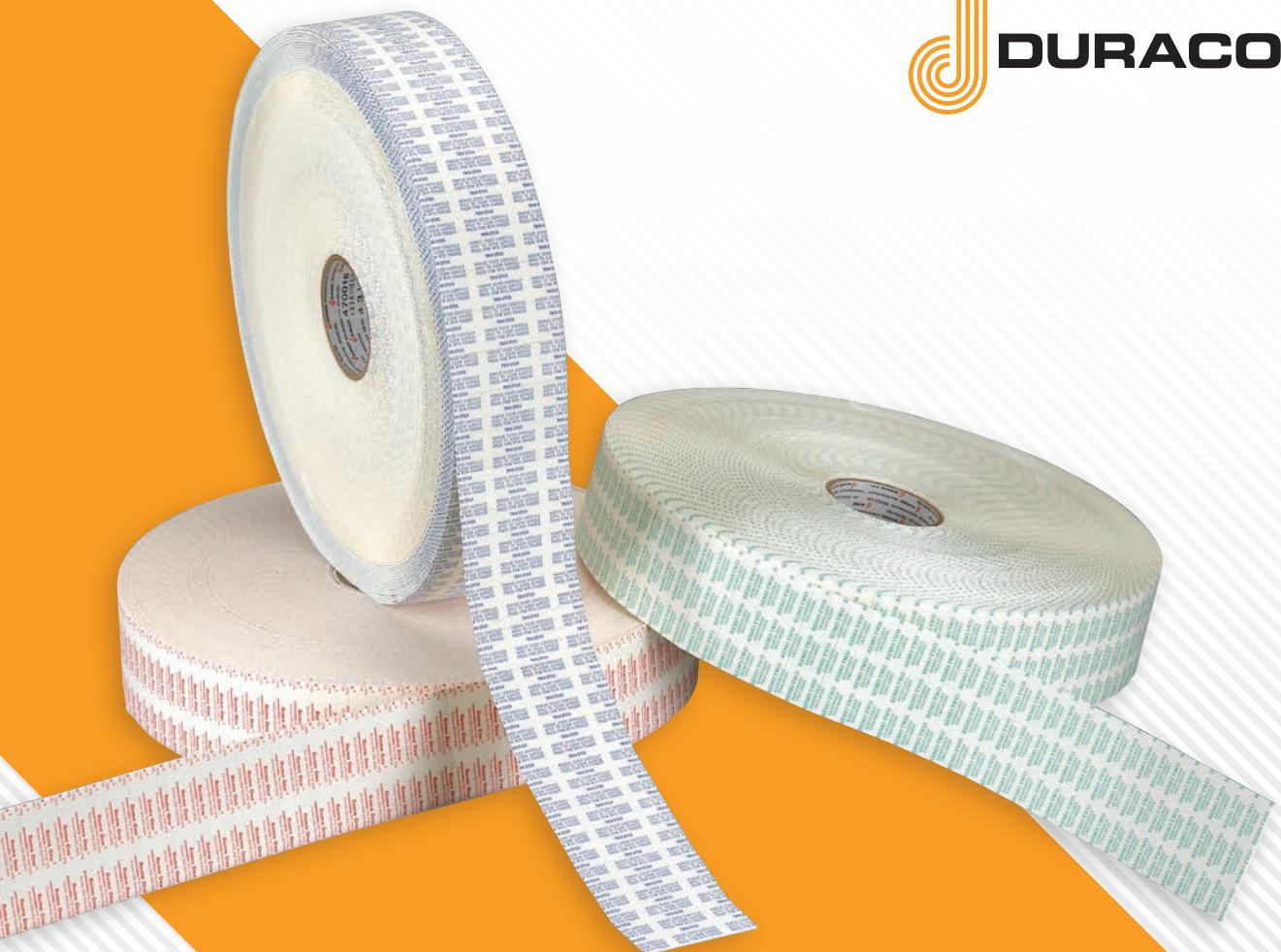




PRODUCT CATALOG

# Tape Solutions for Your Application



Coat.  
Convert.  
Customize.

[duraco.com](http://duraco.com) | 866 800 0775 | [sales@duraco.com](mailto:sales@duraco.com)



TAPE  
EXPERTS



IN STOCK



CONVENIENT  
SERVICE



FREE  
SAMPLES



CUSTOM  
CONVERTING

# Find the right tape for your POP display.

## TEMPORARY DISPLAYS

Ease of use (speed of assembly)  
Gap filling  
Conformability  
3-D effects  
Quick stick

- Foam Tape
- Film Tape
- Hook and Loop

## PERMANENT DISPLAYS

Higher bond strength  
Aesthetically appealing (hidden)  
Environmentally stable

- Foam Tape  
(*Twin Stick*®, *Dubl Kote*®)
- Film Tape
- Duraco® High Bond

## CHANGEABLE GRAPHICS

Wide assortment  
Removable  
No residue  
Interchangeable

- Foam Tape (*Remo One*®, *Remo Two*®)
- Film Tape (*Remo One*®)
- Hook and Loop
- Magnetic Tape

## PRINT FINISHING BINDERY

Wide assortment  
UV coating compatible  
Thin profile  
High speed application

- Transfer Tape
- Tissue Tape
- Film Tape
- Hook and Loop

Look for these icons  
on product pages

TEMPORARY  
DISPLAYS

PERMANENT  
DISPLAYS

CHANGEABLE  
GRAPHICS

PRINT  
FINISHING  
BINDERY

# PRODUCT FAST FIND INDEX

## FOAM TAPES



Twin Stick®

Thick Twin Stick®

24

28

32

10

20

30

32



Remo One®

Thick Remo One®

42

45

48

33

40

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## HIGH BOND TAPES



Duraco High Bond®

50

## HOOK AND LOOP



54

58

59

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Duraco® Hook and Loop

Duraco® Hook and Loop Low Profile

Duraco® Thick Hook and Loop

Duraco® Hook and Loop Sew On

## FILM TAPES



62

63

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64

66

4581 Dry Edge

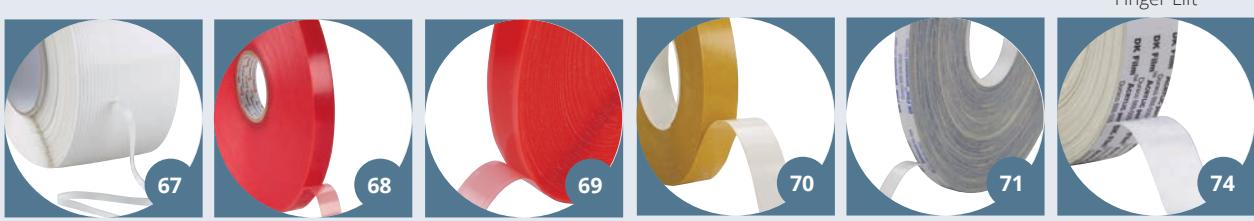
4581 Finger Lift

4581 Edge to Edge

4481 Finger Lift

4181 HI-LO Finger Lift

4081 HI-LO Acrylic Finger Lift



67

68

69

70

74

Tear Tape

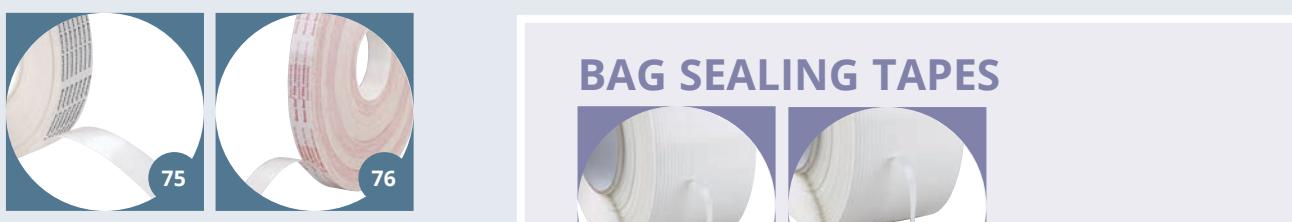
Duraco® Red

Duraco® Red Finger Lift

Duraco® Gold 9970

DK Film®

DK Film® Acrylic



75

76

DK Film® Hi-Tack Acrylic

Remo One® Film

## BAG SEALING TAPES



78

79

4813 Finger Lift

4503 HI-LO Acrylic Finger Lift

## LAMINATING TAPES

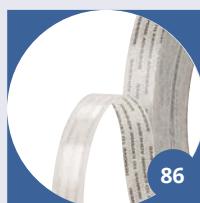


Duraco® Transfer Laminating Tape

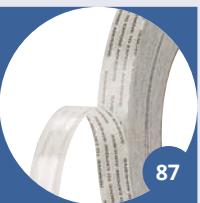


DK Film® Laminating Tape

## TISSUE TAPES



86



87



88



89

2161 Acrylic Finger Lift

## TRANSFER TAPES



1531 Finger Lift



1431 Finger Lift



1571 Acrylic Finger Lift



1591 Hi-Tack Finger Lift



DKOF Removable Finger Lift



Hi-Tack Acrylic



Duraco® ATG

## MAILING PRODUCTS



Glue Dots®

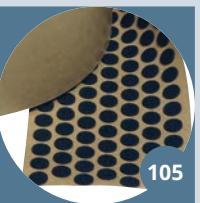


Dot Shot Pro®

## BUMPERS, FEET AND PADS



102



105



108

Duraco® Bumpers

NoSkid Foam

Cusions and Pads

## MAGNETIC PRODUCTS



110

Duraco® Magnetic Tape



112

Duraco® Magnetic Receptive Steel Tape

## WEATHER STRIPPING/GASKETS



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116

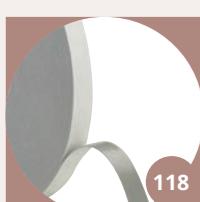


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Neoprene Nitrile

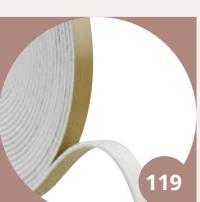
Duraco® VNN

High Density Urethane (Poron®)



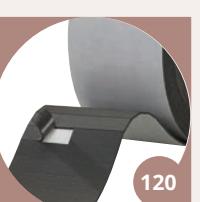
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Low and Medium Density PVC



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Polyolefin



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Duraco® Cushions and Pads

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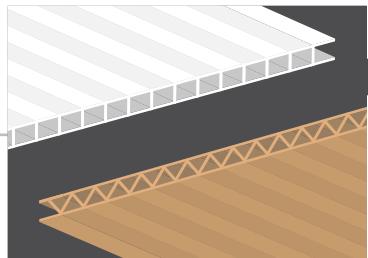
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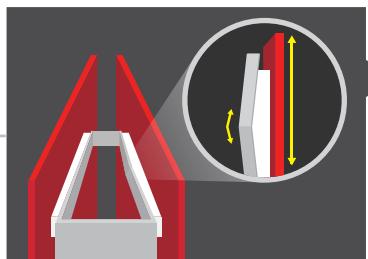


## WHEN TO CHOOSE **FOAM TAPE**



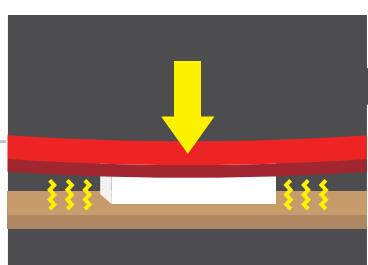
### Consider Your Surfaces

Is your surface flat or irregular? Thin tapes work well on flat surfaces, while irregular surfaces like corrugate, coroplast and other materials require a foam carrier tape such as Twin Stick® or Dubl Kote®.



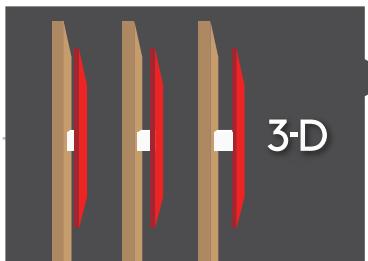
### Length

Long bond lines might cause flex or warp creating immediate stress on the bond and indicate the need of a foam tape.



### Cushioning and Shock Absorption

Foam, compared to film provides cushioning and shock absorption qualities that keep the bond together if impact or movement is a concern.



### Aesthetics

Looking for impact? Thick Twin Stick® can provide 3-D properties.

## Film, Foam, Transfer and Tissue Tapes

Duraco provides tapes in many formats suited to your specific need. We offer samples, so they may be tested in their application before purchasing. Still have questions? Speak to one of our tape experts at **866 800 0775**.

# Foam Tapes

## Foam Tapes General Adhesive Comparison

### RUBBER-BASED

- High initial adhesion
- Good adhesion buildup
- High shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance
- Good bond to low surface energy substrates

### ACRYLIC-BASED

- Fair initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Poor bond to low surface energy substrates

### REMOVABLE

- Does not leave residue
- Removes cleanly from most hard, non-delaminating surfaces
- Good bond to low surface energy substrates
- Great for lighter weight applications

Twin Stick® .....	10
Thick Twin Stick® .....	20
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Duraco Metal Shelf Tape® .....	30
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Remo One® .....	33
Thick Remo One® .....	40
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The leading manufacturer and supplier for foam tape to the POP industry!

Duraco's Foam Tapes have a flexible foam carrier that fills gaps and allows irregular surfaces to be adhered.



## WHERE TO USE TWIN STICK®

- Semi-permanent displays
- Temporary displays
- Signage
- Caps and headers
- Corrugate
- Chipboard
- Wood
- Low surface energy plastics
- Powder-coated materials
- UV coatings



## TWIN STICK®

POP favorite, double-sided permanent foam tape

### Specifications

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)

## TWIN STICK®

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
470096	1/32	1/4	1/4	15,000
470031	1/32	1/4	1/2	15,000
470097	1/32	1/4	1	10,000
472725	1/32	1/4	2	7,500
472726	1/32	1/4	3	5,000
500100	1/32	5/16	1-1/2	25,000
470027	1/32	1/2	1/2	10,000
470098	1/32	1/2	3/4	10,000
470000	1/32	1/2	1	10,000
472730	1/32	1/2	1-1/2	10,000
470001	1/32	1/2	2	10,000
472731	1/32	1/2	2-1/2	7,500
470002	1/32	1/2	3	5,000
472732	1/32	1/2	3-1/2	5,000
470003	1/32	1/2	4	5,000

(more 1/32" sizes continued on next page)



Products should be tested in the application before use.

# TWIN STICK® MOST POPULAR

## Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
470008	1/32	1	3	4,000
470029	1/32	1	4	2,500
470145	1/32	1	6	2,000
470017	1/16	1	2	5,000
470041	1/16	1	3	5,000
470019	1/16	1	4	2,500



### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
472733	1/32	1/2	4-1/2	4,000
470099	1/32	1/2	5	3,000
470100	1/32	1/2	6	3,000
470101	1/32	1/2	7	2,000
470102	1/32	1/2	8	2,000
470103	1/32	1/2	9	2,000
470104	1/32	1/2	10	2,000
470105	1/32	1/2	11	2,000
470106	1/32	1/2	12	2,000
470120	1/32	3/4	3/4	10,000
470121	1/32	3/4	1	10,000
472744	1/32	3/4	1-1/2	7,500
470004	1/32	3/4	2	5,000
472745	1/32	3/4	2-1/2	5,000
470005	1/32	3/4	3	5,000
472746	1/32	3/4	3-1/2	3,500
470122	1/32	3/4	4	2,500
470123	1/32	3/4	5	2,000
470124	1/32	3/4	6	2,000
470125	1/32	3/4	7	2,000
470126	1/32	3/4	8	2,000
470127	1/32	3/4	9	2,000
478767	1/32	3/4	10	2,000

(more 1/32" sizes continued on next page)

TEMPORARY  
DISPLAYS

PERMANENT  
DISPLAYS



### CUSTOM CONVERTING

Projects come in every shape and size — your tape solution should, too.

Low minimum, fast turnaround.

Products should be tested in the application before use.



Securely attach  
wobblers to displays  
(see other uses on page 10)

## Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
478768	1/32	3/4	12	2,500
478769	1/32	3/4	15	2,000
478770	1/32	3/4	17	2,500
470006	1/32	1	1	10,000
470040	1/32	1	1	20,000
472758	1/32	1	1-1/2	7,500
470007	1/32	1	2	6,300
472759	1/32	1	2-1/2	5,000
470008	1/32	1	3	4,000
472760	1/32	1	3-1/2	3,000
470029	1/32	1	4	2,500
472761	1/32	1	4-1/2	2,000
470144	1/32	1	5	2,000
470145	1/32	1	6	2,000
478762	1/32	1	7	2,500
478763	1/32	1	8	2,500
478764	1/32	1	9	2,500
478750	1/32	1	10	2,500
478751	1/32	1	11	2,500
478752	1/32	1	12	2,500
478753	1/32	1	13	2,500
478754	1/32	1	14	2,500
478755	1/32	1	15	2,500
478756	1/32	1	16	2,500
478757	1/32	1	17	2,500
478758	1/32	1	18	2,500
478760	1/32	1	20	2,000
478761	1/32	1	24	2,500
472776	1/32	1-1/2	1-1/2	5,000
470165	1/32	2	2	2,000
474789	1/32	2	3	1,500
475369	1/32	2	4	1,500
472777	1/32	3	3	1,500
470028	1/16	1/2	1/2	10,000
470009	1/16	1/2	1	10,000
470010	1/16	1/2	2	10,000
472779	1/16	1/2	2-1/2	7,500
470011	1/16	1/2	3	5,000
470012	1/16	1/2	4	5,000

(more 1/16" sizes continued on next page)

Products should be tested in the application before use.

## Pre-Cut Pieces on a Roll, White

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470249	1/16	1/2	5	3,000
470013	1/16	1/2	6	3,000
478742	1/16	1/2	13	3,000
470269	1/16	3/4	3/4	10,000
470270	1/16	3/4	1	10,000
472792	1/16	3/4	1-1/2	7,500
470014	1/16	3/4	2	5,000
500739	1/16	3/4	2-3/4	5,000
470015	1/16	3/4	3	2,500
470271	1/16	3/4	4	2,500
470273	1/16	3/4	6	2,000
470016	1/16	1	1	10,000
470038	1/16	1	1	20,000
472806	1/16	1	1-1/2	7,500
470017	1/16	1	2	5,000
472807	1/16	1	2-1/2	5,000
470018	1/16	1	3	2,500
470041	1/16	1	3	5,000
472808	1/16	1	3-1/2	2,500
470019	1/16	1	4	2,500
470293	1/16	1	5	2,000
470294	1/16	1	6	2,000
478739	1/16	1	7	2,000
478740	1/16	1	8	2,000
478741	1/16	1	9	2,500
478728	1/16	1	10	2,000
478729	1/16	1	11	2,000
478730	1/16	1	12	2,000
478731	1/16	1	13	2,500
478732	1/16	1	14	2,500
478733	1/16	1	15	2,500
478734	1/16	1	16	2,500
478735	1/16	1	17	2,500
478736	1/16	1	18	2,500

(more 1/16" sizes continued on next page)

TEMPORARY  
DISPLAYSPERMANENT  
DISPLAYS

Securely  
attach dispensers  
to surfaces  
without drilling  
or mechanical  
fasteners

Products should be tested in the application before use.



Pre-cut  
pieces for  
quick  
application



## Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
478738	1/16	1	20	2,000
470314	1/16	2	2	2,000
475339	1/16	2	3	1,500
475290	1/16	2	4	1,500
472828	1/16	3	3	1,000
474708	1/16	4	4	600
470395	1/8	1/2	1/2	10,000
470397	1/8	1/2	1	10,000
470398	1/8	1/2	2	7,500
470399	1/8	1/2	3	5,000
470400	1/8	1/2	4	5,000
470020	1/8	3/4	2	5,000
470410	1/8	3/4	4	1,500
470412	1/8	3/4	6	1,500
470022	1/8	1	1	6,500
470042	1/8	1	1	12,000
472838	1/8	1	1-1/2	5,000
470023	1/8	1	2	2,700
472839	1/8	1	2-1/2	2,000
470024	1/8	1	3	2,000
470039	1/8	1	3	3,000
470025	1/8	1	4	2,000
478776	1/8	1	5	1,500
478777	1/8	1	6	1,500
478778	1/8	1	7	1,500
478773	1/8	1	12	1,500
472855	1/8	3	3	750
475365	1/8	4	4	400

(more stock sizes continued on next page)



## TAPE EXPERTS

Can't find your size?  
Call a tape  
expert today!

**866 800 0775**

Products should be tested in the application before use.

## Pre-Cut Pieces on a Roll, White

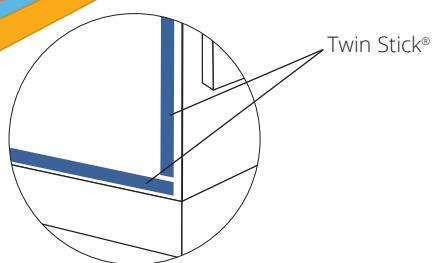
Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470473	3/16	3/4	3	2,000
470034	3/16	1	1	5,000
470476	3/16	1	2	2,000
470477	3/16	1	3	1,500
472857	1/4	1/2	1/2	8,000
470487	1/4	1/2	1	7,500
470488	1/4	1/2	2	3,000
470026	1/4	1	1	5,000
472858	1/4	1	1-1/2	3,000
470502	1/4	1	2	2,300
470033	1/4	1	3	1,000
470503	1/4	1	4	1,000
470504	1/4	1	5	1,000
470505	1/4	1	6	750

TEMPORARY DISPLAYS

PERMANENT DISPLAYS

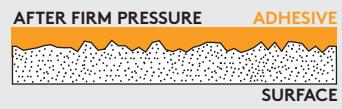


Use long  
pre-cut strips to  
assemble displays



Foam tapes  
allow for greater  
surface contact on  
irregular surfaces.  
Firm, even pressure  
improves the bond.

## ADHESIVE CONTACT



Products should be tested in the application before use.

TEMPORARY  
DISPLAYS

PERMANENT  
DISPLAYS



Twin Stick® diameters, shown here on a security tether, provide the best coverage for applications with rounded edges.



## Diameters on a Roll, White

Part Number	Thickness	Diameter	Pieces/Roll
	in	in	
475829	1/32	3/8	10,000
472715	1/32	1/2	5,000
472718	1/32	3/4	4,000
472721	1/32	1	3,000
472724	1/32	1-1/4	2,000
502335	1/32	1-1/2	2,000
502436	1/16	3/8	10,000
472716	1/16	1/2	5,000
472719	1/16	3/4	4,000
472722	1/16	1	3,000
472717	1/8	1/2	3,000

## Pre-Cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470166	1/32	1/2	1/2	10	7,500
470168	1/32	1/2	1	10	7,500
470169	1/32	1/2	2	10	4,000
470170	1/32	1/2	3	10	2,500
470173	1/32	1/2	6	10	1,500
500400	1/32	3/4	3	1	10,000
470203	1/32	3/4	10	2	500
475024	1/32	1	1	1	5,000
470219	1/32	1	1	10	4,000
470220	1/32	1	2	10	2,000
475107	1/32	1	3	1	3,000
470221	1/32	1	3	10	1,250
475165	1/32	1	4	2	2,500
470222	1/32	1	4	10	1,000
470223	1/32	1	5	5	750
470224	1/32	1	6	5	600
470239	1/32	1	21	2	170
470244	1/32	2	2	4	900

(more stock sizes continued on next page)

Products should be tested in the application before use.

## Pre-Cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
501060	1/16	1/2	2-1/2	2	25,000
501630	1/16	3/4	3/4	4	10,000
501138	1/16	1	1	2	20,000
470368	1/16	1	1	10	4,000
470369	1/16	1	2	10	2,000
470370	1/16	1	3	10	1,250
470371	1/16	1	4	10	1,000
470377	1/16	1	10	2	400
470390	1/16	1	23	2	170
475836	1/16	8-1/2	11	1	200
470427	1/8	1/2	1	10	6,000
470450	1/8	1	1	10	3,000
470451	1/8	1	2	10	1,500
470452	1/8	1	3	10	1,000
470453	1/8	1	4	10	750
470455	1/8	1	6	5	500
473465	3/16	1/2	1-1/2	10	8,400
474191	1/4	3/4	2-3/4	1	6,000
470510	1/4	1	1	10	2,200
470511	1/4	1	3	10	780

TEMPORARY DISPLAYS

PERMANENT DISPLAYS



## TIP

Pads are great for kits, or when your job calls for smaller quantities.

## Know your foam tape thickness

- For most POP display applications, use 1/32".
- For corrugated or textured surfaces, use 1/16".
- For filling gaps, use 1/8" or greater.
- For 3-D effect, use 3/8" or greater.



Products should be tested in the application before use.



**TRY BEFORE  
YOU BUY!**

Call or go online  
to order free samples.

## Pre-Cut Pieces on a Roll, Black

Part Number	Thickness in	Width in	Length in	Pieces/Roll
470553	1/32	1/2	1	10,000
470554	1/32	1/2	2	10,000
470555	1/32	1/2	3	5,000
470556	1/32	1/2	4	5,000
470569	1/32	3/4	2	5,000
470570	1/32	3/4	3	5,000
470573	1/32	3/4	6	2,000
470518	1/32	1	1	20,000
470583	1/32	1	2	6,300
470584	1/32	1	3	4,000
470585	1/32	1	4	2,500
470586	1/32	1	5	2,000
470587	1/32	1	6	2,000
478724	1/32	1	8	1,500
478721	1/32	1	10	1,500
470636	1/16	1/2	8	2,000
470639	1/16	3/4	1	10,000
470512	1/16	1	1	10,000
470644	1/16	1	2	5,000
470513	1/16	1	3	2,500
470645	1/16	1	4	2,500
470647	1/16	1	6	2,000
478720	1/16	1	8	1,500
470686	1/8	1/2	1	10,000
475498	1/8	3/4	1-1/2	5,000
470704	1/8	3/4	9	1,500
470706	1/8	1	1	6,500
470514	1/8	1	2	2,700
470708	1/8	1	3	2,000
470709	1/8	1	4	2,000
478725	1/8	1	6	1,500
478726	1/8	1	7	1,500
478727	1/8	1	8	1,500
470715	1/8	1	10	1,000
474306	1/8	2	2	2,000
502320	1/4	1	1	5,000
502321	1/4	1	2	2,300
502323	1/4	1	3	1,000

Products should be tested in the application before use.

## Pre-Cut Pieces in a Pad, Black

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470619	1/32	1	1	10	4,000
470676	1/16	1	3	10	1,250

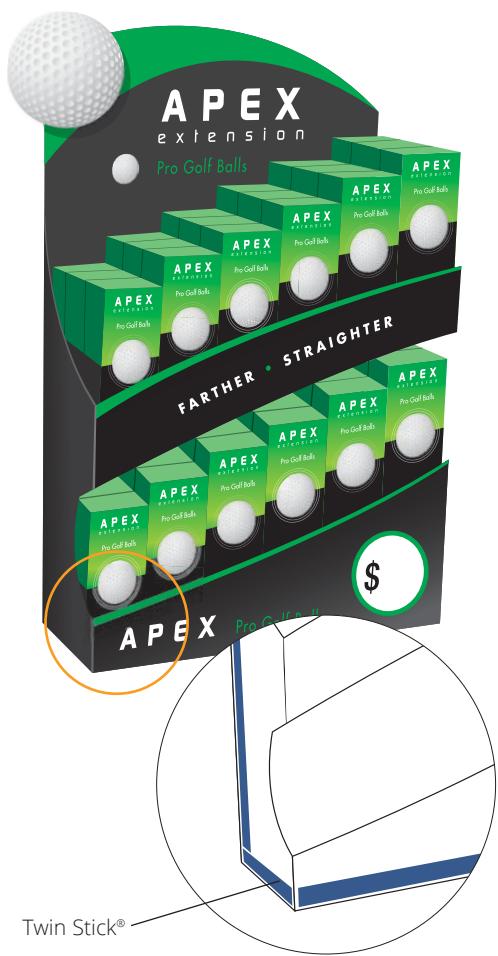
TEMPORARY DISPLAYS

PERMANENT DISPLAYS



## Diameters on a Roll, Black

Part Number	Thickness in	Diameter in	Pieces/Roll
502432	1/32	1/2	5,000
502440	1/32	3/4	4,000



## TIP

Pack extra pads with your product or display for emergency repairs.

Use black Twin Stick® to create invisible bonds when assembling black or dark displays

Twin Stick®

Products should be tested in the application before use.



### WHERE TO USE THICK TWIN STICK®

- Corrugate
- Chipboard
- Wood
- Low surface energy plastics
- Powder-coated materials
- UV coatings

### THICK TWIN STICK®

Foam blocks with permanent adhesive can be used to create a 3-D effect or fill gaps

#### Specifications

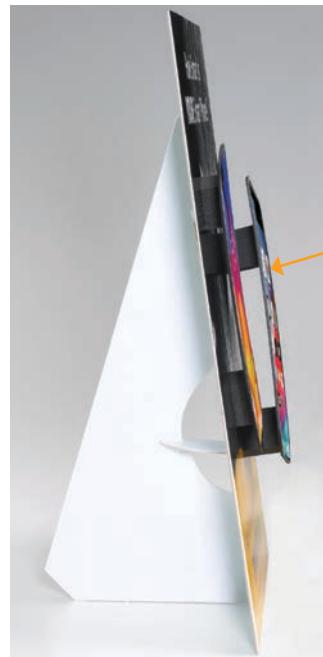
- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
472859	3/8	1	1	4,000
472860	3/8	1	2	2,000
472861	3/8	1	3	1,100
472865	1/2	1/2	1	5,000
470030	1/2	1	1	3,000
470044	1/2	1	2	1,800
470032	1/2	1	3	1,200
470047	1/2	2	2	900
470049	1/2	3	3	300

### Pre-Cut Pieces on a Roll, Black

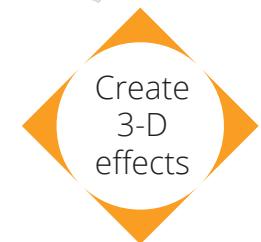
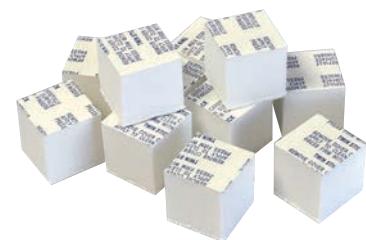
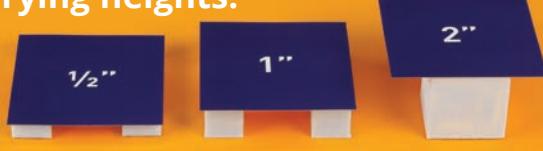
Part Number	Thickness in	Width in	Length in	Pieces/Roll
470515	1/2	1	1	3,000
470521	1/2	1	2	1,800
470523	1/2	1	3	1,200



Place blocks behind artwork to create 3-D effects!

## Pre-Cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470043	1/2	1	1	12	2,400
470045	1/2	1	2	10	1,000
470048	1/2	2	2	4	600
472866	3/4	3/4	1	24	2,400
470037	3/4	1	1	36	4,320
470051	3/4	1	2	18	3,600
470052	3/4	1	3	12	1,800
470053	3/4	2	2	9	1,800
470035	1	1	1	36	2,520
470036	1	1	1	36	6,012
470055	1	1	2	18	2,898
470056	1	1	3	12	1,440
470060	1	2	2	9	1,440
470061	1	3	3	4	600
470062	1-1/4	1	1	36	4,608
470065	1-1/2	1	1	36	3,420
470068	1-1/2	1-1/2	1-1/2	12	1,440
470070	2	1-1/2	1-1/2	12	1,200
470071	2	2	2	1	840

TEMPORARY  
DISPLAYSPERMANENT  
DISPLAYSCreate  
3-D  
effectsEasily create 3-D effects  
with varying heights.

Products should be tested in the application before use.

TEMPORARY  
DISPLAYS

PERMANENT  
DISPLAYS



## TIPS

- Use black Thick Twin Stick® on dark backgrounds.
- Place foam blocks 1"- 2" from the edge of dimensional graphics to create a clean 3-D effect.

## Pre-cut Pieces in a Pad, Black

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470520	1/2	1	1	12	2,400
470529	3/4	1	1	36	4,320
470530	3/4	1	2	18	3,600
470519	1	1	1	36	2,520
470516	1	1	1	36	6,012
470534	1	1	2	18	2,898
470535	1	1	3	12	1,440
470550	2	2	2	1	840



See our  
**REMOVABLE  
FOAM BLOCKS**

Pages 40 and 45



**CAN'T FIND  
YOUR SIZE?**  
Contact our  
tape experts!

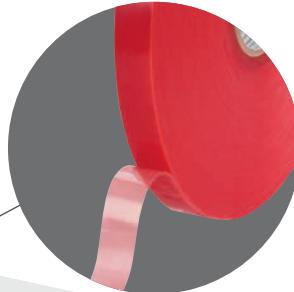
**866 800 0775**

*Products should be tested in the application before use.*

# Specialty tapes for every display need



**REMO ONE® and  
REMO TWO®**  
Use Remo for attaching seasonal or rotating messaging



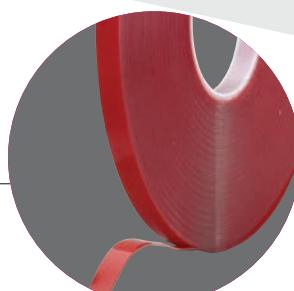
**DURACO® RED**  
Duraco Red is perfect for hard-to-stick applications like UV coating



**DUBL KOTE® and  
TWIN STICK®**  
Utilize Dubl Kote along long edges and Twin Stick on flaps for a quick hold



**THICK  
TWIN STICK®**  
Create 3-D effects with Thick Twin Stick to make your graphics stand out



**DURACO®  
HIGH BOND**  
Use High Bond for an extra tamper-resistant bond



### WHERE TO USE DUBL KOTE®

- Temporary, semi-permanent and permanent displays
- Plastic extrusions
- Wire management raceways
- Signage
- End caps
- Headers
- Textured surface bonding
- Plastic fasteners
- Decorative trim
- Shower enclosures
- Mirror mounting
- Shower splash guard
- Metal to metal bonding
- Wall files
- Air fresheners
- Protective trim

## DUBL KOTE®

Versatile double-sided foam tape ideal for hand or automatic application

### Specifications

- Adhesive: Rubber-based permanent on both sides (Not recommended for direct UV exposure. See application notes for more information.)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. in. of tape (variables in applications can produce different stresses and affect holding power)

### Short Rolls, White

1.5" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
502613	1/32	1/2	54	180
501737	1/32	1/2	108	80
471366	1/32	3/4	30	45
471367	1/32	1	30	36
471368	1/16	1/2	30	40
500931	1/16	3/4	108	13
471370	1/16	1	30	20
500930	1/16	1	108	10

### TIPS

- Use a roller when hand applying Dubl Kote® to ensure a smooth, even application.
- Firm, even pressure across the entire surface is essential for the adhesive to bond.
- Short rolls are useful to include in kits for on-site assembly or field repairs.

Products should be tested in the application before use.

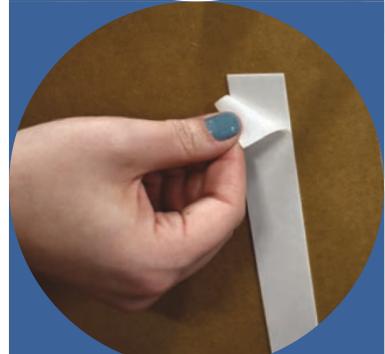
## Standard Rolls, White

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
471355	1/32	1/4	216	48
472230	1/32	1/4	216	12
471346	1/32	3/8	216	32
472231	1/32	3/8	216	12
471339	1/32	1/2	216	24
472232	1/32	1/2	216	12
500595	1/32	21/32	216	19
501699	1/32	11/16	216	18
471340	1/32	3/4	216	16
471341	1/32	1	216	12
473607	1/32	1-1/4	216	10
471374	1/32	1-1/2	216	8
471375	1/32	2	216	6
471376	1/32	3	216	4
473617	1/32	3-1/2	216	5
472867	1/32	4	216	3
473626	1/32	13-1/2	216	1
502626	1/32	23	216	1
473608	1/32	24	216	1
501918	1/32	28	216	1
471377	1/16	1/4	216	48
472229	1/16	1/4	216	12
473594	1/16	3/8	216	32
471342	1/16	1/2	216	24
472233	1/16	1/2	216	12
471343	1/16	3/4	216	16
471344	1/16	1	216	12
471356	1/16	1-1/2	216	8
475542	1/16	1-5/8	216	7
471378	1/16	2	216	6
473649	1/16	2-1/8	216	7
471379	1/16	3	216	4
473625	1/16	24	216	1
471357	1/8	1/2	108	24
472234	1/8	1/2	108	12
472870	1/8	5/8	108	19
471345	1/8	3/4	108	16
471353	1/8	1	108	12
471380	1/8	2	108	6
471382	3/16	1/2	75	20
471384	3/16	1	75	10
471385	1/4	1/2	50	20
471386	1/4	3/4	50	13
471387	1/4	1	50	10

TEMPORARY  
DISPLAYSPERMANENT  
DISPLAYS

Use  
Dubl Kote®  
for the installation  
of boards, mirrors  
and other  
fixtures



Products should be tested in the application before use.

TEMPORARY  
DISPLAYS

PERMANENT  
DISPLAYS

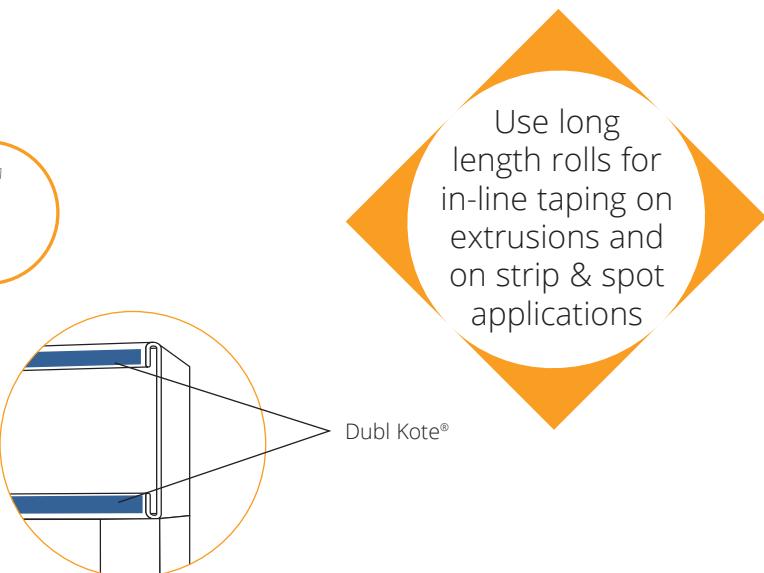
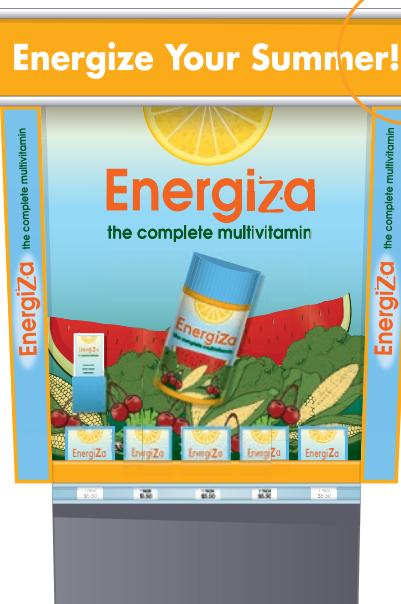


Longest rolls in the industry with 1/8" and 1/4" thickness

## Long Rolls, White

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
473650	1/32	1/4	432	24
471350	1/32	3/8	900	20
502375	1/32	15/32	1,050	16
471363	1/32	1/2	1,050	16
471358	1/32	1/2	1,500	9
472880	1/32	5/8	1,050	13
502504	1/32	23/32	1,050	11
476057	1/32	3/4	1,050	11
471360	1/32	3/4	1,500	7
476058	1/32	1	1,050	8
471359	1/32	1	1,500	5
473635	1/32	1-1/4	900	6
501334	1/32	1-3/4	900	4
473648	1/32	2	900	3
473632	1/16	3/8	450	32
471347	1/16	1/2	450	24
471362	1/16	1/2	750	10
471348	1/16	3/4	450	16
471349	1/16	1	450	12
471361	1/16	1	750	5
472877	1/8	1/2	300	11
472879	1/8	1	300	5
472881	1/4	1	100	7



Dubl Kote® is applied in-line to extrusions used to attach the header framework in this display

Products should be tested in the application before use.

**Short Rolls, Black***3" diameter core*

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
501260	1/32	48	108	1

TEMPORARY DISPLAYS

PERMANENT DISPLAYS

**Standard Rolls, Black***3" diameter core*

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
471400	1/32	1/4	216	48
472221	1/32	1/4	216	12
471397	1/32	3/8	216	32
472225	1/32	3/8	216	12
471394	1/32	1/2	216	24
472223	1/32	1/2	216	12
471395	1/32	3/4	216	16
471399	1/32	1	216	12
473674	1/32	1-1/4	216	10
471401	1/32	1-1/2	216	8
471402	1/32	2	216	6
473681	1/32	2-1/2	216	5
471403	1/32	3	216	4
472874	1/32	12	216	1
473685	1/32	13-1/2	216	1
471406	1/16	1/4	216	48
472222	1/16	1/4	216	12
473671	1/16	3/8	216	32
471396	1/16	1/2	216	24
472224	1/16	1/2	216	12
471407	1/16	3/4	216	16
471408	1/16	1	216	12
471409	1/16	1-1/2	216	8
471410	1/16	2	216	6
471415	1/8	1/2	108	24
471416	1/8	3/4	108	16
471417	1/8	1	108	12

**Long Rolls, Black***3" diameter core*

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
473677	1/32	3/8	900	20
471398	1/32	1/2	900	16
500661	1/32	5/8	450	16
471404	1/32	3/4	1,050	11
471405	1/32	1	1,050	8
471412	1/16	1/2	450	24
471413	1/16	3/4	450	16

CAN'T FIND  
YOUR SIZE?Contact our  
tape experts!

Products should be tested in the application before use.



## DUBL KOTE® ACRYLIC

Use on flexible plastics, as acrylic adhesive offers good plasticizer resistance

### Specifications

- Adhesive: Acrylic-based permanent on both sides, identified with our black printed liner
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 175°F

### Standard Rolls, White

*3" diameter core*

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
472595	1/32	1/4	216	12
472597	1/32	3/8	216	12
472599	1/32	1/2	216	12
472600	1/32	1/2	216	24
472601	1/32	3/4	216	16
472602	1/32	1	216	12
472608	1/16	1/2	216	12
472610	1/16	3/4	216	16
472611	1/16	1	216	12
472613	1/16	2	216	6
472616	1/8	1/2	108	24



**FREE SAMPLES**

**866 800 0775**

### WHERE TO USE DUBL KOTE® ACRYLIC

- Temporary, semi-permanent and permanent displays
- Plastic extrusions
- Wire management raceways
- Signage
- End caps
- Headers
- Textured surface bonding
- Plastic fasteners
- Decorative trim
- Shower enclosures
- Mirror mounting
- Shower splash guard
- Metal to metal bonding
- Wall files
- Air fresheners
- Protective trim

*Products should be tested in the application before use.*

## Long Rolls, White

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
472624	1/32	1/2	1,500	9
472632	1/16	1	450	12

TEMPORARY  
DISPLAYS

PERMANENT  
DISPLAYS

## Standard Rolls, Black

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
472634	1/32	1/2	216	24
472635	1/32	3/4	216	16
472636	1/32	1	216	12
472637	1/16	1/2	216	24
472639	1/16	1	216	12



FAST  
SHIPPING



**When time is limited,  
every second counts.**

So, we've extended our  
same day shipping hours to better  
meet your needs on in-stock products.



Products should be tested in the application before use.



### WHERE TO USE DURACO METAL SHELF TAPE®

- Price channel attachment
- Metal shelving
- Warehouse/storage location labeling
- Merchandising racks
- Metal shelf signage
- Locker signs

Clean removal from metal shelves — no residue.

## DURACO METAL SHELF TAPE®

Strong double-sided adhesive foam tape that can be removed from metal shelving without leaving residue

### Specifications

- Adhesive: Rubber-based on both sides; one side permanent, one side removable
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Recommended for hard, non-delaminating surfaces

### Features

- Cleanly removes from metal shelves without leaving residue
- Perfect for profile extruders to apply in-line; rolls up to 900 feet in length are designed to improve efficiencies in automatic applications. Permanent adhesive side bonds to extrusion, liner side to shelf

### Standard Rolls, White

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
472684	1/32	1/2	216	24
472685	1/32	3/4	216	16
472686	1/32	1	216	12
472687	1/16	1/2	216	24
472688	1/16	3/4	216	16
472689	1/16	1	216	12

### Long Rolls, White

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
472690	1/32	1/2	900	16
472691	1/32	3/4	900	11
472692	1/32	1	900	8
472693	1/16	1/2	450	24
472694	1/16	3/4	450	16
472695	1/16	1	450	12

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
472700	1/32	1	2	3,000
472701	1/32	1	3	1,250
472706	1/16	1	2	2,500
472707	1/16	1	3	1,250



**SAVE  
ON LABOR  
COSTS**

Products should be tested in the application before use.

Stocked to  
suit **YOUR**  
application

## PIECES OR PADS

Perfect for kits



**SAVE**  
ON LABOR  
COSTS

## PRE-CUT PIECES ON A ROLL

For quick and  
easy hand  
application



## CONTINUOUS ROLLS

For longer  
or automatic  
applications





### WHERE TO USE REMO ONE® PLUS

- Temporary signs
- Price channel moldings
- Nameplates
- Shelf dividers
- Point of Purchase displays
- Metal shelving
- Merchandising racks

## REMO ONE® PLUS

Duraco's Remo One Plus is a double-sided adhesive foam tape that is removable one side and permanent on the other. Removes from hard non-delaminating surfaces such as wood, plastic and glass while offering four times the strength of standard removable tape.

### Specifications

- Adhesive: Rubber-based on both sides; one side permanent, one side removable
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features

- Four times the strength of standard removable products
- Printed liner identifies the removable side
- Available in pre-cut pieces and continuous rolls
- Leaves no foam residue behind when removed
- Intended for one-time use on hard, non-delaminating surfaces

### Continuous Roll, White

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
479037	1/32	1/2	216	24
479038	1/32	3/4	216	16
479039	1/32	1	216	12
479040	1/16	1/2	216	24
479041	1/16	3/4	216	16
479042	1/16	1	216	12

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length ft	Pieces/Roll
479043	1/32	1	1	6,000
479044	1/32	1	2	6,000
479045	1/32	1	3	2,500
479046	1/32	1	4	2,500
479047	1/32	1	6	2,000
479048	1/16	1	1	5,000
479049	1/16	1	2	5,000
479050	1/16	1	3	2,500
479051	1/16	1	4	2,000
479052	1/16	1	6	2,000
479053	1/8	1	1	5,000
479054	1/8	1	2	2,500
479055	1/8	1	3	2,000
479056	1/8	1	4	2,000

Products should be tested in the application before use.

## REMO ONE®

Removable foam tape with aggressive permanent adhesive on one side and removable adhesive on the other

TEMPORARY DISPLAYS

CHANGEABLE GRAPHICS

REMOVABLE 1 SIDE



### Specifications

- Adhesive: Permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- 1/2 lb. per sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)
- Intended for one-time use on hard, non-delaminating surfaces

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
473847	1/32	1/2	1/2	10,000
470797	1/32	1/2	1	10,000
473863	1/32	1/2	1-1/2	10,000
470798	1/32	1/2	2	10,000
470799	1/32	1/2	3	5,000
470800	1/32	1/2	4	5,000
470801	1/32	1/2	5	3,000
472892	1/32	1/2	6	3,000
472894	1/32	1/2	8	2,500
473855	1/32	3/4	3/4	10,000
470803	1/32	3/4	1	10,000
470804	1/32	3/4	2	5,000
470805	1/32	3/4	3	5,000
470806	1/32	3/4	4	2,500

(more 1/32" sizes continued on next page)

### WHERE TO USE REMO ONE®

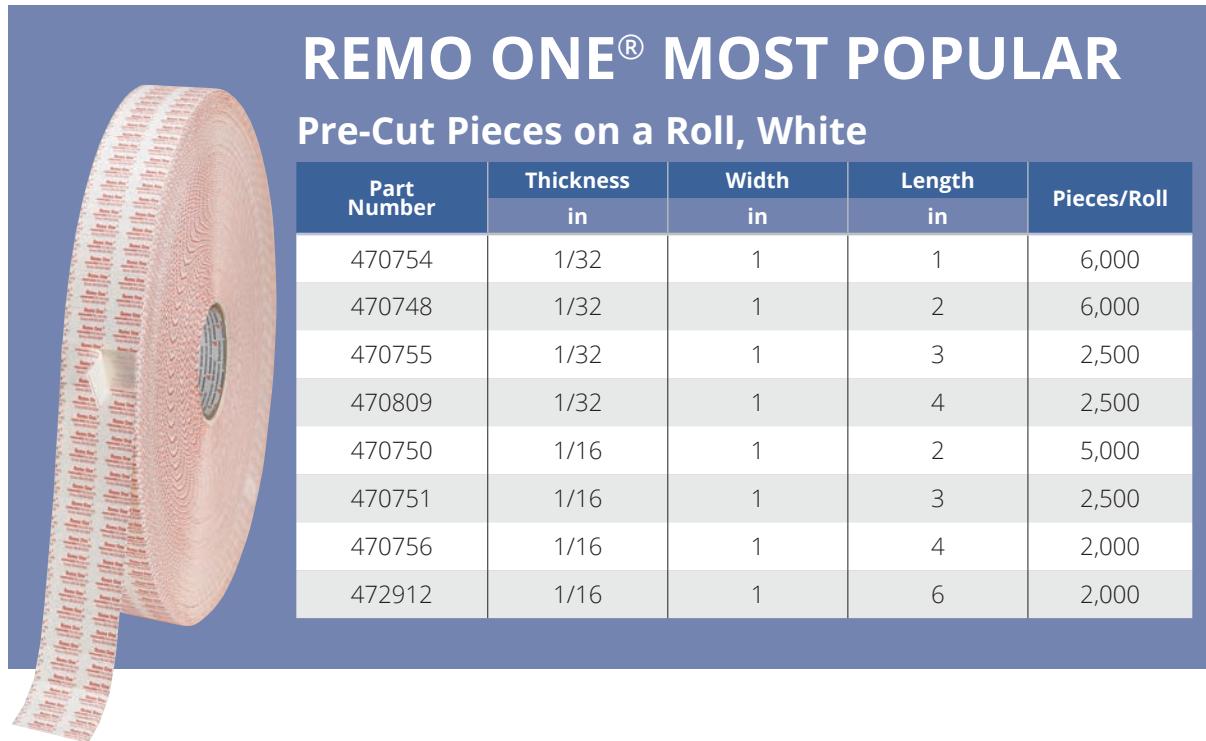
- Promotional and temporary signage
- Temporary and permanent displays
- Single use promotional graphics
- Wobblers and shelf talkers



REMOVES  
CLEANLY.  
NO RESIDUE.



Products should be tested in the application before use.



## REMO ONE® MOST POPULAR

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470754	1/32	1	1	6,000
470748	1/32	1	2	6,000
470755	1/32	1	3	2,500
470809	1/32	1	4	2,500
470750	1/16	1	2	5,000
470751	1/16	1	3	2,500
470756	1/16	1	4	2,000
472912	1/16	1	6	2,000



### CUSTOM CONVERTING

Projects come in every shape and size — your tape solution should, too.

Low minimum, fast turnaround.

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470754	1/32	1	1	6,000
470748	1/32	1	2	6,000
470755	1/32	1	3	2,500
470809	1/32	1	4	2,500
470810	1/32	1	5	2,000
472900	1/32	1	6	2,000
478714	1/32	1	7	2,500
478715	1/32	1	8	2,500
478713	1/32	1	10	2,500
473778	1/16	1/2	1/2	10,000
470830	1/16	1/2	1	10,000
470831	1/16	1/2	2	10,000
470832	1/16	1/2	3	5,000
470833	1/16	1/2	4	5,000
470834	1/16	1/2	5	3,000
472904	1/16	1/2	6	3,000
470835	1/16	1/2	10	2,000

(more 1/16" sizes continued on next page)

## Pre-Cut Pieces on a Roll, White

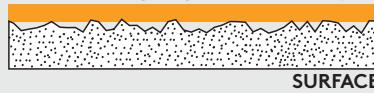
Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470838	1/16	3/4	3	2,500
470749	1/16	1	1	5,000
473862	1/16	1	1-1/2	7,500
470750	1/16	1	2	5,000
470751	1/16	1	3	2,500
470756	1/16	1	4	2,000
470842	1/16	1	5	2,000
472912	1/16	1	6	2,000
478712	1/16	1	8	2,000
470863	1/8	1/2	2	7,500
470757	1/8	1	1	5,000
470752	1/8	1	2	2,500
470753	1/8	1	3	2,000
470872	1/8	1	4	2,000
470873	1/8	1	5	1,500
472924	1/8	1	6	1,500
475844	1/4	1/2	1	7,500
472928	1/4	1	1	5,000
475502	1/4	1	2	2,300
502131	1/4	1	3	1,000



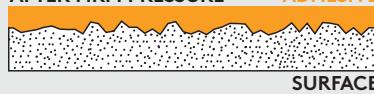
Foam tapes allow for greater surface contact on irregular surfaces. Firm, even pressure improves the bond.

## ADHESIVE CONTACT

INITIAL APPLICATION      ADHESIVE



AFTER FIRM PRESSURE      ADHESIVE



Products should be tested in the application before use.



Pads are great to include in kits with all kinds of temporary signs

## Pre-Cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470812	1/32	1/2	1	10	7,500
470813	1/32	1/2	2	10	4,000
470814	1/32	1/2	3	10	2,500
470815	1/32	1/2	4	10	2,000
470816	1/32	1/2	5	10	1,500
470820	1/32	3/4	3	10	1,750
470824	1/32	1	1	10	4,000
470825	1/32	1	2	10	2,000
470826	1/32	1	3	10	1,250
470827	1/32	1	4	10	1,000
470828	1/32	1	5	5	750
470829	1/32	1	10	2	400
470844	1/16	1/2	1	10	7,500
470856	1/16	1	1	10	4,000
470857	1/16	1	2	10	2,000
470858	1/16	1	3	10	1,250
470859	1/16	1	4	10	1,000
470861	1/16	1	10	2	400
470884	1/8	1	1	10	3,000
470886	1/8	1	3	10	1,000
470887	1/8	1	4	10	750

## IT'S SIMPLE. JUST SAMPLE!

If you're not sure which tape will work best, you can request **FREE SAMPLES** to ensure proper fit and function.

CALL US NOW!

866 800 0775



Products should be tested in the application before use.

**Short Rolls, White**

1.5" diameter core

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
471444	1/32	1/2	30	72
471445	1/32	3/4	30	45
471446	1/32	1	30	36
471447	1/16	1/2	30	40
471449	1/16	1	30	20

TEMPORARY DISPLAYS

CHANGEABLE GRAPHICS

REMOVABLE 1 SIDE

**Standard Rolls, White**

3" diameter core

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
471435	1/32	1/2	216	24
472226	1/32	1/2	216	12
471439	1/32	3/4	216	16
471436	1/32	1	216	12
471437	1/16	1/2	216	24
471440	1/16	3/4	216	16
471438	1/16	1	216	12
471441	1/8	1/2	108	24
471442	1/8	3/4	108	16
471443	1/8	1	108	12

**Long Rolls, White**

3" diameter core

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472883	1/32	1/2	900	16
472884	1/16	1/2	450	24

Remo One®  
used on  
price channels  
allows removal  
without adhesive  
residue



Products should be tested in the application before use.



Die cut  
diameters  
conform to  
your shape!

## Standard Roll, Black

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
471453	1/32	1/2	216	12
471454	1/32	1	216	12
471455	1/16	1/2	216	12
471456	1/16	1	216	12
471457	1/8	1/2	108	12
471458	1/8	1	108	12

## Diameters on a Roll, White

Part Number	Thickness in	Diameter in	Pieces/Roll
502457	1/32	1/2	5,000
502445	1/32	3/4	4,000
475837	1/32	1	3,000
502452	1/16	1/2	5,000
475839	1/16	1	3,000

**TAPE  
EXPERTS**

**866 800 0775**

Products should be tested in the application before use.

## Pre-Cut Pieces on a Roll, Black

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470952	1/32	1	3	2,500
470976	1/16	1/2	3	5,000
470986	1/16	1	1	5,000
470988	1/16	1	3	2,500
471020	1/8	1	1	6,500
471022	1/8	1	3	2,000

TEMPORARY DISPLAYS

CHANGEABLE GRAPHICS

REMOVABLE 1 SIDE



## TIP

Remo One® eliminates the retailer's concern about tape residue.

## NEED A CLEAR FOAM TAPE?

Check out our  
**REMO TWO® CLEAR**  
 on page 48





## WHERE TO USE THICK REMO ONE®

- Promotional and temporary signage
- Temporary and permanent displays
- Single use graphics
- Wobblers and shelf talkers

## THICK REMO ONE®

Removable foam block with aggressive permanent adhesive on one side and removable adhesive on the other, used to create 3-D effects

### Specifications

- Adhesive: Permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Intended for one-time use on hard, non-delaminating surfaces
- For lightweight applications or filling gaps

### Pre-cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
470758	1/2	1	1	3,000
470760	1/2	1	2	1,800
470762	1/2	1	3	1,200

### Pre-cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470759	1/2	1	1	12	2,400
470768	3/4	1	1	36	4,320
470770	3/4	1	3	12	1,800
470773	1	1	1	36	6,012
470775	1	1	3	12	1,440
470784	1-1/2	1-1/2	1-1/2	12	1,440
470787	2	2	2	1	840



**TRY BEFORE YOU BUY!**

Call or go online  
to order free samples.

Products should be tested in the application before use.

## Pre-cut Pieces on a Roll, Black

Part Number	Thickness in	Width in	Length in	Pieces/Roll
470889	1/2	1	1	3,000

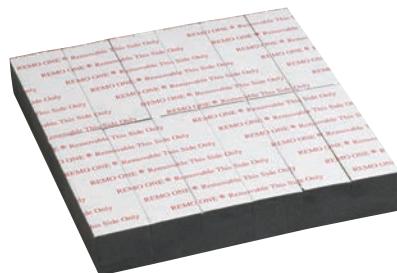
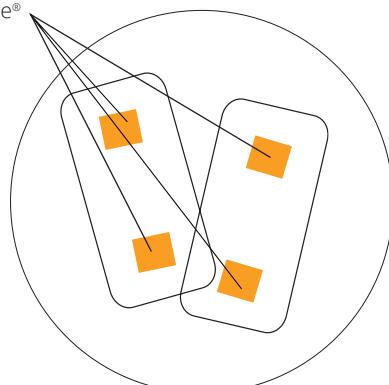


## Pre-cut Pieces in a Pad, Black

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
470890	1/2	1	1	12	2,400
470904	1	1	1	36	6,012



Thick Remo One®



Place foam blocks 1" - 2" from the edge of dimensional graphics to create a clean 3-D effect.



Products should be tested in the application before use.



### WHERE TO USE REMO TWO®

- Promotional and temporary signage
- Single use graphics
- Consumer packaging
- In kits unattached to graphics

## REMO TWO®

Double-sided adhesive foam tape with our removable adhesive on both sides

### Specifications

- Adhesive: Removable adhesive on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1/2 lb. per sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)
- Intended for one-time use on hard, non-delaminating surfaces

### Pre-cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
471089	1/32	1/2	1	10,000
471090	1/32	1/2	2	10,000
471091	1/32	1/2	3	5,000
471093	1/32	1/2	5	3,000
471097	1/32	3/4	3	5,000
471101	1/32	1	1	6,000
471102	1/32	1	2	6,000
471103	1/32	1	3	2,500
471104	1/32	1	4	2,500
471105	1/32	1	5	2,000
471125	1/16	1/2	1	10,000
471126	1/16	1/2	2	10,000
471132	1/16	3/4	2	5,000
471133	1/16	3/4	3	2,500
471040	1/16	1	1	5,000
471137	1/16	1	2	5,000
471041	1/16	1	3	2,500
471138	1/16	1	4	2,000
471139	1/16	1	5	2,000
471042	1/8	1	1	5,000
471169	1/8	1	2	2,700
471170	1/8	1	3	2,000
472887	1/4	1	1	5,000



REMOVES  
CLEANLY.  
NO RESIDUE.



Products should be tested in the application before use.

## Pre-Cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
471107	1/32	1/2	1	10	7,500
471108	1/32	1/2	2	10	4,000
471119	1/32	1	1	10	4,000
471120	1/32	1	2	10	2,000
471121	1/32	1	3	10	1,250
471122	1/32	1	4	10	1,000
471123	1/32	1	5	5	750
471152	1/16	3/4	10	2	500
471153	1/16	1	1	10	4,000
471154	1/16	1	2	10	2,000
471155	1/16	1	3	10	1,250
471183	1/8	1	1	10	3,000
471184	1/8	1	2	10	1,500
471185	1/8	1	3	10	1,000

TEMPORARY DISPLAYS

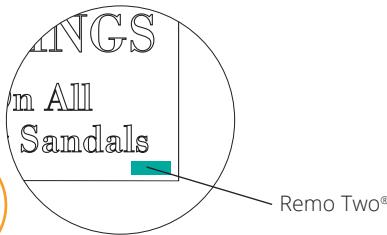
CHANGEABLE GRAPHICS

REMOVABLE 2 SIDES



Use Remo Two® to attach promotional or seasonal signs without damaging the walls.\*

\*Removes cleanly from most hard, non-delaminating surfaces.



## TIP

Use Remo Two® when packed out for in-store application to avoid wrong side use.



## Short Rolls, White

1.5" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
471474	1/32	1/2	30	72
471476	1/32	1	30	36
471477	1/16	1/2	30	40
471478	1/16	3/4	30	25
471479	1/16	1	30	20
471482	1/8	1	15	20

## Standard Rolls, White

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
471465	1/32	1/2	216	12
471466	1/32	3/4	216	16
471467	1/32	1	216	12
471468	1/16	1/2	216	12
471469	1/16	3/4	216	16
471470	1/16	1	216	12
471471	1/8	1/2	108	12
471472	1/8	3/4	108	16
471473	1/8	1	108	12

## Standard Rolls, Black

3" diameter core

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
471483	1/32	1/2	216	12
471484	1/32	1	216	12
471485	1/16	1/2	216	12
471486	1/16	1	216	12



Always start with a  
**CLEAN SURFACE**

Dirty, dusty and oily surfaces  
will stop your tape from sticking

Products should be tested in the application before use.

## THICK REMO TWO®

Double-sided adhesive foam block with removable adhesive on both sides, used to create 3-D effects

TEMPORARY  
DISPLAYS

CHANGEABLE  
GRAPHICS

REMOVABLE  
2 SIDES

### Specifications

- Adhesive: Removable on both sides
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- For lightweight applications or filling gaps

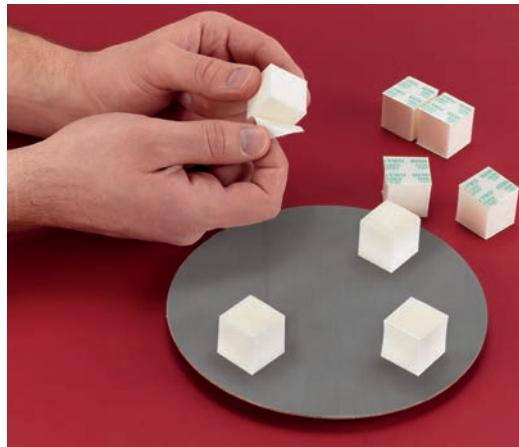
### Pre-Cut Pieces on a Roll, White

Part Number	Thickness in	Width in	Length in	Pieces/Roll
471043	1/2	1	1	3,000



### Pre-Cut Pieces in a Pad, White

Part Number	Thickness in	Width in	Length in	Pieces/Pad	Pieces/Carton
471044	1/2	1	1	12	2,400
471053	3/4	1	1	36	4,320



### WHERE TO USE THICK REMO TWO®

- Promotional and temporary signage
- Temporary and permanent displays
- Single use graphics
- Wobblers and shelf talkers



## Individual Pieces, White

Part Number	Thickness in	Width in	Length in	Pieces/carton
471058	1	1	1	6,012
471060	1	1	3	1,440
471072	2	2	2	840



## TIPS

- Attach temporary, lightweight graphics at location making them "stand out" on existing signs or displays.
- Try black Thick Remo Two® on dark backgrounds.
- Place foam blocks 1" – 2" from the edge of dimensional graphics to create a clean 3-D effect.



FAST  
SHIPPING



**When time is limited,  
every second counts.**

So, we've extended our  
same day shipping hours to better  
meet your needs on in-stock products.

*Products should be tested in the application before use.*

## Pre-Cut Pieces on a Roll, Black

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
471188	1/2	1	1	3,000



## Pre-Cut Pieces in a Pad, Black

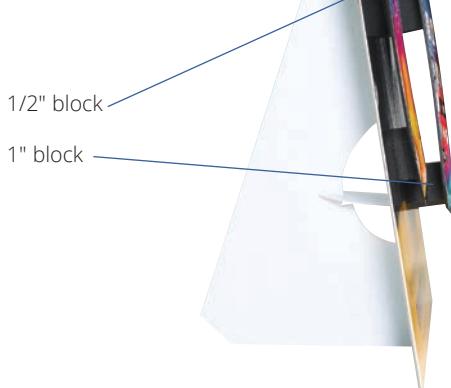
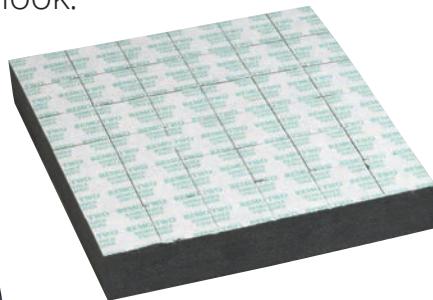
Part Number	Thickness	Width	Length	Pieces/Pad	Pieces/Carton
	in	in	in		
471189	1/2	1	1	12	2,400

## Individual pieces, Black

Part Number	Thickness	Width	Length	Pieces/Carton
	in	in	in	
471203	1	1	1	6,012



Use black foam blocks  
on dark backgrounds  
for a clean look.



Products should be tested in the application before use.



# Duraco High Bond® Tapes

Duraco High Bond® Clear .....	50
Duraco High Bond® White .....	51
Duraco High Bond® Gray .....	52
Duraco High Bond® Black .....	52

Permanent tape  
with an extremely  
strong bond,  
which is superior  
to screws, rivets  
and fasteners

Duraco High Bond® tapes are high performance acrylic foam core tapes that meet wide application needs.



Clear series is perfect for glass or clear acrylic applications

## WHERE TO USE DURACO HIGH BOND®

- Appliance: replace mechanical fasteners in consumer and commercial appliances
- Design: seamless attachment of decorative panels
- Electronics: LCD displays, hand-held electronic assembly, data enclosures
- Event Promotion: seamless banner assembly and sign installation
- HVAC: replace mechanical fasteners and welding in heating and air conditioning unit assembly
- POP Displays: clean design without unsightly mechanical fasteners
- Sign Manufacturing: interior and exterior sign mounting

## DURACO HIGH BOND®

Permanent bond

### Features

- Wide Service Temperature Range: -20°F to 300°F
- Aesthetically pleasing — create nearly invisible bond lines without unsightly welds, rivets and screws
- Tamper resistant – permanent bond
- Great for bonding dissimilar metals
- Expanded clear series is perfect for bonding clear acrylic and glass products
- Excellent resistance to temperature cycles
- Unique shock absorption and vibration damping properties
- Good conformability/softness for irregular or curved surfaces

## DURACO HIGH BOND® CLEAR

### Rolls

3" diameter core

Part Number	Series	Thickness	Width	Length	Service Temp.
		in	in	ft	°F
472939	23	.020	1/2	216	-20 to 300
472940	23	.020	3/4	216	-20 to 300
472941	23	.020	1	216	-20 to 300
472942	34	.040	1/2	108	-20 to 300
472943	34	.040	3/4	108	-20 to 300
472944	34	.040	1	108	-20 to 300
475721	35	.060	1/2	108	-20 to 300
475722	35	.060	3/4	108	-20 to 300
475723	35	.060	1	108	-20 to 300
475724	07	.080	1/2	54	-20 to 300
475725	07	.080	3/4	54	-20 to 300
475726	07	.080	1	54	-20 to 300

### Pre-cut Pieces on a Roll

Part Number	Series	Thickness	Width	Length	Service Temp.	Pieces/Roll
		in	in	in	°F	
475730	23	.020	1	1	-20 to 300	2,500
475731	23	.020	1	2	-20 to 300	2,500
475732	23	.020	1	3	-20 to 300	2,000
475625	23	.020	1	4	-20 to 300	2,000
475733	34	.040	1	1	-20 to 300	1,250
475734	34	.040	1	2	-20 to 300	1,250
475735	34	.040	1	3	-20 to 300	1,000
475658	34	.040	1	4	-20 to 300	1,000

Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.

Products should be tested in the application before use.

PERMANENT  
DISPLAYS

## DURACO HIGH BOND® WHITE

## Rolls

3" diameter core

Part Number	Series	Thickness	Width	Length	Service Temp.
		in	in	ft	°F
475706	24	.010	1/2	432	-20 to 240
475707	24	.010	3/4	432	-20 to 240
475708	24	.010	1	432	-20 to 240
472954	56	.015	1/2	108	-20 to 240
472955	56	.015	3/4	108	-20 to 240
472956	56	.015	1	108	-20 to 240
472957	72	.025	1/2	108	-20 to 240
472958	72	.025	3/4	108	-20 to 240
472959	72	.025	1	108	-20 to 240
472948	40	.045	1/2	108	-20 to 240
472949	40	.045	3/4	108	-20 to 240
472950	40	.045	1	108	-20 to 240
475709	02	.062	1/2	108	-20 to 240
475710	02	.062	3/4	108	-20 to 240
475711	02	.062	1	108	-20 to 240
475712	04	.080	1/2	108	-20 to 240
475713	04	.080	3/4	108	-20 to 240
475714	04	.080	1	108	-20 to 240
475715	51	.120	1/2	39	-20 to 300
475716	51	.120	3/4	39	-20 to 300
475717	51	.120	1	39	-20 to 300

## Pre-cut Pieces on a Roll

Part Number	Series	Thickness	Width	Length	Service Temp.	Pieces/Roll
		in	in	in	°F	
475740	40	.045	1	1	-20 to 240	1,250
475741	40	.045	1	2	-20 to 240	1,250
475742	40	.045	1	3	-20 to 240	1,000
475743	40	.045	1	4	-20 to 240	1,000



866 800 0775

Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.

Products should be tested in the application before use.

PERMANENT  
DISPLAYS



*Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.*

*Products should be tested in the application before use.*

## DURACO HIGH BOND® GRAY

### Rolls

3" diameter core

Part Number	Series	Thickness	Width	Length	Service Temp.
		in	in	ft	°F
472951	21	.015	1/2	108	-20 to 300
472952	21	.015	3/4	108	-20 to 300
472953	21	.015	1	108	-20 to 300
475727	31	.025	1/2	216	-20 to 300
475728	31	.025	3/4	216	-20 to 300
475729	31	.025	1	216	-20 to 300
472945	14	.045	1/2	108	-20 to 240
472946	14	.045	3/4	108	-20 to 240
472947	14	.045	1	108	-20 to 240
475703	10	.062	1/2	108	-20 to 300
475704	10	.062	3/4	108	-20 to 300
475705	10	.062	1	108	-20 to 300

### Pre-cut Pieces on a Roll

Part Number	Series	Thickness	Width	Length	Service Temp.	Pieces/Roll
		in	in	in	°F	
475736	14	.045	1	1	-20 to 240	1,250
475737	14	.045	1	2	-20 to 240	1,250
475738	14	.045	1	3	-20 to 240	1,000
475739	14	.045	1	4	-20 to 240	1,000

## DURACO HIGH BOND® BLACK

### Rolls, General Purpose

3" diameter core

Part Number	Series	Thickness	Width	Length	Service Temp.
		in	in	ft	°F
472960	33	.025	1/2	108	-20 to 200
472961	33	.025	3/4	108	-20 to 200
472962	33	.025	1	108	-20 to 200
472963	26	.045	1/2	108	-20 to 200
472964	26	.045	3/4	108	-20 to 200
472965	26	.045	1	108	-20 to 200

### Rolls, Conformable for Powder Coat

3" diameter core

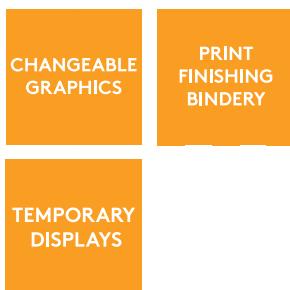
Part Number	Series	Thickness	Width	Length	Service Temp.
		in	in	ft	°F
475697	09	.025	1/2	216	-20 to 200
475698	09	.025	3/4	216	-20 to 200
475699	09	.025	1	216	-20 to 200
475700	16	.045	1/2	108	-20 to 200
475701	16	.045	3/4	108	-20 to 200
475702	16	.045	1	108	-20 to 200

# Hook and Loop Fasteners

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Pre-cut and  
mated sizes  
in stock

Duraco® Hook and Loop fasteners have a strong adhesive that adheres quickly. The products come on a clear polyester liner for easy release.



## DURACO® HOOK AND LOOP

Strong hook and loop fastening on a clear polyester liner for easy release

### Specifications

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% nylon with clear polyester film liner
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features

- Clear polyester liner for easy release
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood and powder-coated metal

### Pre-Cut Pieces, White

Part Number		Width	Length	Pieces/Carton
Hook Side	Loop Side	in	in	
476832	476852	3/4	3	5,000
476837	476857	1	2	5,000
476838	476858	1	3	5,000
476839	476859	1	4	3,000
476841	476861	1	10	2,000

### Pre-Cut Pieces, Black

Part Number		Width	Length	Pieces/Carton
Hook Side	Loop Side	in	in	
476877	476897	1	2	5,000
476878	476898	1	3	5,000
476879	476899	1	4	3,000
476880	476900	1	5	2,500

### WHERE TO USE DURACO® HOOK AND LOOP

- Sample books
- POP displays
- Exhibits
- Enclosures
- Packaging
- Binders
- Pallet skirts



### DON'T SEE WHAT YOU NEED?

Call us and let one of our experts help you find the right product for the job!

Products should be tested in the application before use.



## Rolls, White

Part Number		Width	Length
Hook Side	Loop Side	in	yd
476804	476816	1/2	25
476805	476817	5/8	25
476806	476818	3/4	25
476807	476819	1	25
476808	476820	1-1/2	25
476809	476821	2	25

## Rolls, Black

Part Number		Width	Length
Hook Side	Loop Side	in	yd
476798	476810	1/2	25
476799	476811	5/8	25
476800	476812	3/4	25
476803	476813	1	25
476801	476814	1-1/2	25
476802	476815	2	25

## Coins on a Roll, White

Part Number		Diameter in	Coins/Roll	Rolls/Carton
Hook Side	Loop Side			
476959	476961	3/8	1,800	24
476946	476954	1/2	1,440	24
476947	476955	5/8	1,200	24
476948	476956	3/4	1,028	18
476949	476957	7/8	900	18

## Coins on a Roll, Black

Part Number		Diameter in	Coins/Roll	Rolls/Carton
Hook Side	Loop Side			
476958	476960	3/8	1,800	24
476942	476950	1/2	1,440	24
476943	476951	5/8	1,200	24
476944	476952	3/4	1,028	18
476945	476953	7/8	900	18

Use Duraco® Hook and Loop for signs that require frequent updating

### TIP

Use Duraco® Hook and Loop coins for packaging closures.

CHANGEABLE  
GRAPHICS

PRINT  
FINISHING  
BINDERY

TEMPORARY  
DISPLAYS

## Spools, White

Part Number		Width	Length
Hook Side	Loop Side	in	yd
476962	476963	1/2	1,200
476970	476971	3/4	800
476974	476975	1	650

## Spools, Black

Part Number		Width	Length
Hook Side	Loop Side	in	yd
476964	476965	1/2	1,200
476972	476973	3/4	800
476976	476977	1	650



ORDERING  
HOOK?

DON'T  
FORGET THE  
LOOP!

**NEED A REMOVABLE TAPE?**

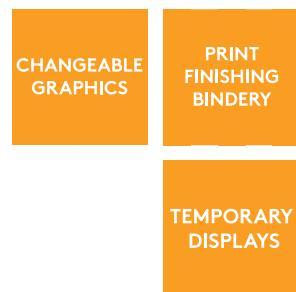


Check out our **REMO ONE®**  
products starting on page 33

*Products should be tested in the application before use.*

**Mated Sets, White**

Part Number	Width in	Length in	Sets/Carton
476904	1/2	2	5,000
476911	3/4	2	4,000
476912	3/4	3	2,500
476913	3/4	4	2,000
476914	3/4	5	1,500
476915	3/4	10	750
476916	1	1	5,000
476917	1	2	2,500
476918	1	3	2,000
476919	1	4	1,500
476920	1	5	1,000
476921	1	10	500

**Mated Sets, Black**

Part Number	Width in	Length in	Sets/Carton
476931	3/4	2	4,000
476932	3/4	3	2,500
476933	3/4	4	2,000
476936	1	1	5,000
476937	1	2	2,500
476938	1	3	2,000
476939	1	4	1,500
476940	1	5	1,000
476941	1	10	500

**Mated Coins on a Roll, White**

Part Number	Diameter in	Sets/Roll
476982	3/8	1,500
476983	1/2	1,000
476985	3/4	1,000
476986	7/8	1,000

**Mated Coins on a Roll, Black**

Part Number	Diameter in	Sets/Roll
476990	3/8	1,500
476991	1/2	1,000
476993	3/4	1,000
476994	7/8	1,000



Products should be tested in the application before use.



### WHERE TO USE DURACO® HOOK AND LOOP LOW PROFILE

- Sample books
- POP displays
- Exhibits
- Enclosures
- Packaging
- Binders



## DURACO® HOOK AND LOOP LOW PROFILE

Strong adhesive backing in a new slim profile that is up to 40% thinner than standard hook and loop

### Specifications

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% nylon with clear polyester film liner
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features

- Permanent adhesive
- Bond well to low surface energy plastics, corrugate, chipboard, glass, wood and powder-coated metal

## Rolls, White

Part Number		Width	Length	Rolls/Carton
Hook Side	Loop Side	in	yd	
475792	475796	1/2	25	40
475793	475797	5/8	25	30
475794	475798	3/4	25	25
475795	475799	1	25	20

## Rolls, Black

Part Number		Width	Length	Rolls/Carton
Hook Side	Loop Side	in	yd	
475800	475804	1/2	25	40
475801	475805	5/8	25	30
475802	475806	3/4	25	25
475803	475807	1	25	20

## Coins on a Roll, White

Part Number		Diameter	Coins/Roll	Rolls/Carton
Hook Side	Loop Side	in		
475808	475812	1/2	1,440	30
475809	475813	5/8	1,200	25
475810	475814	3/4	1,028	20
475811	475815	7/8	900	20

## Coins on a Roll, Black

Part Number		Diameter	Coins/Roll	Rolls/Carton
Hook Side	Loop Side	in		
475816	475820	1/2	1,440	30
475817	475821	5/8	1,200	25
475818	475822	3/4	1,028	20
475819	475823	7/8	900	20

*Products should be tested in the application before use.*

## DURACO® THICK HOOK AND LOOP

Combines Twin Stick® with Duraco® Hook and Loop for better gap filling and conformability in a hook and loop fastener

CHANGEABLE  
GRAPHICS

PRINT  
FINISHING  
BINDERY

TEMPORARY  
DISPLAYS

### Specifications

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% nylon with clear polyester film liner
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features

- Permanent adhesive
- Better gap filling and conformability

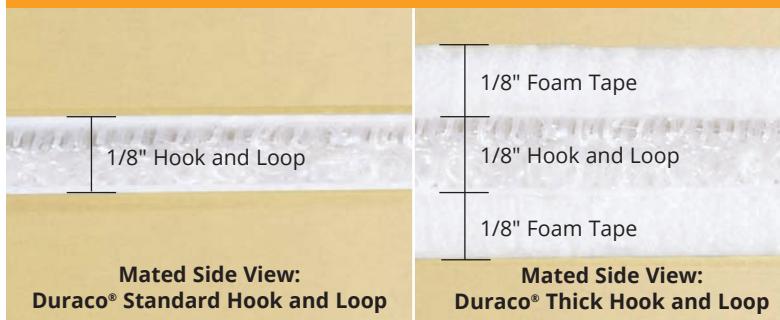
### Pre-Cut Pieces on a Roll, Black

Part Number		Foam Thickness	Width	Length	Pieces/Roll
Hook Side	Loop Side	in	in	in	
471697	471706	1/8	1	4	1,500



HOOK AND LOOP FASTENERS

### COMPARE THICK HOOK AND LOOP TO OUR STANDARD HOOK AND LOOP



Fill gaps  
in packaging  
closures

*Products should be tested in the application before use.*

CHANGEABLE GRAPHICS

PRINT FINISHING BINDERY

TEMPORARY DISPLAYS

## DURACO® HOOK AND LOOP SEW ON

Provides strong hook and loop fastening and durability for sew on applications

### Specifications

- Material: 100% nylon
- No adhesive

### Rolls, White

Part Number		Width	Length	Rolls/Carton
Hook Side	Loop Side	in	yd	
472966	472967	1/2	25	40
472970	472971	5/8	25	30
472974	472975	3/4	25	25
472978	472979	1	25	20
472982	472983	1-1/2	25	14
472986	472987	2	25	10
472990	472991	4	25	5

### Rolls, Black

Part Number		Width	Length	Rolls/Carton
Hook Side	Loop Side	in	yd	
472968	472969	1/2	25	40
472972	472973	5/8	25	30
472976	472977	3/4	25	25
472980	472981	1	25	20
472984	472985	1-1/2	25	14
472988	472989	2	25	10
472992	472993	4	25	5

### WHERE TO USE DURACO® HOOK AND LOOP SEW ON

- Banners
- Event design
- Trade shows
- Fabric displays
- Orthopedics
- Medical devices
- Apparel



IN STOCK



866 800 0775

Products should be tested in the application before use.

# Film Tapes

## Film Tapes General Adhesive Comparison

### RUBBER-BASED

- High initial adhesion
- High shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance
- Good bond to low surface energy substrates

### ACRYLIC-BASED

- Fair initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Poor bond to low surface energy substrates

### HI-TACK ACRYLIC

- High initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Fair bond to low surface energy substrates

### REMOVABLE

- Does not leave residue
- Removes cleanly from most hard, non-delaminating surfaces
- Good bond to low surface energy substrates
- Great for lighter weight applications

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Thin tapes  
made with  
Duraco's leading  
adhesives



Use for  
indirect food  
contact

## WHERE TO USE 4581

- Transit packaging
- Folding cartons
- Posters / Signage
- Overnight mailing envelopes

## 4581 DRY EDGE

Duraco's 4581 is an aggressive adhesive system offering excellent initial tack and adhesion, available in multiple styles fit for many applications. 4581 Dry Edge is made for securely sealing anything in transit. Also, ideal for permanently bonding paper and card stock.

### Specifications

- Adhesive: Rubber-based permanent on both sides of PET film carrier
- Application Temperature: 65°F to 100°F
- Service Temperature: 0°F to 158°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- High shear properties
- High peel strength
- Minimal adhesive residue
- Aggressive quick stick
- Printed release liner
- Available in long length rolls for automatic application
- Efficient alternative to glue lines

## Rolls

3" diameter core

Part Number	Liner Width in	Adhesive 1 Width in	Adhesive 2 Width in	Roll Length ft
479108	1-1/4	1-1/4	1	2,000
479109	1-1/2	1-1/2	1-1/4	2,000
479110	1-3/4	1-3/4	1-1/2	2,000



Products should be tested in the application before use.

## 4581 FINGER LIFT and 4581 EDGE TO EDGE

4581 Finger Lift is a double-sided tape with a film carrier with an extended liner for easy removal

### Specifications

- Adhesive: Rubber-based permanent on both sides of PET film carrier
- Application Temperature: 65°F to 100°F
- Service Temperature: 0°F to 158°F
- Classifications: FDA Regulation 175.105 for indirect food contact

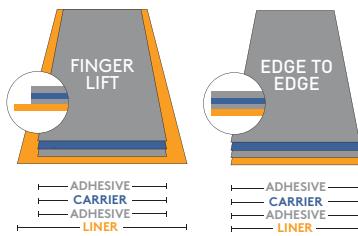
### Features

- High shear properties
- High peel strength
- Minimal adhesive residue
- Aggressive quick stick
- Printed release liner
- Available in long length rolls for automatic application
- Efficient alternative to glue lines

### Finger Lift Rolls

3" diameter core

Part Number	Liner Width	Adhesive Width	Roll Length	Rolls/Carton
	in	in		
479092	1/2	1/4	216	40
479093	3/4	1/2	216	24
479094	1	3/4	216	20
479095	1/2	1/4	1620	10
479096	3/4	1/2	1620	7
479097	1	3/4	1620	5



### Edge to Edge Rolls

3" diameter core

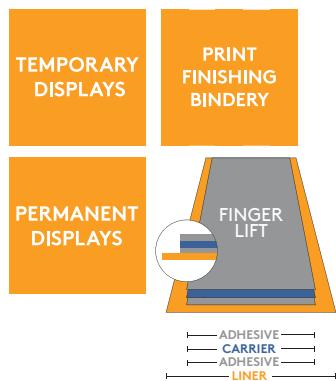
Part Number	Liner Width	Adhesive Width	Roll Length	Rolls/Carton
	in	in		
479098	1/2	1/2	1500	12
479099	3/4	3/4	1500	8
479100	1	1	750	6



### WHERE TO USE 4581 FINGER LIFT and 4581 EDGE TO EDGE

- Point of Purchase displays
- Transit packaging
- Folding cartons
- Posters / Signage
- Overnight mailing envelopes

Products should be tested in the application before use.



## 4481 FINGER LIFT

General purpose

Use for  
indirect food  
contact

### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 50°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- Double-sided PET film tape coated both sides with an aggressive hot-melt rubber-based permanent adhesive
- Ideal for permanently bonding paper and card stock

### Short Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
492066	5.9	2.8	1/2	1/4	216	6
492069	5.9	2.8	3/4	1/2	216	6
492072	5.9	2.8	1	3/4	216	6

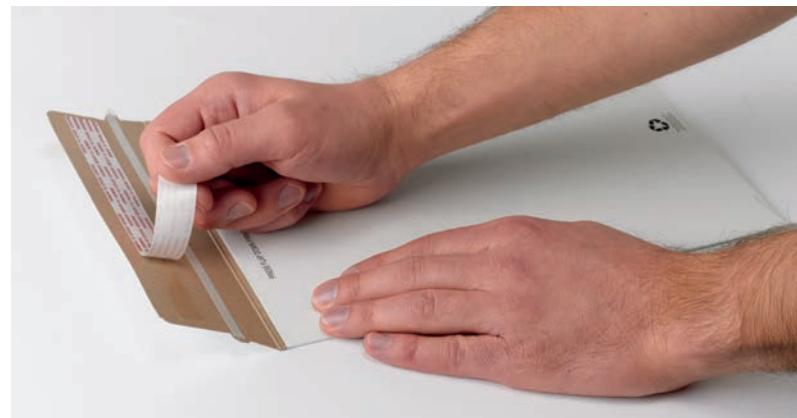
### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
492067	5.9	2.8	1/2	1/4	1,080	12-1/2
492068	5.9	2.8	1/2	1/4	1,620	15-1/2
492070	5.9	2.8	3/4	1/2	1,080	12-1/2
492071	5.9	2.8	3/4	1/2	1,620	15-1/2
492073	5.9	2.8	1	3/4	1,080	12-1/2
492074	5.9	2.8	1	3/4	1,620	15-1/2

### WHERE TO USE 4481

- Corrugated overnight boxes
- POP assembly



\*Roll diameter listed is nominal  
with a tolerance of +/- 6%.

Products should be tested in the application before use.

## 4181 HI-LO FINGER LIFT

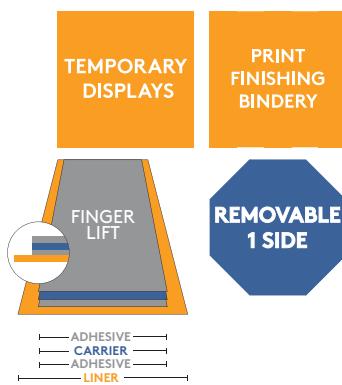
Standard tape for reseal use; removable one side

### Specifications

- Adhesive: Hot melt rubber-based permanent/water-based acrylic removable
- Application Temperature: 50°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- Double-sided PET film tape coated with a permanent adhesive on exposed side and a removable adhesive on liner side
- Suitable for resealable packaging and mounting lightweight, temporary graphics



### Short Rolls

3" diameter core

Part Number	Adhesive + Carrier mil	Liner mil	Liner Width in	Adhesive Width in	Length ft	Roll Diameter* in
492057	2.2	2.2	1/2	1/4	216	4-3/8
492060	2.2	2.2	3/4	1/2	216	4-3/8
492063	2.2	2.2	1	3/4	216	4-3/8



### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier mil	Liner mil	Liner Width in	Adhesive Width in	Length ft	Roll Diameter* in
492058	2.2	2.2	1/2	1/4	1,300	10-1/8
492059	2.2	2.2	1/2	1/4	2,000	12-1/2
492061	2.2	2.2	3/4	1/2	1,300	10-1/8
492062	2.2	2.2	3/4	1/2	2,000	12-1/2
492064	2.2	2.2	1	3/4	1,300	10-1/8
492065	2.2	2.2	1	3/4	2,000	12-1/2

### WHERE TO USE 4181 HI-LO

- Protection/scratch pads
- Poster mounting
- Core splicing
- Resealable envelopes
- Packaging

Duraco HI-LO tapes offer the versatility of removable and permanent adhesive in the same product — **removable on the liner side and permanent on the exposed side**.



\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Products should be tested in the application before use.



## 4081 HI-LO ACRYLIC FINGER LIFT

Acrylic version of 4181; resealable with UV and high temperature resistance

### Specifications

- Adhesive: Water-based acrylic permanent on exposed side/water-based peelable acrylic removable on liner side
- Application Temperature: 41°F to 122°F
- Service Temperature: -13 to 248°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- Double-sided PET film tape coated with a permanent adhesive on exposed side and a removable adhesive on liner side
- Good UV light resistance
- High performance over a wide temperature range
- Suitable for window posters and other lightweight, temporary graphics exposed to sunlight

### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
492049	2.0	2.2	1/2	1/4	1/4	1,300	10
492050	2.0	2.2	1/2	1/4	1/4	2,000	12-1/4
492052	2.0	2.2	3/4	1/2	1/2	1,300	10
492053	2.0	2.2	3/4	1/2	1/2	2,000	12-1/4
492055	2.0	2.2	1	3/4	3/4	1,300	10
492056	2.0	2.2	1	3/4	3/4	2,000	12-1/4

### WHERE TO USE 4081 HI-LO

- Protection/scratch pads
- Poster mounting
- Core splicing
- Resealable envelopes
- Packaging

## PREFER A HOOK AND LOOP FASTENER?

Visit pages 53-60 for Hook and Loop coins, pieces, rolls and spools!



Deadline fast approaching?  
Discover our in stock products  
for immediate delivery!

IN STOCK

866 800 0775

[duraco.com](http://duraco.com)



\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Products should be tested in the application before use.

## TEAR TAPE

Duraco is recognized globally as the leading supplier of pressure-sensitive tear tape. Duraco tear tapes meet market requirements across a wide variety of boxboard and flexible packaging

### Specifications

- Adhesive: Aqueous-based pressure sensitive
- Shelf life: 6 years

### Features

- Provides fast, safe and immediate opening of corrugated and fiberboard cartons

## RIPPATAPE™

Self-adhesive tear tape providing fast, safe and immediate opening of corrugated and fiberboard cartons

Part Number	Part Number	Thickness	Width	Length	Roll Diameter	Increment Order Qty
		micron	mm	km	mm	
472481	R1C040WHT0183	60	4	18.3	315	1 Spool
472482	R1C060WHT0183	60	6	18.3	380	1 Spool
472483	R1E040WHT0137	125	4	13.7	345	1 Spool
472484	R1E060WHT0100	125	6	10	345	1 Spool



## WHERE TO USE TEAR TAPE

- Corrugated mailing envelopes
- Shelf-ready store display shipping cartons
- Reinforcement for corrugated packaging
- Easy opening for corrugated packaging

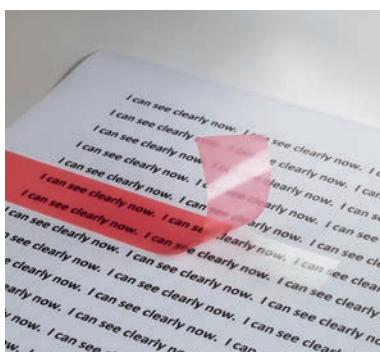


Rippatape™ gives safe and immediate access to the carton contents.



### WHERE TO USE DURACO® RED

- Signs
- POP displays
- Graphics with UV coating
- Profile extrusions
- Low surface energy substrates



Duraco® Red's clarity keeps graphics sharp and readable — no yellow or foggy appearance

## DURACO® RED

High performance, clear, double-sided tape designed for hard-to-stick applications

### Specifications

- Adhesive: Modified Acrylic
- Thickness: 8 mil (adhesive with carrier)
- Application Temperature: 65°F to 100°
- Service Temperature: -14 to 300°F

### Features

- Strong plasticizer resistance, tolerates high-temperature applications and sticks well to UV coatings
- Stocked in rolls up to 1,500 feet in length for automatic applications and pre-cut pieces to save time with hand applications

### Standard Rolls

3" diameter core

Part Number	Width in	Length ft	Rolls/Carton
476647	3/8	180	64
476648	1/2	180	48
476649	3/4	180	32
476650	1	180	24
476651	2	180	12
476652	3	180	8

### Long Rolls

3" diameter core

Part Number	Width in	Length ft	Rolls/Carton
476653	3/8	750	14
476654	1/2	750	12
478904	1/2	1,500	8
476655	3/4	750	9
478905	3/4	1,500	6
476656	1	750	6
478926	1	1,500	4

### Pre-Cut Pieces on a Roll

Part Number	Width in	Length in	Pieces/Roll
476657	1/2	1	7,500
476658	1/2	2	5,000
476659	1/2	3	2,500
476660	1/2	4	2,500
478705	1/2	5	5,000
476667	1	1	5,000
476668	1	2	2,500
476669	1	3	2,000
478703	1	4	2,500
478704	1	5	2,500

Products should be tested in the application before use.

## DURACO® RED FINGER LIFT

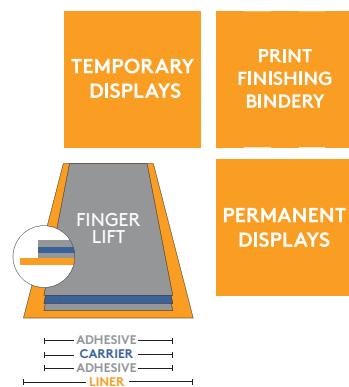
Finger lift version of Duraco's high performance, clear, double-sided tape designed for hard to stick applications

### Specifications

- Adhesive: Modified acrylic
- Application Temperature: 65°F to 100°F
- Service Temperature: -14°F to 300°F

### Features

- Transparent red liner to facilitate precise positioning of the tape
- Clear adhesive has excellent plasticizer resistance and tolerates high temperature applications
- Ideal for hard-to-stick applications, especially UV-coated materials



### Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
478189	8	3	3/4	1/2	750	12
478190	8	3	1	3/4	750	12
478191	8	3	1- 1/4	1	750	12



Duraco® Red, a customer favorite for hard-to-stick paperboard applications, is now offered with a Finger Lift edge to decrease assembly time during fulfillment.

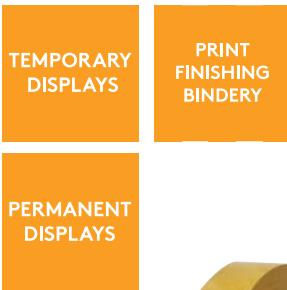


### WHERE TO USE DURACO® RED FINGER LIFT

- Signs
- POP displays
- Graphics with UV coating
- Profile extrusions
- Folding cartons
- Clear acrylic or glass

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Products should be tested in the application before use.



### WHERE TO USE DURACO® GOLD 9970

- General bonding
- Nameplates
- Decorative trim
- Signs
- POP displays
- Irregular surfaces

## DURACO® GOLD 9970

White PVC film carrier double-sided tape with excellent adhesion properties

#### Specifications

- Adhesive: Acrylic-based permanent on both sides
- Backing: PVC film
- Thickness: 9 mil
- Application Temperature: 65°F to 100°
- Service Temperature: 14°F to 176°F

#### Features

- The extra thickness of this film makes Duraco® Gold a great choice for textured or irregular surfaces

### Standard Rolls

*3" diameter core*

Part Number	Width in	Length ft	Roll Diameter* in	Rolls/Carton
476017	3/8	180	6-5/8	48
476018	1/2	180	6-5/8	36
476019	3/4	180	6-5/8	24
476020	1	180	6-5/8	18
476021	2	180	6-5/8	9

### Long Rolls

*3" diameter core*

Part Number	Width in	Length ft	Roll Diameter* in	Rolls/Carton
476023	1/2	750	12-1/4	12
476024	3/4	750	12-1/4	8
476025	1	750	12-1/4	6

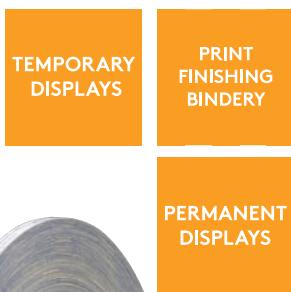
\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Duraco® Gold  
products are  
conformable  
and thinner  
than foam

*Products should be tested in the application before use.*

## DK FILM®

Provides the tack of our permanent rubber-based adhesive without the thickness of foam tape



### Specifications

- Adhesive: Rubber-based permanent on both sides (not recommended for direct UV exposure. See application notes for more information)
- Thickness: 0.5 mil film, 1.25 mil to 2 mil adhesive on each side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 190°F

### Features

- Rubber-based adhesives have good initial tack/quick-stick and are designed to bond to many different types of surfaces
- Pre-cut pieces available for faster assembly of POP displays and signage
- Rolls up to 3,000 feet in length designed to improve efficiencies in automatic applications

### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier		Width in	Length ft	Roll Diameter in	Rolls/Carton
	mil	in				
473013	3.0	1/2	180	5-3/4	48	
473014	3.0	3/4	180	5-3/4	32	
473015	3.0	1	180	5-3/4	24	
473016	3.0	2	180	5-3/4	12	
472885	4.5	1/4	180	6-5/8	64	
471707	4.5	3/8	180	6-5/8	40	
471710	4.5	1/2	180	6-5/8	48	
471712	4.5	3/4	180	6-5/8	32	
471713	4.5	1	180	6-5/8	24	
471715	4.5	2	180	6-5/8	12	
471716	4.5	3	180	6-5/8	8	
471717	4.5	12	180	6-5/8	4	

### Long Rolls

3" diameter core

Part Number	Adhesive + Carrier		Width in	Length ft	Roll Diameter in	Rolls/Carton
	mil	in				
473017	3.0	1/2	1,000	10-13/16	18	
473021	3.0	1/2	3,000	18-3/16	12	
473018	3.0	3/4	1,000	10-13/16	12	
473022	3.0	3/4	3,000	18-3/16	4	
473019	3.0	1	1,000	10-13/16	9	
473023	3.0	1	3,000	18-3/16	6	
473020	3.0	2	1,000	10-13/16	4	
471708	4.5	3/8	750	12-1/8	14	
471709	4.5	1/2	1,500	17	12	
471711	4.5	3/4	1,500	17	8	
471714	4.5	1	750	12-1/8	6	

(more stock sizes continued on next page)



### WHERE TO USE DK FILM®

- Extrusions
- Nameplates
- Packaging and bindery
- Signage
- POP displays
- Corrugated folders/boxes
- Wire raceways
- Plastic fasteners



### TIPS

- Use the thinner 3.0 mil adhesive for less demanding, more cost sensitive applications.
- Use the thicker 4.5 mil adhesive for applications that require higher shear strength.

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Products should be tested in the application before use.

TEMPORARY  
DISPLAYS

PRINT  
FINISHING  
BINDERY

PERMANENT  
DISPLAYS

## Spools

Part Number	Adhesive + Carrier	Width	Length	Spools/Carton
	mil	in	ft	
475425	3.5	1/2	20,000	1
475426	3.5	3/4	15,000	1
475427	3.5	1	10,000	1



## Laminating Tape, Wide Width Rolls

Part Number	Adhesive + Carrier	Width	Length	Rolls/Carton
	mil	in	ft	
473154	3.0	24	180	2
471717	4.5	12	180	2



## Pre-Cut Pieces on a Roll

Part Number	Adhesive + Carrier	Width	Length	Pieces/Roll
	mil	in	in	
471718	4.5	1/2	1	10,000
471719	4.5	1/2	2	10,000
471720	4.5	1/2	3	5,000
471721	4.5	1/2	4	5,000
471722	4.5	1/2	5	3,000
471723	4.5	1/2	6	3,000
471724	4.5	1/2	7	2,000
471725	4.5	1/2	8	2,000
471726	4.5	1/2	9	2,000
471727	4.5	1/2	10	2,000
471728	4.5	1/2	11	2,000

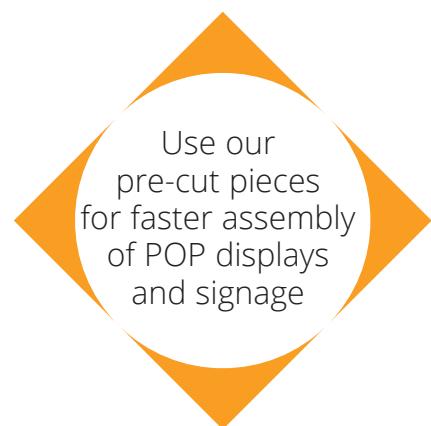


(more stock sizes continued on next page)

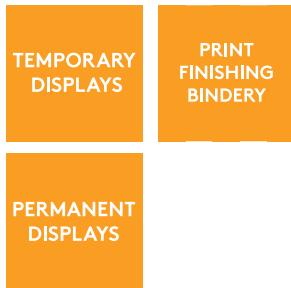
Products should be tested in the application before use.

## Pre-Cut Pieces on a Roll

Part Number	Adhesive + Carrier	Width	Length	Pieces/Roll
		mil	in	
471743	4.5	3/4	1	10,000
471744	4.5	3/4	2	5,000
471745	4.5	3/4	3	5,000
471746	4.5	3/4	4	2,500
471747	4.5	3/4	5	2,000
471748	4.5	3/4	6	2,000
471749	4.5	3/4	7	2,000
471750	4.5	3/4	8	2,000
471751	4.5	3/4	9	2,000
478695	4.5	3/4	10	3,500
478696	4.5	3/4	11	4,000
478697	4.5	3/4	12	3,500
478698	4.5	3/4	13	4,000
478699	4.5	3/4	14	4,000
478700	4.5	3/4	15	4,000
478701	4.5	3/4	16	4,000
471768	4.5	1	1	10,000
471769	4.5	1	2	6,300
471770	4.5	1	3	4,000
471771	4.5	1	4	2,500
471772	4.5	1	5	2,000
471773	4.5	1	6	2,000
478692	4.5	1	7	3,000
478693	4.5	1	8	2,500
478694	4.5	1	9	2,500
478681	4.5	1	10	2,500
478682	4.5	1	11	3,000
478683	4.5	1	12	2,500
478684	4.5	1	13	2,500
478685	4.5	1	14	3,000
478686	4.5	1	15	3,000
478687	4.5	1	16	3,000
478688	4.5	1	17	3,000
478689	4.5	1	18	3,000
478690	4.5	1	19	2,500
478691	4.5	1	20	2,500



Products should be tested in the application before use.



## DK FILM® ACRYLIC

Ideal for demanding indoor and moderate outdoor applications

### Specifications

- Adhesive: Acrylic-based permanent on both sides
- Thickness: 0.5 mil film, 1.65 mil adhesive on each side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F

### Features

- Good shear strength
- High temperature resistance; good UV and weather resistance
- Good adhesion to flexible plastics
- Our rolls, up to 1,500 feet in length, are designed to improve efficiencies in automatic applications
- Wider widths are perfect for laminating and wide format graphics

### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter* in	Rolls/Carton
472523	3.8	1/2	180	6-5/8	48
472524	3.8	3/4	180	6-5/8	32
472525	3.8	1	180	6-5/8	24

### Laminating Tape, Wide Width

3" diameter core

Part Number	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter* in	Rolls/Carton
472528	3.8	12	180	6-5/8	2
473162	3.8	24	180	6-5/8	2
473163	3.8	36	180	6-5/8	1

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

### WHERE TO USE DK FILM® ACRYLIC

- Extrusions
- Nameplates
- Packaging and bindery
- Signage
- POP displays
- Corrugated folders/boxes
- Wire raceways
- Plastic fasteners



### CALL AN EXPERT!

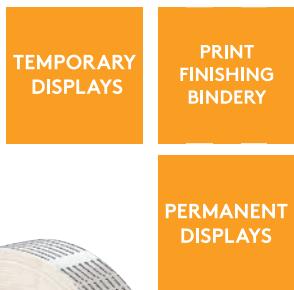
Can't find what you need?  
Call us and let one of our  
experts help you find the  
right product for the job!

866 800 0775

Products should be tested in the application before use.

## DK FILM® HI-TACK ACRYLIC

Performs in the most demanding applications



### Specifications

- Adhesive: Acrylic-based permanent on both sides
- Thickness: 0.5 mil film, 1.5 mil adhesive on each side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F

### Features

- Good initial tack
- High performing long-term adhesive bond
- Excellent UV resistance
- Good plasticizer resistance

### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier	Width	Length	Roll Diameter*	Rolls/Carton
473037	3.5	1/2	180	5-7/8	48
473038	3.5	3/4	180	5-7/8	32
473039	3.5	1	180	5-7/8	24



### Laminating Tape, Wide Width

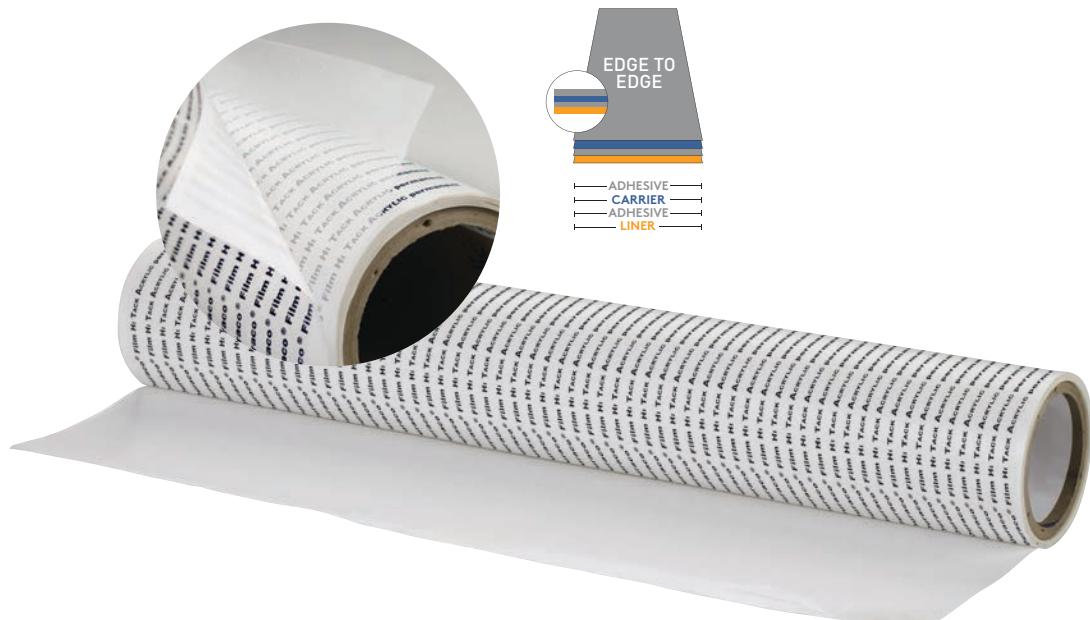
3" diameter core

Part Number	Adhesive + Carrier	Width	Length	Roll Diameter*	Rolls/Carton
473168	3.5	12	180	5-7/8	2
473169	3.5	18	180	5-7/8	2
473170	3.5	24	180	5-7/8	2

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

### WHERE TO USE DK FILM® HI-TACK ACRYLIC

- Extrusions
- Nameplates
- Packaging and bindery
- Signage
- Wide format graphics
- POP displays
- Corrugated folders/boxes
- Wire raceways
- Plastic fasteners
- Graphic laminating



Products should be tested in the application before use.



## WHERE TO USE REMO ONE® FILM

- Lighter-weight applications
- Promotional signage
- Temporary signage
- Temporary and semi-permanent displays
- Plastic extrusions
- Single-use graphics
- Wire management raceways
- Plastic fasteners
- Wobblers



## REMO ONE® FILM

Double-sided adhesive film tape with our aggressive permanent adhesive on the exposed side and our removable adhesive on the liner side

### Specifications

- Adhesive: Rubber-based permanent on the exposed side/removable adhesive on the liner side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features

- The removable side is easily identified with our red printed liner
- Removes cleanly from most hard non-delaminating surfaces, even after extended periods of time

## Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier		Width in	Length ft	Roll Diameter* in	Rolls/Carton
	mil	in				
472708	4.4	3/8	180	6-11/16	40	
472709	4.4	1/2	180	6-11/16	48	
472710	4.4	3/4	180	6-11/16	32	
472711	4.4	1	180	6-11/16	24	
472712	4.4	2	180	6-11/16	12	

## Long Roll

3" diameter core

Part Number	Adhesive + Carrier		Width in	Length ft	Roll Diameter* in	Rolls/Carton
	mil	in				
472488	4.4	3/8	750	12	14	
472489	4.4	1/2	1,500	17-1/16	12	
472490	4.4	3/4	1,500	17-1/16	8	
472491	4.4	1	750	12	6	

## Pre-Cut Pieces on a Roll

Part Number	Adhesive + Carrier		Width in	Length in	Pieces/Roll
	mil	in			
472492	4.4	1/2	1	7,500	
472493	4.4	1/2	2	5,000	
472494	4.4	1/2	3	2,500	
472495	4.4	1/2	4	2,500	
478710	4.4	1/2	5	5,000	
478709	4.4	1/2	10	5,000	
472512	4.4	1	1	5,000	
472513	4.4	1	2	2,500	
472514	4.4	1	3	2,000	
478707	4.4	1	4	2,500	
478708	4.4	1	5	2,500	
478706	4.4	1	10	2,500	

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Products should be tested in the application before use.

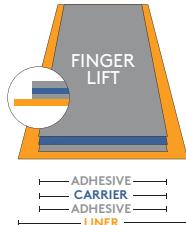
# Bag Sealing Tapes

4813 Finger Lift ..... 78

4503 HI-LO Acrylic Finger Lift ..... 79

Developed  
especially for  
the bag  
manufacturing  
industry

Bag Sealing Tapes were developed especially for sealing applications where the tape is applied at the bag manufacturing stage.



## 4813 FINGER LIFT

Permanent adhesive for sealing plastic bags

### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 41°F to 122°F
- Service Temperature: -4°F to 149°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- Coated both sides with a high performance hot melt rubber-based adhesive
- Supported by a heat-cuttable film release liner with a Finger Lift dry edge on both sides for fast and easy liner removal
- Great for low temperature heat cuttability and increased speeds

### Spool

*6" diameter core*

Part Number	Adhesive + Carrier		Liner Color	Liner Width	Adhesive Width	Length
	mil	mil				
492080	3.3	2.0	White	1/2	1/4	16,405



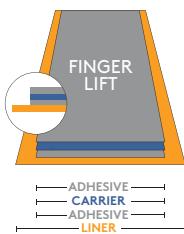
*Products should be tested in the application before use.*

## 4503 HI-LO ACRYLIC FINGER LIFT

Resealable adhesive for plastic bags

### Specifications

- Adhesive: Water-based acrylic on permanent side/peelable water-based acrylic on resealable side
- Application Temperature: 41°F to 122°F
- Service Temperature: -4°F to 248°F
- Classifications: FDA Regulation 175.105 for indirect food contact



### Features

- Designed for sealing and resealing plastic bags
- Supported by a heat-cuttable film release liner with a Finger Lift dry edge on both sides for fast and easy liner removal
- Great for low-temperature heat cuttability

### Spools

6" diameter core

Part Number	Adhesive + Carrier mil	Liner mil	Liner Color	Liner Width in	Adhesive Width in	Length ft
492075	2.0	2.0	White	5/16	5/32	26,248
492076	2.0	2.0	White	3/8	3/16	26,248
492077	2.0	2.0	White	1/2	1/4	16,405





**FREE SAMPLES**



**866 800 0775**



**MORE SIZES  
THAN EVER!**

Millions of pieces or rolls in stock.

*Products should be tested in the application before use.*

# Go ahead. ASK.



Let our team of tape experts test their knowledge.

With over 70 years of experience, we understand the challenges of finding the right tape for your application. Stick with our team of experts to discuss your project needs and discover the proper solution for your next project.



[duraco.com](http://duraco.com) 866 800 0775

# Laminating Tapes

## Laminating Tapes General Adhesive Comparison

### RUBBER-BASED

- High initial adhesion
- High shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance
- Good bond to low-surface-energy substrates

### ACRYLIC-BASED

- Fair initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Poor bond to low-surface-energy substrates

### HI-TACK ACRYLIC

- High initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Fair bond to low-surface-energy substrates

Duraco® Transfer Laminating Tape ..... 82

DK Film® Laminating Tape ..... 83

Available with  
three adhesives  
to meet a  
wide variety of  
applications

DK Film® and Duraco® Transfer Laminating Tapes are the perfect solution for laminating graphics and foam. Available in film and transfer systems with three adhesive options.

PRINT  
FINISHING  
BINDERY



## DURACO® TRANSFER LAMINATING TAPE

Cost-effective unsupported tape

### Specifications

- Adhesive: Hi-tack acrylic
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F

### Rolls, Wide Width

Part Number	Adhesive Type	Adhesive mil	Width in	Length ft	Roll Diameter* in	Rolls/ Carton
473192	Hi-Tack Acrylic	2.0	12	180	5-7/16	2
473194	Hi-Tack Acrylic	2.0	24	180	5-7/16	2

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

### FEATURES

#### Hi-Tack Acrylic Adhesive

- High initial tack, "Quick-Stick"
- Good plasticizer resistance
- High temperature resistance
- High-performing adhesive bond
- Good UV resistance



**866 800 0775**

Products should be tested in the application before use.

PRINT  
FINISHING  
BINDERY

## DK FILM® LAMINATING TAPE

Offers a supported film carrier for a better bond

### Specifications

#### Rubber Adhesive

- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 190°F

#### Acrylic and Hi-Tack Adhesives

- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F

## Rolls, Wide Width

Part Number	Adhesive Type	Adhesive	Width	Length	Roll Diameter* in	Rolls/ Carton
		mil	in	ft		
473156	Rubber	3.0	12	540	9	1
473154	Rubber	3.0	24	180	5-3/4	2
471717	Rubber	4.5	12	180	6-5/8	2
472528	Acrylic	3.8	12	180	6-5/8	2
473162	Acrylic	3.8	24	180	6-5/8	1
473163	Acrylic	3.8	36	180	6-5/8	1
473168	Hi-Tack Acrylic	3.5	12	180	5-7/8	2
473169	Hi-Tack Acrylic	3.5	18	180	5-7/8	2
473170	Hi-Tack Acrylic	3.5	24	180	5-7/8	2

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Great for graphic laminating,  
POP displays, nameplates, foam  
laminating, gatorboard and  
wide-format graphics

### FEATURES

#### Rubber Adhesive

- High initial tack, "Quick-Stick"
- Good bond to low surface energy substrates

#### Acrylic Adhesive

- Good plasticizer resistance
- High temperature resistance
- Good UV resistance

#### Hi-Tack Acrylic Adhesive

- High initial tack, "Quick-Stick"
- Good plasticizer resistance
- High temperature resistance
- High-performing adhesive bond
- Good UV resistance

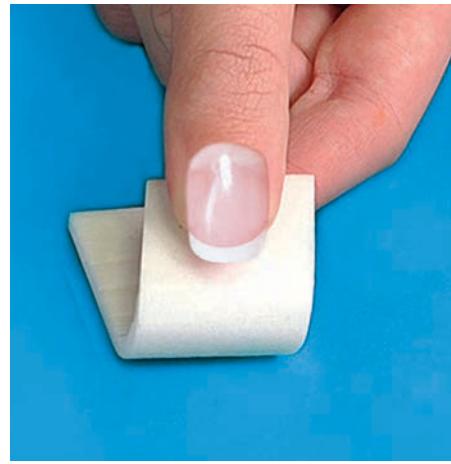


Products should be tested in the application before use.

# Removable Tapes



*Is your tape  
leaving residue?*



Problem solved  
with REMO!



Call us or go online to request **FREE** samples

# Tissue Tapes

## Tissue Tapes General Adhesive Comparison

### RUBBER-BASED

- General purpose
- High initial adhesion
- Good shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance
- Good bond to low surface energy substrates

### ACRYLIC-BASED

- Fair initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance

DSTF Finger Lift .....	86
2461 Finger Lift .....	87
2811 Finger Lift .....	88
2161 Acrylic Finger Lift .....	89

The industry  
standard for  
hand-tearable  
tape



## WHERE TO USE DSTF

- Posters
- Lightweight POP
- Continuous stationery
- Envelopes
- Studio/commercial artwork

Duraco's Finger Lift Tissue Tape is a hand-tearable, tissue supported double-sided tape. The Finger Lift liner has a dry edge on both sides, making liner removal fast and easy.

## DSTF FINGER LIFT

### General purpose

#### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 35°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

#### Features

- The industry standard general purpose product

## Short Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
492000	3.3	2.2	1/2	1/4	1/4	108	3-1/2
491537	3.3	2.2	1/2	1/4	1/4	216	5
492003	3.3	2.2	3/4	1/2	1/2	216	5
492006	3.3	2.2	1	3/4	3/4	216	5

## Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
491535	3.3	2.2	1/2	1/4	1/4	1,300	11-1/4
491536	3.3	2.2	1/2	1/4	1/4	2,000	13-3/4
491517	3.3	2.2	3/4	1/2	1/2	1,300	11-1/4
491518	3.3	2.2	3/4	1/2	1/2	2,000	13-3/4
492007	3.3	2.2	1	3/4	3/4	1,300	11-1/4
492008	3.3	2.2	1	3/4	3/4	2,000	13-3/4
492012	3.3	2.2	1-1/2	1-3/16	1-3/16	1,300	11-1/4
491532	3.3	2.2	1-1/2	1-3/16	1-3/16	2,000	13-3/4
491534	3.3	2.2	2	1-5/8	1-5/8	2,000	13-3/4

## Long Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
492001	3.3	2.2	1/2	1/4	1/4	3,000	16-3/4
492004	3.3	2.2	3/4	1/2	1/2	3,000	16-3/4
492009	3.3	2.2	1	3/4	3/4	3,000	16-3/4

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Products should be tested in the application before use.

## 2461 FINGER LIFT

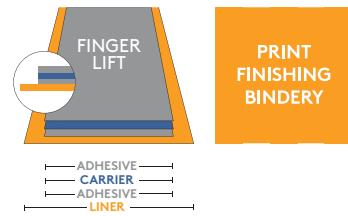
Thicker version of DSTF; adheres better to rough surfaces

### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 35°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- Thicker-weight adhesive coating for better adhesion to rough surfaces



PRINT  
FINISHING  
BINDERY

### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
492015	4.0	2.2	1/2	1/4	2,000	14-1/2
490433	4.0	2.2	3/4	1/2	2,000	14-1/2
492018	4.0	2.2	1	3/4	2,000	14-1/2

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

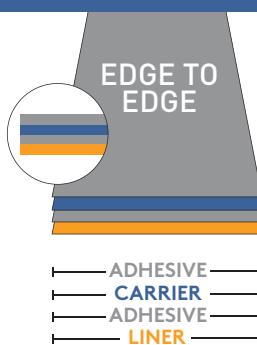
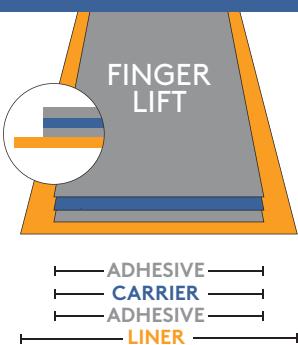


### WHERE TO USE 2461

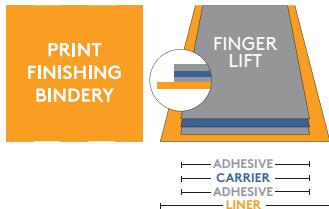
- Overnight mailing boxes
- Corrugated POP

## WHAT IS FINGER LIFT?

Finger Lift tapes offer the convenience of a dry edge on both sides, making liner removal faster and easier than flush edge tapes.



Products should be tested in the application before use.



### WHERE TO USE 2811

- Low surface energy (LSE)
- Posters
- Print finishing
- POP displays
- UV coatings
- Promotional items
- Folders

## 2811 FINGER LIFT

High performance for use on difficult surfaces

#### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 41°F to 122°F
- Service Temperature: -4°F to 149°F
- Classifications: FDA Regulation 175.105 for indirect food contact

#### Features

- Modified adhesive bonds well to demanding surfaces used in print finishing applications

### Short Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
492019	3.5	2.2	1/2	1/4	216	5	
492021	3.5	2.2	3/4	1/2	216	5	
492023	3.5	2.2	1	3/4	216	5	

### Standard Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
492020	3.5	2.2	1/2	1/4	2,000	14	
492022	3.5	2.2	3/4	1/2	2,000	14	
492024	3.5	2.2	1	3/4	2,000	14	

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

Always start with a  
**CLEAN SURFACE**  
 Dirty, dusty and oily surfaces  
 will stop your tape from sticking



Products should be tested in the application before use.

## 2161 ACRYLIC FINGER LIFT

Sunlight, aging and high temperature resistance

### Specifications

- Adhesive: Water-based acrylic permanent
- Application Temperature: 41°F to 122°F
- Service Temperature: -13°F to 248°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### Features

- Good UV light resistance
- High performance over a wide temperature range

### Standard Rolls

3" diameter core

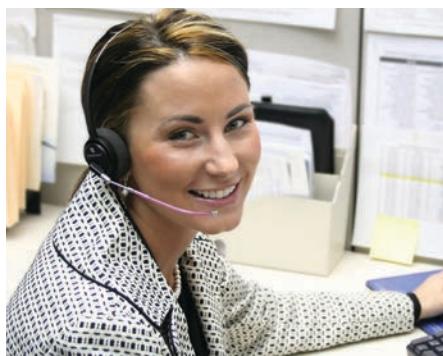
Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
492027	3.3	2.8	3/4	1/2	216	5
492029	3.3	2.8	1	3/4	216	5

### Long Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
492026	3.3	2.8	1/2	1/4	2,000	14-1/2
492028	3.3	2.8	3/4	1/2	2,000	14-1/2
492030	3.3	2.8	1	3/4	2,000	14-1/2

\*Roll diameter listed is nominal with a tolerance of +/- 6%.



866 800 0775

### WHERE TO USE 2161 ACRYLIC

- Window posters
- Lightweight POP
- Envelopes

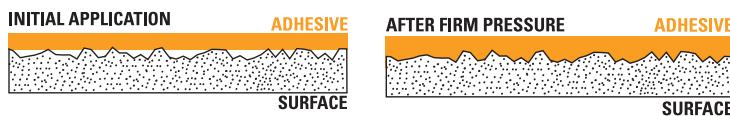
# 5 THINGS TO CONSIDER WHEN USING DOUBLE SIDED TAPE

No matter the project, it's important to choose a bonding solution that offers a secure hold. Discover 5 things you need to know for choosing the right tape.

1

## **SURFACE AND CONFORMABILITY**

It's important to consider the surfaces you are adhering to. Is the surface uneven and is warp or flex a concern? Foam tapes are a great option for uneven surfaces, gap filling or long bond lines as the foam conforms to fill in. See below example:



Foam also provides cushion or shock absorption if impact or movement is a concern. If your surface is flat and you have a lighter-weight application, thinner double-sided tapes such as a film, tissue or transfer may be more appropriate.

2

## **BOND TIME**

When choosing a double-sided tape, it's important to consider the requirements of the tape and how quickly you need it to stick. Rubber-based adhesives adhere immediately, making it a common choice for applications needing quick performance. Acrylic-based adhesives require dwell time, or time it takes for the adhesive to build up a bond.

3

## **WEIGHT/STRESS**

The amount of weight or stress is another important factor. Consider foam tapes for higher-weight bearing or when stress is involved. For lower-weight bearing applications, a film or tissue tape may be more appropriate. For lightweight applications such as envelopes, wristbands or business forms, transfer tapes can be used.

4

## **SURFACE PREPARATION AND PRESSURE**

Surface preparation is critical in achieving a secure bond. Dirt, oil, dust, release agents or other contaminations on the surface of the material can interfere with the adhesive and affect the bond. What can you do to prepare?

- **Clean the surface** – using a 50/50 mixture of isopropyl alcohol and water helps to clean most surfaces. If needed use a solvent or abrasion cleaner
- **Dry** – use a clean, lint-free cloth to completely dry the surface

Pressure is the final significant key aspect when using adhesive tape. Apply firm, even pressure across the entire surface of the tape to activate the adhesive.

5

## **STYLE AND HANDLING**

Just as the strength and conformability of the tape is important, the way it is applied is as well. Whether automatically or hand applied, Duraco offers many options.

- Rolls for in-line or automatic application, including long length rolls for foam up to 1,500 ft.
- Short rolls for kitting pack outs
- Die cut to specification, including pieces for quick and easy application, or pads of pieces for pack outs

Our film, foam, tissue and transfer tapes are available with a Finger Lift or extended liner to ensure easy top liner removal. Finger Lift tapes come in various roll lengths with diameters to fit applicators.

# Transfer Tapes

## Transfer Tapes General Adhesive Comparison

### RUBBER-BASED

- High initial adhesion
- High shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance
- Good bond to low surface energy substrates

### ACRYLIC-BASED

- Fair initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Poor bond to low surface energy substrates

### HI-TACK ACRYLIC-BASED

- High initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Fair bond to low surface energy substrates

### REMOVABLE

- Low tack acrylic
- Transparent
- Good UV resistance

1531 Finger Lift .....	92
1431 Finger Lift .....	92
1571 Acrylic Finger Lift .....	93
1591 Hi-Tack Finger Lift .....	94
DKOF Removable Finger Lift .....	94
Transfer Tape Hi-Tack Acrylic.....	95
Duraco® ATG.....	96



### WHERE TO USE 1531 and 1431

- Continuous stationery
- Business form applications

Duraco's Transfer Tapes are unsupported tapes with various acrylic, rubber and removable adhesives for a wide variety of applications.

### 1531 and 1431 FINGER LIFT

Industry standard for continuous forms; 1431 has a thinner liner which is advantageous for longer rolls used in automated applications

#### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 35°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

### 1531 Continuous Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
492031	1.0	2.2	1/2	5/16	1,000	7-1/2
490064	1.0	2.2	1/2	5/16	3,000	12-3/4
490060	1.0	2.2	1/2	5/16	4,500	15-1/2
490061	1.0	2.2	1/2	5/16	6,562	18-1/2
492033	1.0	2.2	3/4	1/2	3,000	12-3/4
492034	1.0	2.2	3/4	1/2	4,500	15-1/2
492035	1.0	2.2	3/4	1/2	6,562	18-1/2
492037	1.0	2.2	1	3/4	3,000	12-3/4
492038	1.0	2.2	1	3/4	4,500	15-1/2
492039	1.0	2.2	1	3/4	6,562	18-1/2

### 1431 Continuous Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
490025	1.0	1.8	1/2	5/16	9,000	20-1/4
492040	1.0	1.8	1	3/4	6,562	17-1/2

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

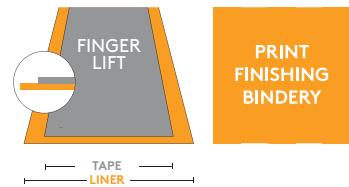
Products should be tested in the application before use.

## 1571 ACRYLIC FINGER LIFT

Transparent permanent

### Specifications

- Adhesive: Water-based acrylic permanent
- Application Temperature: 41°F to 122°F
- Service Temperature: -13°F to 248°F



### Continuous Rolls

3" diameter core

Part Number	Adhesive + Carrier	Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil	in	in	ft	in
490112	1.0	2.2	1/2	5/16	3,000	12-3/4
492042	1.0	2.2	3/4	1/2	3,000	12-3/4
490110	1.0	2.2	1	3/4	3,000	12-3/4

\*Roll diameter listed is nominal with a tolerance of +/- 6%.



1571 Acrylic  
seals the deal  
on envelopes

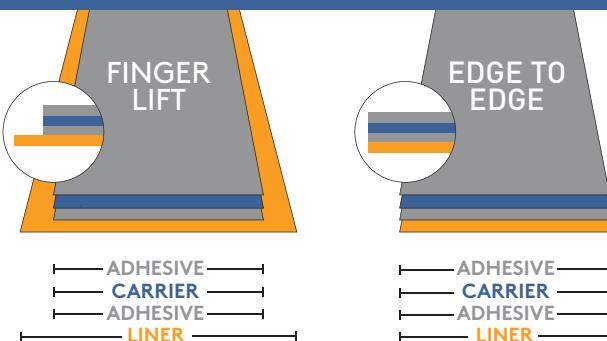


### WHERE TO USE 1571 ACRYLIC

- Business forms
- Medical records
- Applicator-fed print finishing
- Envelopes

## WHAT IS FINGER LIFT?

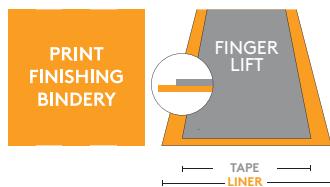
Finger Lift tapes offer the convenience of a dry edge on both sides, making liner removal faster and easier than flush edge tapes.



Products should be tested in the application before use.

# 1591 HIGH TACK / DKOF REMOVABLE FINGER LIFT

## TRANSFER TAPES



TRANSFER TAPES

### 1591 HIGH TACK FINGER LIFT

Excellent tack and adhesion; developed specifically for demanding packaging and assembly applications

#### Specifications

- Adhesive: Hot melt rubber-based permanent
- Application Temperature: 35°F to 122°F
- Service Temperature: 0°F to 160°F
- Classifications: FDA Regulation 175.105 for indirect food contact

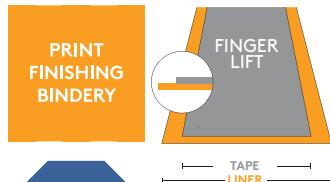
#### Continuous Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
492041	2.4	2.2		1-1/4	1	4,500	18-1/2

#### WHERE TO USE 1591 ACRYLIC

- Wristbands
- Pallet edge protectors



### DKOF REMOVABLE FINGER LIFT

Transparent removable

#### Specifications

- Adhesive: Water-based acrylic removable
- Application Temperature: 50°F to 122°F
- Service Temperature: -4°F to 158°F

#### Continuous Rolls

3" diameter core

Part Number	Adhesive + Carrier		Liner	Liner Width	Adhesive Width	Length	Roll Diameter*
	mil	mil					
491422	0.6	2.2		1/2	5/16	3,000	12
491419	0.6	2.2		1/2	5/16	4,500	14-1/2
492043	0.6	2.2		3/4	1/2	3,000	12
492044	0.6	2.2		3/4	1/2	4,500	14-1/2
491417	0.6	2.2		1	3/4	3,000	12
492046	0.6	2.2		1	3/4	4,500	14-1/2

#### WHERE TO USE DKOF REMOVABLE

- Window posters
- Advertising materials
- Business forms

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

## TRANSFER TAPE HI-TACK ACRYLIC

Specially formulated modified acrylic adhesive with high performing bond

### Specifications

- Adhesive: Acrylic-based permanent on both sides
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F
- Thickness: 2.0 mil adhesive

### Features

- Good initial tack
- High performing bond
- Good adhesion to flexible plastics

### Standard Rolls

3" diameter core

Part Number	Adhesive	Width	Length	Roll Diameter*	Rolls/ Carton
	mil	in	ft	in	
473082	2.0	1/2	180	5-7/16	38
473083	2.0	3/4	180	5-7/16	25
473084	2.0	1	180	5-7/16	19



### Long Rolls

3" diameter core

Part Number	Adhesive	Width	Length	Roll Diameter*	Rolls/ Carton
	mil	in	ft	in	
473086	2.0	1/2	1,000	10-1/2	18
473087	2.0	3/4	1,000	10-1/2	12

\*Roll diameter listed is nominal with a tolerance of +/- 6%.

### WHERE TO USE TRANSFER TAPE HI-TACK ACRYLIC

- Nameplates
- Packaging and bindery
- Signage
- POP displays
- Corrugated folders/boxes

PRINT  
FINISHING  
BINDERY



## WHERE TO USE DURACO® ATG

- Posters
- Light signs
- Photo mounting
- Poster mounting
- Pocket folder assembly
- Splicing
- Product assembly

## DURACO® ATG

Used in ATG dispensers

### Specifications

- Adhesive: Glass stabilized acrylic
- Application Temperature: 65°F to 100°F
- Service Temperature: -22°F to 230°F

### Features

- Quick and easy hand application

## Continuous Rolls

Part Number	Adhesive mil	Width in	Length ft	Rolls/ Carton
477220	1.6	1/4	108	24
477166	1.6	1/2	108	12
477167	1.6	3/4	108	8
477217	2.0	1/4	108	24
477168	2.0	1/2	108	12
477169	2.0	3/4	108	8
477218	4.8	1/4	108	24
477170	4.8	1/2	108	12
477171	4.8	3/4	108	8
477172	4.8	1/2	54	12
477173	4.8	3/4	54	8

## Applicator

Part Number	Quantity
477174	1 Applicator



IN STOCK

866 800 0775

Products should be tested in the application before use.

# Mailing Products

Glue Dots® ..... 98

Dot Shot Pro® ..... 99

Great to hold  
products in place  
during mailing

TEMPORARY DISPLAYS

PRINT FINISHING BINDERY



### WHERE TO USE GLUE DOTS®

- Packaging
- Printing/bindery
- Direct mail
- Manufacturing
- Product assembly



## GLUE DOTS®

Pressure-sensitive patterns of adhesive for instant bonding; faster and safer than hot glue

### Features

- Available in three profiles (thicknesses)
- Available in various tack levels

### Low Profile Rolls

Part Number	Tack Level	Bond	Thickness in	Diameter in	Dots/Roll	Rolls/Carton
471856	Medium	Removable	1/64	1/2	4,000	16
471857	High	Semi-Permanent	1/64	1/2	4,000	16
471858	Super High	Permanent	1/64	1/2	4,000	16

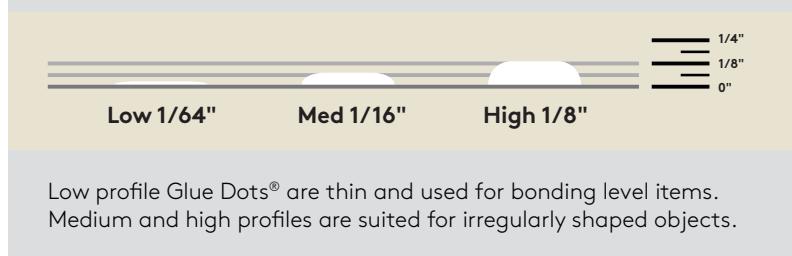
### Medium Profile Rolls

Part Number	Tack Level	Bond	Thickness in	Diameter in	Dots/Roll	Rolls/Carton
471861	Medium	Removable	1/16	1/2	1,000	16
471862	High	Semi-Permanent	1/16	1/2	1,000	16
471863	Super High	Permanent	1/16	1/2	1,000	16

### High Profile Rolls

Part Number	Tack Level	Bond	Thickness in	Diameter in	Dots/Roll	Rolls/Carton
471864	Medium	Removable	1/8	1/2	1,000	16
471865	High	Semi-Permanent	1/8	1/2	1,000	16
471866	Super High	Permanent	1/8	1/2	1,000	16

## Profiles



Low profile Glue Dots® are thin and used for bonding level items. Medium and high profiles are suited for irregularly shaped objects.

## DOT SHOT® PRO

Puts productivity in the palm of your hand — dispenses one or more dots at a time to apply Glue Dots® quickly, cleanly and precisely

TEMPORARY  
DISPLAYS

PRINT  
FINISHING  
BINDERY

### Features

- Available in three profiles (thicknesses) and various tack levels
- Lightweight, durable and safe for repetitive use
- Affordable
- Easy to use and safer than hot glue guns

### Applicator

Part Number	Quantity
471877	1 Applicator



### Low Profile Dot Shot PRO® Rolls

Part Number	Tack Level	Bond	Thickness	Diameter	Dots/Roll	Rolls/Carton
			in	in		
471868	Medium	Removable	1/64	1/2	1,500	16
471869	High	Semi-Permanent	1/64	1/2	1,500	16
471870	Super High	Permanent	1/64	1/2	1,500	16
471871	High	Semi-Permanent	1/64	1/4	3,000	16

### Medium Profile Dot Shot PRO® Rolls

Part Number	Tack Level	Bond	Thickness	Diameter	Dots/Roll	Rolls/Carton
			in	in		
471874	Super High	Permanent	1/16	1/2	600	16

### High Profile Dot Shot PRO® Rolls

Part Number	Tack Level	Bond	Thickness	Diameter	Dots/Roll	Rolls/Carton
			in	in		
471876	Super High	Permanent	1/8	1/2	400	16



### TIP

Use medium or high profile Glue Dots® for attaching irregularly shaped objects.

## LARGE VOLUME JOB?

Increase efficiency and speed with the Dot Shot® Pro handheld applicator and Dot Shot® Pro Rolls

*Products should be tested in the application before use.*



# Design Custom Kiss-cut Pads Rolls Mated Pieces Diameters

**Projects are tough.  
Finding the right  
solutions shouldn't be.**



TAPE  
EXPERTS



IN STOCK



CONVENIENT  
SERVICE



FREE SAMPLES



CUSTOM  
CONVERTING

# Bumpers, Feet and Pads

Duraco® Bumpers ..... 102

NoSkid Foam ..... 105

Duraco® Cushions and Pads ..... 108

PERMANENT  
DISPLAYS

TEMPORARY  
DISPLAYS



## WHERE TO USE DURACO® BUMPERS

- Cabinets
- POP displays
- Acrylic or glass displays
- Furniture
- Computers
- Electronics
- Desktop items

Commonly used for rubber feet, cabinet stoppers, door stops and surface protectors

## DURACO® BUMPERS

Self-adhesive polyurethane bumper feet

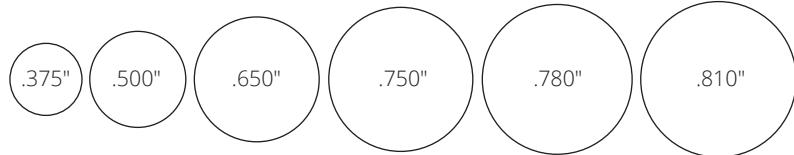
### Specifications

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure) or acrylic-based permanent where indicated
- Material: Polyurethane
- Application Temperature: 65°F to 150°F
- Service Temperature: 0°F to 180°F

### Features

- Made with 100% polyurethane
- Will not tarnish, scratch or discolor any surface
- Easy to use — simply peel and stick

## Cylindrical, on a Pad

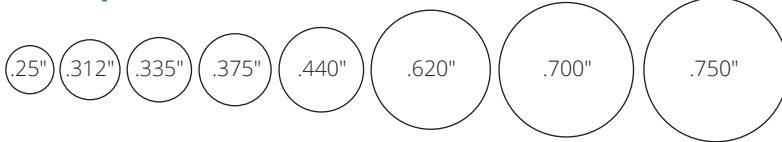


ACTUAL SIZE (DIAMETER)

Part Number		Adhesive	Diameter	Thickness	Pieces/Pad	Pieces/Carton
Clear	Black					
475846	475875	Rubber	0.375	0.125	300	6,000
475847	475876	Rubber	0.375	0.190	200	5,000
475848	475877	Rubber	0.500	0.060	200	5,000
475849	475878	Rubber	0.500	0.140	50	3,000
475850	475879	Rubber	0.500	0.250	50	5,000
475851	475880	Rubber	0.650	0.400	128	2,560
475852	475881	Rubber	0.750	0.160	98	2,450
475853	475882	Rubber	0.780	0.200	84	3,360
475854	475883	Rubber	0.810	0.120	72	2,520

Products should be tested in the application before use.

## Hemisphere, on a Pad



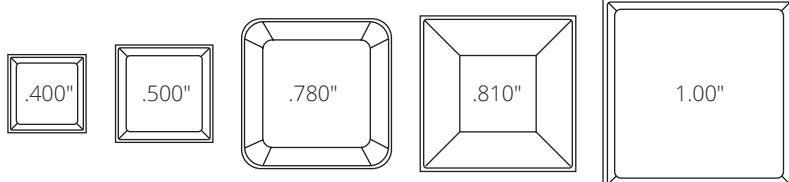
TEMPORARY DISPLAYS      PERMANENT DISPLAYS

ACTUAL SIZE (DIAMETER)

Part Number		Adhesive	Diameter	Thickness	Pieces/Pad	Pieces/Carton
Clear	Black		in	in		
475855	475884	Rubber	0.250	0.062	578	15,028
475856	475885	Rubber	0.250	0.079	450	5,400
475857	475886	Rubber	0.312	0.085	450	5,400
475858	475887	Rubber	0.335	0.085	450	5,400
475859	475888	Rubber	0.375	0.150	72	7,200
475860	475889	Rubber	0.375	0.211	300	6,000
475861	475890	Rubber	0.440	0.200	242	5,082
475862	475891	Rubber	0.620	0.310	128	3,200
475863	475892	Rubber	0.700	0.380	98	2,254
475864	475893	Rubber	0.750	0.075	84	5,040



## Square, on a Pad



ACTUAL SIZE (WIDTH/LENGTH)

Part Number		Adhesive	Width/Length	Thickness	Pieces/Pad	Pieces/Carton
Clear	Black		in	in		
475865	475894	Rubber	0.400	0.100	242	5,082
475866	475895	Rubber	0.500	0.120	200	5,000
475869	475898	Rubber	1.000	0.180	55	2,310
475867	475896	Rubber	0.500	0.230	200	5,000
475868	475897	Rubber	0.810	0.300	98	2,646
475903	475904	Acrylic	0.780	0.380	1	2,000

## Cone, on a Pad



ACTUAL SIZE      THICKNESS      DIAMETER      THICKNESS      DIAMETER

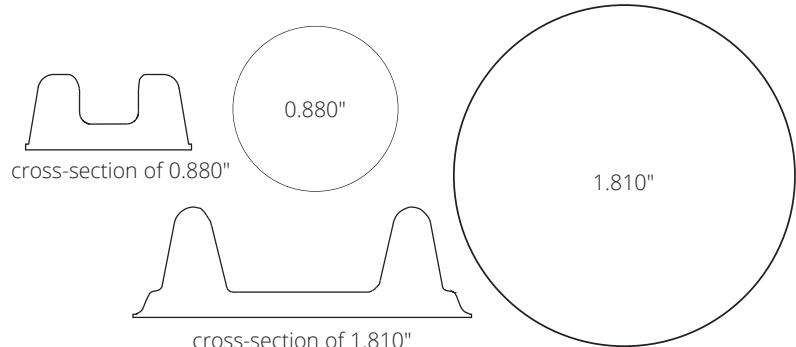
Part Number		Adhesive	Diameter	Thickness	Pieces/Pad	Pieces/Carton
Clear	Black		in	in		
475872	475901	Acrylic	0.720	0.560	1	1,500
475873	475902	Acrylic	0.750	0.750	1	1,000



Products should be tested in the application before use.



## Recessed, on a Pad



ACTUAL SIZE (DIAMETER)

Part Number		Adhesive	Diameter	Thickness	Pieces/Pad	Pieces/Carton
Clear	Black		in	in		
475871	475900	Rubber	0.880	0.400	72	1,440
475870	475899	Acrylic	1.810	0.600	1	500



## Silent Top, on a Pad

ACTUAL SIZE (DIAMETER)



Reduces noise from closing cabinet doors

Part Number		Adhesive	Diameter	Thickness	Pieces/Pad	Pieces/Carton
Clear	Black		in	in		
475906	Rubber	Clear	0.500	0.140	50	5,000
475905	Rubber	Clear	0.500	0.200	50	5,000



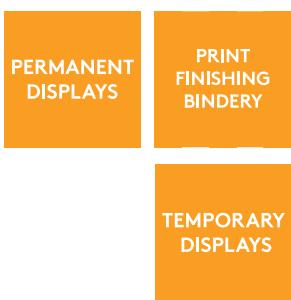
**When time is limited,  
every second counts.**

So, we've extended our same day shipping hours to better meet your needs on in-stock products.

Products should be tested in the application before use.

## NoSKID FOAM

Non-skid foam coated on one side with a high tack permanent adhesive



### Specifications

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 150°F
- Service Temperature: -20°F to 175°F

### Features

- Eliminates slippage

## Diameters in a Pad

Part Number	Thickness	Diameter	Diameters/ Pad	Diameters/ Carton
	in	in		
471802	1/16	1/2	4	10,000
471805	1/8	1/2	4	5,000

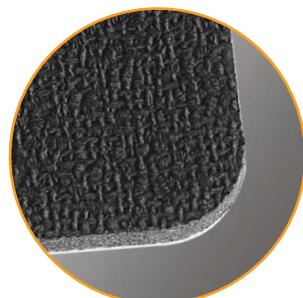
## Diameters on a Roll

Part Number	Thickness	Diameter	Diameters/ Roll
	in	in	
471801	1/16	1/2	1,000
471800	1/16	1/2	25,000
471799	1/16	1/2	10,000
472888	1/16	3/4	7,500
472890	1/16	1	5,000
471804	1/8	1/2	1,000
471803	1/8	1/2	10,000
472889	1/8	3/4	6,000
472891	1/8	1	4,000



## WHERE TO USE NoSKID FOAM

- Counter mats
- Mouse pads
- POP displays
- Small appliances
- Office products
- Cushioning
- Furniture



NoSKID Foam is used as the backing for this counter mat



## Pre-Cut Pieces on a Roll

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
471808	1/16	3/4	1	10,000
471809	1/16	3/4	3	2,500
471810	1/16	1	1	10,000
471811	1/16	1	3	4,000
471812	1/8	1/2	1	10,000
471816	1/8	1	1	10,000
471817	1/8	1	3	2,000

## Pre-Cut Pieces in a Pad

Part Number	Thickness	Width	Length	Pieces/Pad	Pieces/Carton
	in	in	in		
471822	1/16	1	1	10	8,500
471823	1/16	1	3	10	2,500
471824	1/8	1/2	1	10	8,500
471828	1/8	1	1	10	7,500
471829	1/8	1	3	10	2,500

Always start with a  
**CLEAN SURFACE**  
 Dirty, dusty and oily surfaces  
 will stop your tape from sticking

Products should be tested in the application before use.

## Continuous Rolls

3" diameter core

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
471793	1/16	1/2	50	30
471794	1/16	1	50	15
471795	1/16	19	50	4
471796	1/8	1/2	50	20
471797	1/8	1	50	10
471798	1/8	19	50	4

PERMANENT  
DISPLAYS

PRINT  
FINISHING  
BINDERY

TEMPORARY  
DISPLAYS

## Sheets

Part Number	Thickness	Width	Length	Sheets/Carton
	in	in	in	
472430	1/8	19	29	40



866 800 0775

### TIPS

- Use NoSkid Foam rolls to line store or display shelves to keep product from slipping.
- Use NoSkid Foam sheets to laminate your printed plastic sheets in POP counter mat production.

Products should be tested in the application before use.



### WHERE TO USE DURACO® CUSHIONS AND PADS

- Packaging
- POP displays
- Furniture
- Shipping pads
- Light sealing

## DURACO® CUSHIONS AND PADS

Non-marring, flexible, self-adhesive foam pads

### Specifications

- Adhesive: Rubber-based permanent on one side (not recommended in applications with direct UV exposure)
- Material: Polyolefin
- Service Temperature: -20°F to 150°F

### Features

- Ultimate protection and gap filling
- Perfect for packaging, POP displays, furniture, shipping pads and light sealing

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
475784	1/4	1	1	5,000
475786	1/4	1	3	1,500
475788	1/2	1	1	3,000
475790	1/2	1	3	1,200

### Pre-Cut Pieces on a Roll, Black

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
475785	1/4	1	1	5,000
475787	1/4	1	3	1,500
475789	1/2	1	1	3,000
475791	1/2	1	3	1,200



### CUSTOM CONVERTING

Projects come in every shape and size —  
your tape solution should, too.

We custom convert to your specific need.

*Products should be tested in the application before use.*

# Magnetic Products

## Magnetic Products General Adhesive Comparison

### RUBBER-BASED

- High initial adhesion
- Good adhesion buildup
- High shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance
- Good bond to low surface energy substrates

### ACRYLIC-BASED

- Fair initial adhesion
- Excellent adhesion buildup
- Good shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance
- Poor bond to low surface energy substrates

### DURACO® MAGNETIC TAPE

Indoor Rubber Adhesive ..... 110  
Outdoor Acrylic Adhesive ..... 111

### DURACO® MAGNETIC RECEPTIVE STEEL TAPE

Indoor Rubber Adhesive ..... 112  
Outdoor Acrylic Adhesive ..... 112

Available  
in pre-cut  
pieces and  
continuous rolls



### WHERE TO USE DURACO® MAGNETIC TAPE INDOOR

#### .030"

- Lightweight applications
- Graphics
- Pocket attachment
- Calendars

#### .060"

- Lightweight plastics
- Appliance signage
- Banners
- Nameplates
- Advertising signs

## DURACO® MAGNETIC TAPE INDOOR

Flexible magnetic material with high initial tack

#### Specifications

- Adhesive: Rubber-based on one side
- Application Temperature: Above 50°F
- Service Temperature: 0°F to 150°F

#### Features

- Available in two thicknesses for wide application needs

### Pre-Cut Pieces on a Roll

Part Number	Thickness	Width	Length	Pounds Pull/Piece	Pieces/Roll
	in	in	in		
473140	.030	1	1	0.54	1,200
473141	.030	1	2	1.08	600
473142	.030	1	3	1.63	400
473143	.030	1	4	2.17	300
473144	.030	1	5	2.71	240
473145	.060	1	1	1.17	1,200
473146	.060	1	2	2.33	600
473147	.060	1	3	3.50	400
473148	.060	1	4	4.67	300
473149	.060	1	5	5.83	240

### Continuous Roll

3" diameter core

Part Number	Thickness	Width	Length	Pounds Pull/Ft	Rolls/Carton
	in	in	ft		
473118	.030	1/2	100	3.3	11
473119	.030	3/4	100	4.9	7
473112	.030	1	50	6.5	10
473120	.030	1	100	6.5	5
473128	.030	1	200	6.5	2
473121	.030	1-1/2	100	9.8	3
473113	.030	2	50	13.0	5
473122	.030	2	100	13.0	2
473129	.030	2	200	13.0	1
473114	.060	1/2	50	7.0	11
473123	.060	1/2	100	7.0	5
473115	.060	3/4	50	10.5	7
473116	.060	1	50	14.0	5
473125	.060	1	100	14.0	2
473126	.060	1-1/2	100	21.0	1
473117	.060	2	50	28.0	2
473127	.060	2	100	28.0	1

Products should be tested in the application before use.

**DURACO® MAGNETIC TAPE OUTDOOR**

Flexible magnetic material ideal for applications with exposure to sunlight or adherence to flexible plastics

**Specifications**

- Adhesive: Acrylic-based on one side
- Application Temperature: Above 50°F
- Service Temperature: 0°F to 200°F

**Features**

- Available in two thicknesses for wide application needs

**Continuous Roll***3" diameter core*

Part Number	Thickness	Width	Length	Pounds Pull/Ft	Rolls/Carton
	in	in	ft		
473100	.030	1/2	100	3.3	11
473101	.030	3/4	100	4.9	7
473102	.030	1	100	6.5	5
473110	.030	1	200	6.5	2
473096	.060	1/2	50	7.0	11
473105	.060	1/2	100	7.0	5
473097	.060	3/4	50	10.5	7
473106	.060	3/4	100	10.5	3
473098	.060	1	50	14.0	5
473107	.060	1	100	14.0	2
473109	.060	2	100	28.0	1

**WHERE TO USE DURACO® MAGNETIC TAPE OUTDOOR****.030"**

- Lightweight applications
- Window graphics

**.060"**

- Lightweight plastics
- Banners
- Outdoor signage

**CALL AN EXPERT!**

Can't find what you need?  
Call us and let one of our  
experts help you find the  
right product for the job!

**866 800 0775**



FOR  
COMPARISON...  
**A dime is  
approximately  
.030" thick**



### WHERE TO USE DURACO® MAGNETIC RECEPTIVE STEEL TAPE

- POP displays
- Tradeshow booths
- Signs
- Menu boards
- Presentation boards



**866 800 0775**

## DURACO® MAGNETIC RECEPTIVE STEEL TAPE

Non-magnetized steel designed to attract magnets

#### Specifications, Indoor

- Adhesive: Rubber-based adhesive on one side
- Application Temperature: Above 50°F
- Service Temperature: 0°F to 150°F

#### Specifications, Outdoor

- Adhesive: Acrylic-based adhesive on one side
- Application Temperature: Above 50°F
- Service Temperature: 0°F to 200°F

### Indoor Rubber-Based Continuous Roll

*3" diameter core*

Part Number	Thickness	Width	Length	Rolls/Carton
	in			
477195	.025	1/2	50	16
477196	.025	1/2	100	8
477197	.025	3/4	50	14
477198	.025	3/4	100	7
477199	.025	1	50	10
477200	.025	1	100	5
477201	.025	25	50	1

### Outdoor Acrylic-Based Continuous Roll

*3" diameter core*

Part Number	Thickness	Width	Length	Rolls/Carton
	in			
477202	.025	1/2	50	16
477203	.025	1/2	100	8
477204	.025	3/4	50	14
477205	.025	3/4	100	7
477206	.025	1	50	10
477207	.025	1	100	5

*Products should be tested in the application before use.*

# Weather Stripping/Gaskets

Product Guide ..... 114

Neoprene Nitrile PVC  
(acid, ozone, oil and oxidation resistant) ..... 115

VNN  
(oil and chemical resistant) ..... 116

High Density Urethane (Poron®)  
(low compression set) ..... 117

PVC Low Density  
(conformable, weather and  
oxidation resistant) ..... 118

PVC Medium Density  
(conformable, weather  
and oxidation resistant) ..... 118

Polyolefin  
(dust, air and moisture sealing) ..... 119

Duraco® Cushions and Pads ..... 120

Find weather  
stripping/gaskets  
in pre-cut  
pieces and  
custom sizes

## Duraco® Weather Stripping/Gaskets Product Guide

We offer a variety of weather stripping/gaskets to meet a wide range of application needs. This guide summarizes the important characteristics of each material.

KEY	CHARACTERISTICS						
	Compression Set	Thermal Insulation	Moisture Resistance	Heat Resistance	Flammability Rating	Density lb/ft. <sup>3</sup>	Common Applications
MATERIAL							
<b>Neoprene Nitrile</b> <i>Closed cell neoprene nitrile PVC blend</i>	★	★★	★★	★★	FMVSS 302 UL94 HF-1 ≥ 1/8"	4 to 7	HVAC, roof curb, window and door gasketing, meets 2B1 classification
<b>VNN</b> <i>Closed cell vinyl nitrile neoprene blend</i>	★	★★★	★★	★★	FMVSS 302 UL94 HF-1 ≥ 1/16" UL94 VO ≥ 1/2"	4 to 5.5	HVAC, roof curb, door gasketing, meets 2C1 and 2C2 classifications
<b>Poron® High Density Urethane</b> <i>Open cell foam that exhibits closed cell properties when compressed</i>	★★★	★	★	★★★	FMVSS 302 UL94 HBF-1 ≥ 3/16"	15	Electrical enclosures, access doors, louver and vent gasketing, lighting, HVAC enclosures
<b>Low Density PVC</b> <i>Closed cell PVC foam</i>	★★	★★	★★	★★	FMVSS 302	7	HVAC, appliance, construction, general assembly, RV/trailer/truck, low temperature applications
<b>Med Density PVC</b> <i>Closed cell PVC foam</i>	★★	★★	★★	★★★	FMVSS 302	11	HVAC, appliance, construction, general assembly, RV/trailer/truck
<b>Polyolefin</b> <i>Closed cell polyolefin foam</i>	★	★★★	★★★	★	—	2	Air sealing, moisture sealing, glazing tape, shipping pads, packaging, architectural

NOTE: The information listed is a general guide and not intended for specification purposes. All products should be tested in the application before use.

## NEOPRENE NITRILE PVC

Acid, ozone, oil and oxidation resistant closed-cell blend of neoprene nitrile and PVC

### Specifications

- Adhesive: Permanent rubber-based pressure sensitive adhesive
- Test Method: ASTM D1056
- Density (lb/ft<sup>3</sup>): 4 to 7
- Compression Deflection: 2 to 5 psi
- Compression Set (50%): 25 max
- Service Temperature: -20°F to 150°F
- Classification: 2B1
- Flammability: FMVSS 302 UL94 HF-1 ≥ 1/8"

### Rolls

3" diameter core

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472061	1/8	1/2	50	20
472062	1/8	3/4	50	13
472063	1/8	1	50	10
472017	1/8	1-1/2	50	7
472019	1/8	2	50	5
472021	1/8	3	50	3
472064	3/16	1/2	50	20
472065	3/16	3/4	50	13
472066	3/16	1	50	10
472067	1/4	1/2	50	20
472068	1/4	3/4	50	13
472069	1/4	1	50	10
472034	1/4	1-1/4	50	8
472060	1/4	1-1/2	50	7
472036	1/4	2	50	5
472070	3/8	1/2	50	20
472071	3/8	3/4	50	13
472072	3/8	1	50	10
472045	3/8	2	50	5
472235	1/2	1/2	50	20
472236	1/2	3/4	50	13
472075	1/2	1	25	10
472323	1/2	1	50	10
472052	1/2	1-1/2	25	7
472054	1/2	2	25	5
472056	1/2	3	25	3



### FEATURES

- Good oil and acid resistance
- Excellent ozone and oxidation resistance
- Suited for outdoor applications
- Cost effective for HVAC applications
- Common HVAC sizes in stock
- "Skin" surface provides rigidity

### WHERE TO USE NEOPRENE NITRILE PVC

- HVAC
- Roof curb
- Window and door gasketing
- General industrial
- Dust sealing
- Light sealing

Products should be tested in the application before use.



## VNN

Oil and chemical resistant vinyl nitrile neoprene blend closed-cell foam

### Specifications

- Adhesive: Permanent rubber-based pressure sensitive adhesive
- Test Method: ASTM D1056
- Density (lb/ft<sup>3</sup>): 4 to 5.5
- Compression Deflection: 4 to 6 psi
- Compression Set (50%): 40 max
- Service Temperature: -20°F to 150°F
- Classification: 2C1, 2C2
- Flammability: FMVSS 302; UL94 HF-1 ≥ 1/16"; UL94 V0 ≥ 1/2"

### Features

- Good oil and chemical resistance
- Non-stretch characteristics
- Highest flammability rating

## Rolls

*3" diameter core*

Part Number	Thickness in	Width in	Length ft	Rolls/Carton
472116	1/8	1/2	50	20
472119	1/8	3/4	50	13
472118	1/8	1	50	10
472123	3/16	1/2	50	20
472121	3/16	3/4	50	13
472122	3/16	1	50	10
472124	1/4	1/2	50	20
472120	1/4	3/4	50	13
472117	1/4	1	50	10
472125	1/4	1-1/2	50	7

## WHERE TO USE VNN

- HVAC
- Roof curb
- Door gasketing
- General industrial
- Dust sealing
- Light sealing



**IN STOCK**

**866 800 0775**

*Products should be tested in the application before use.*

## HIGH DENSITY URETHANE (PORON®)

Low compression set open-cell foam that exhibits closed-cell characteristics when compressed

### Specifications

- Adhesives: Permanent rubber-based pressure sensitive adhesive or permanent acrylic-based pressure sensitive adhesive. Our rubber-based adhesive system includes a film carrier for non-stretch characteristics
- Test Method: ASTM D3574
- Density (lb/ft<sup>3</sup>): 15
- Compression Deflection: 4 to 8 psi
- Compression Set (50%): 10 max
- Service Temperature: Rubber-based: -20°F to 150°F; Acrylic-based: -20°F to 190°F
- Flammability: FMVSS 302 UL94 HBF ≥ 3/16"

### Features

- Very low compression set
- Good shock absorption
- Low out-gassing
- Ideal for open/close gasket applications

### Rolls

3" diameter core

Part Number	Thickness	Width	Length	Adhesive	Rolls/Carton
	in	in	ft		
472076	1/8	1/2	50	Acrylic	20
472078	1/8	1	50	Acrylic	10
472079	1/4	1/2	50	Acrylic	20
472081	1/4	1	50	Acrylic	10
472084	1/2	1	25	Acrylic	10
472085	1/8	1/2	50	Rubber	20
472087	1/8	1	50	Rubber	10
472088	1/4	1/2	50	Rubber	20
472089	1/4	3/4	50	Rubber	13
472090	1/4	1	50	Rubber	10
472091	1/2	1/2	25	Rubber	20
472093	1/2	1	25	Rubber	10



### WHERE TO USE HIGH DENSITY URETHANE (PORON®)

- Electrical enclosures
- Access doors/panels
- Louver and vent gasketing
- Lighting
- HVAC enclosures
- Electronics

Products should be tested in the application before use.



## WHERE TO USE PVC

- HVAC
- Appliance
- Construction
- General assembly
- RV/Trailer/Truck

## PVC

Conformable, weather and oxidation resistant closed-cell foam

### Specifications

- Adhesive: Permanent acrylic-based pressure sensitive adhesive
- Test Method: ASTM D1667
- Density (lb/ft<sup>3</sup>): Low: 7, Medium: 11
- Compression Deflection: Low: 2 psi, Medium: 5 psi
- Compression Set (50%): Low: 8 max, Medium: 17 max
- Service Temperature: Low: -40°F to 180°F; Medium: -30°F to 200°F
- Flammability: FMVSS 302

### Low Density Features

- A seal against light, air and moisture
- Excellent weather and oxidation resistance
- Good for outdoor applications

### Medium Density Features

- Great barrier protection from moisture and air
- Excellent weather and oxidation resistance
- Excellent conformability
- Flexibility at low temperatures
- Good for outdoor applications

## Low Density Rolls, Black

*3" diameter core*

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472101	3/16	1/2	50	20
472103	3/16	1	50	10
472095	1/4	1/2	50	20
472096	1/4	3/4	50	13
472094	1/4	1	50	10
472097	1/4	1-1/2	50	7
472098	1/2	1/2	25	20
472099	1/2	3/4	25	13
472100	1/2	1	25	10

## Medium Density Rolls, Gray

*3" diameter core*

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472113	1/16	1/2	150	20
472115	1/16	3/4	150	13
472114	1/16	1	150	10
472110	3/16	1/2	50	20
472111	3/16	3/4	50	13
472104	1/4	1/2	50	20
472109	1/2	1	25	10

*Products should be tested in the application before use.*

## POLYOLEFIN

Dust, air and moisture sealing, flexible closed-cell foam

### Specifications

- Adhesive: Permanent rubber-based pressure sensitive adhesive
- Test Method: ASTM D3575
- Density (lb/ft<sup>3</sup>): 2
- Compression Deflection: 2.5 to 5.9 psi
- Compression Set (50%): 41.2 max
- Service Temperature: -20° F to 150° F

### Features

- Dust, air and moisture sealing
- Good thermal barrier
- Conformability to irregular or textured surfaces
- General industrial
- Light seal



## Rolls

3" diameter core

Part Number	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472126	1/8	1/2	50	20
472127	1/8	3/4	50	13
472128	1/8	1	50	10
472139	3/16	1/2	50	20
472138	3/16	3/4	50	13
472140	3/16	1	50	10
472150	1/4	1/2	50	20
472152	1/4	1	50	10
472162	3/8	1/2	50	20
472174	1/2	1/2	25	20
472176	1/2	1	25	10

### WHERE TO USE POLYOLEFIN

- Air sealing
- Moisture sealing
- Glazing tape
- Shipping pads
- Packaging
- Architectural



Always start with a  
**CLEAN SURFACE**

Dirty, dusty and oily surfaces  
will stop your tape from sticking

Products should be tested in the application before use.



## DURACO® CUSHIONS AND PADS

Non-marring, flexible, self-adhesive foam pads

### Specifications

- Rubber-based permanent on one side
- Material: Polyolefin
- Service Temperature: -20°F to 150°F

### Features

- Ultimate protection and gap filling

### Pre-Cut Pieces on a Roll, White

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
475784	1/4	1	1	5,000
475786	1/4	1	3	1,500
475788	1/2	1	1	3,000
475790	1/2	1	3	1,200

### Pre-Cut Pieces on a Roll, Black

Part Number	Thickness	Width	Length	Pieces/Roll
	in	in	in	
475785	1/4	1	1	5,000
475787	1/4	1	3	1,500
475789	1/2	1	1	3,000
475791	1/2	1	3	1,200

### WHERE TO USE DURACO® CUSHIONS AND PADS

- Packaging
- POP displays
- Furniture
- Shipping pads
- Light sealing



### CUSTOM CONVERTING

Projects come in every shape and size — your tape solution should, too.

Low minimum, fast turnaround.

*Products should be tested in the application before use.*

## General Adhesive Characteristics

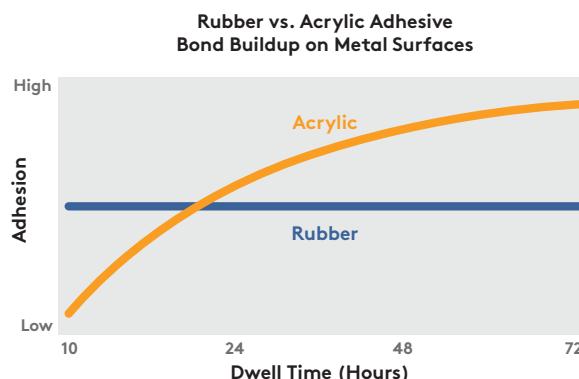
### Rubber-Based

- High initial adhesion
- Some adhesion buildup
- Good shear strength
- Moderate temperature resistance
- Fair UV resistance
- Poor plasticizer resistance

### Acrylic-Based

- Fair initial adhesion
- Gradual adhesion buildup
- High shear strength
- High temperature resistance
- Excellent UV resistance
- Good plasticizer resistance

**Rubber-based:** A rubber-base adhesive provides the most cost effective product for many applications. Its ability to immediately bond well to various surfaces makes it the



first option when using double adhesive foam tape.

**Acrylic-based:** Pure acrylic adhesives have a propensity to withstand UV exposure better than rubber formulations. Rubber-base will lose its tack more quickly under direct exposure. Acrylic adhesives are resistant to plasticizers such as flexible PVC. Rubber-based will be attacked by the plasticizer and break down to a gooey substance. Acrylic adhesives will typically require more set-up time to create a good bond, generally 24 to 48 hours.

**Modified acrylic-based:** Modified acrylics contain the best properties of both rubber and acrylic adhesives. These adhesives are UV resistant and withstand higher temperatures like acrylic adhesives, and bond well to many substrates and have high initial tack like rubber adhesives.

## Removable Adhesives

Remo One®, Remo Two® Metal Shelf Tape®, Remo One® Film and Remo One® Plus adhesives are not recommended for use on wallpaper or painted wallboard. Wallpaper may delaminate when the tape is removed. Painted wallboard must be tested in an inconspicuous area for each application as the quality of the paint and wallboard dictate how well these products can be removed. Glass that allows the adhesive to be exposed to sunlight will, over time, diminish the tape's holding power. Short-term applications (one to two weeks) are possible.

To remove Remo One® and Remo Two®, slowly peel back a corner of the object to remove it from the surface on which it was hanging. Carefully roll or peel off any tape that remains on either surface and discard.

## Application Tests

We recommend an Application Test be conducted on all applications; especially for the following:

- Surfaces with powder coatings – surface energy levels vary.
- UV cured overlays – very difficult to bond to. Surface block-outs may be required.

## General Guidelines

Very rough surfaces will require thicker foam to fill the irregularities.

Rule of thumb for holding power of foam tape is 1/2 to 1 lb. per square inch of tape. Conditions and variables in applications can produce different stresses and affect holding power.

## How does surface preparation affect the product's performance?

Dirt, oil, paint, dust, release agents, inhibitors or other contaminants on the surface of the substrate can interfere with the adhesive and affect the bond. Surface preparation may be required to remove the contaminants and improve the performance of the adhesive. The type of substrate determines the best cleaning method to use in surface preparation.

## The three main ways to prepare surfaces are:

1. General Cleaning – use a 50/50 mixture of Isopropyl Alcohol and water to clean most surfaces, drying with a clean lint-free cloth. Make sure the surface is completely dry before applying the tape. For instances where the surface has only dust or loose particles, you can use a clean lint-free cloth alone to prepare the surface.
2. Solvent Cleaning – use a solvent such as acetone or Isopropanol, drying with a clean lint-free cloth. Make sure the surface is completely dry before applying the tape.
3. Abrasion – use to remove films, surface treatments and paint. Often followed by solvent cleaning.

Note: In applications where tape will be applied to printed or coated materials, masking out the section where the tape will adhere before coating could eliminate the abrasion step and improve the tape's bond. This can be done before coating the substrate or afterward with surface primers.

## Adhesive Promoter

The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.

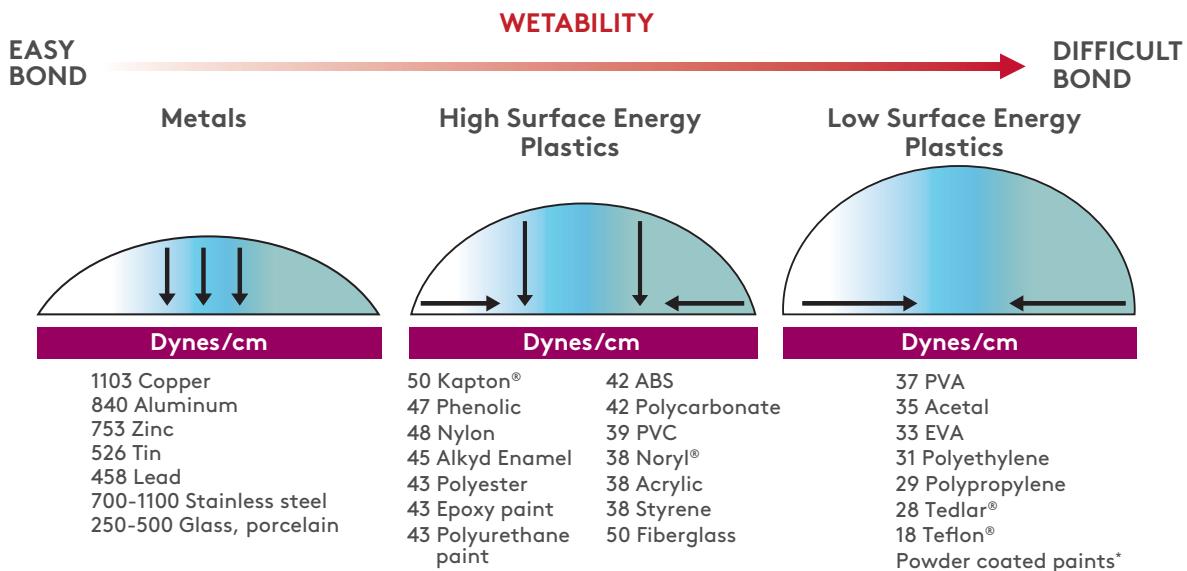
## What other factors will affect adhesion?

There are many factors that could influence the bond between two materials. The following are common factors that would need to be understood to determine the proper material/adhesive combination:

- Temperature
- Humidity
- Chemicals
- Time
- Ultraviolet light
- Surface coatings
- Physical stresses
- Surface contact

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## BONDABILITY OF SUBSTRATES



\*Broad range of surface energy

Note: These values are provided as a guide. Modifications in formulations can substantially alter surface energies.  
Kapton®, Tedlar® and Teflon® are registered trademarks of DuPont. Noryl® is a registered trademark of General Electric.

### To obtain an optimal bond:

1. Rubber-based adhesives provide greater initial adhesion (initial tack), which is important when the need for load bearing is immediate.
2. Proper cleaning to reduce surface contamination is the best way to improve the bond of the adhesive.
3. Firm, even pressure across the entire surface improves the bond of the adhesive.
4. Foam tapes allow for greater surface contact than film tapes when adhering to rough or irregular surfaces.
5. To firmly secure edges, apply pressure to the tape from the top down or center out and give extra attention to the edges.
6. Tape should be applied at a temperature between 65°F and 100°F. The tape as well as the application surface must be at ambient temperature.

### How do the materials I use affect adhesion?

Adhesion is the force of attraction between two materials or substrates. The strength of attraction is determined by the surface energy of the substrate. The higher the surface energy, the greater the attraction. The lower the surface energy, the weaker the attractive forces.

Adhesion characteristics are different depending on the substrate used. Knowing the substrate used helps to determine the proper adhesive to produce a quality bond. For example, polypropylene is a low surface energy substrate and would be harder to stick to than a high surface energy substrate like styrene.

The texture of the substrate can also affect the adhesion. Smooth surfaces are easier to bond to than textured or rough surfaces in cases where the surface energy is equal.

**2C1** – ASTM classification for physical properties of closed-cell rubbers exhibiting fuel resistance and medium mass change.

**ACCELERATED AGING** – A means whereby the deterioration of a tape encountered in natural aging may be accelerated and reproduced in the laboratory.

**ACCELERATED WEATHERING (weathering)** – A means whereby the deterioration caused by outdoor exposure may be accelerated and reproduced in the laboratory.

**ACRYLIC** – A synthetic polymer with excellent aging characteristics that can be used as either a single component adhesive or a coating or saturant, depending upon composition.

**ADHESION** – A bond produced between a pressure sensitive adhesive and a surface.

**ADHESION BUILD-UP** – An increase in the peel adhesion value of a pressure sensitive tape after it has been allowed to dwell to the applied surface.

**ADHESIVE** – Any material that will usefully hold two or more objects together solely by intimate surface contact.

**ADHESIVE RESIDUE** – Adhesive that pulls away from the carrier and remains on the surface to which it was applied.

**ADHESIVE TAPE** – Narrow or flexible strip coated with an adhesive substance on one or both sides.

**ASTM** – American Society for Testing and Materials. The ASTM develops standards on characteristics and performance of materials.

**ASTM D1056** – American Society For Testing Materials test method for classification of flexible cellular materials.

**ASTM D1667** – American Society for Testing Materials test method for classification of flexible cellular materials — vinyl chloride polymers and copolymers (closed-cell foam).

**ASTM D3574** – American Society for Testing Materials test method for classification of flexible cellular materials — slab, bonded and molded urethane foams.

**ASTM D3575** – American Society for Testing Materials test method for classification of flexible cellular materials made from olefin polymers.

**BACKING** – A relatively thin, flexible material to which the adhesive is applied. Theoretically, any material that is reasonably flat, relatively thin and flexible could be used as a tape backing.

**BOND** – The ability of the material to adhere to the adhesive system.

**CARRIER** – Sometimes used to refer to the backing material particularly in double-faced tapes.

**CLOSED CELL** – A flexible, cellular material consisting of a non-interconnecting cell structure.

**COMPRESSION DEFLECTION** – Pounds per square inch (PSI) required to compress a given material a stated percentage of its original thickness.

**COMPRESSION SET** – The amount of permanent set a sample has after being compressed a stated amount, at a specific temperature, for a given amount of time and recovery period.

**CONFORMABILITY** – The ability of tape to fit snugly or make essentially complete contact with the surface of an irregular object without creasing or folding.

**DELAMINATING** – Separating into constituent layers.

**DENSITY** – A material's weight per unit volume.

**DOUBLE COATED** – The adhesive is applied on both sides of the backing which serves principally as a carrier for the adhesive.

**DUROMETER** – A meter used for measuring the hardness of cellular materials. The Shore 00 scale measures the hardness of sponge.

**ELASTIC MEMORY** – A tendency of some tape backings to attempt to return to original length after being elongated.

**ELONGATION** – The distance a tape will stretch lengthwise before breaking expressed as a percentage of original length. Elongation is not necessarily an indication of conformability.

**EPDM** – A rubber polymer consisting of ethylene, propylene and diene molecules. EPDM materials have ozone resistant properties.

**FDA 175.105** – U.S. Food and Drug Administration regulation for indirect food contact. Adhesive must have a barrier and will not migrate above 50 ppb level.

**FILM** – Uniform, homogeneous, non-fibrous synthetic webs.

**FINGER LIFT** – Liner paper extending past the adhesive, providing a dry edge for easy liner removal.

**FLAME RESISTANCE** – The ability of a tape to withstand exposure to flame. Fireproof materials will not burn even when exposed to flame. Flame-resistant (fire-retardant, self-extinguishing) materials will burn when exposed to flame, but will not continue to burn after flame is removed.

**FMVSS 302** – A Motor Vehicle Specification for flame spread. The rate of flame travel down a test sample must be less than 4" per minute.

**FOAM** – A soft, cushiony material formed by creating bubbles in base material such as natural or synthetic rubbers or other elastomeric materials.

**GLOSS** – A surface luster or brightness; shine.

**HEAT RESISTANCE** – The ability of a tape to withstand exposure to specified temperatures after application to a surface. Clean removal after exposure may or may not be important depending on the intended function of the tape and the type of adhesive.

**HF-1** – One of three horizontal flammability classifications relating to low-density foam materials commonly used in fabricating gaskets, speaker grills and sound-deadening material. This rating is given when sample specimens, tested in a horizontal position, self-extinguish within two seconds after flame removal and do not drip any flaming particles.

**HOLDING POWER (shear adhesion)** – The ability of a tape to resist the static forces applied in the same plane as the backing. Usually expressed in a time required for a given weight to cause a given amount of tape to come loose from a vertical panel.

## DIE CUT OPTIONS:

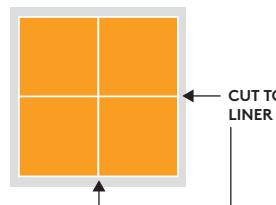
**PRE-CUT** – parts are die cut to the release liner without cutting through the liner. Each part must separate cleanly from the other parts and the liner.



**INDIVIDUAL PIECES** – parts are die cut completely through the release liner. Each part must separate cleanly from the other parts and the liner.



**PADS** – parts are die cut in a combination. Each part must separate cleanly from the other parts and the liner.



# GLOSSARY OF TERMS

**HOT MELT** – A pressure sensitive adhesive applied to the backing in a hot molten form that cools to form a conventional pressure sensitive adhesive.

**HYDROPHILIC** – Having affinity for water: dissolving in, absorbing, or mixing easily with water.

**HYDROPHOBIC** – Not compatible with water: will not absorb or mix with water.

**IMPACT RESISTANCE (shock resistance)** – The ability of a tape to resist sudden pulls or shocks as may sometimes be encountered by packages in transit.

**LAMINATION** – A combination of two or more similar or dissimilar materials that function as one backing for example acetate and tissue in acetate fiber tapes.

**MATTE** – Lacking luster or gloss; dull.

**MODIFIED ACRYLIC** – hybrid polymer system combining the attributes of both acrylic and rubber systems in one adhesive.

**NON-TOXIC** – A material that is free of any toxic substances in its composition.

**NON-WOVEN** – made of randomly laid or oriented fibers or threads held together by interlocking or bonding (as by chemical or thermal means).

**NOTCHES** – The notched portion of the part should easily separate from the scrap or other parts when removed in multiple directions without tearing the foam or liner.

**OPAQUENESS** – The ability of a tape to prevent the transmission of light.

**OPEN CELL** – A flexible, cellular material consisting of an interconnecting cell structure.

**PEEL ADHESION** – The force per unit width required to break the bond between a tape and a surface when peeled back; usually at 180 degrees at a standard rate and condition.

**PLASTICIZATION** – The softening of an adhesive when exposed to migrating plasticizers or oils.

**PLASTICIZER** – a chemical added especially to rubbers and resins to impart flexibility, workability, or stretchability.

**POLYETHYLENE** – A tough, stretchy film having very good low-temperature characteristics.

**POLYESTER** – A strong film having good resistance to moisture, solvents, oil, caustics and many other chemicals. It is usually transparent.

**POLYPROPYLENE** – A cousin of polyethylene with generally similar properties but stronger and having a higher temperature resistance.

**POUNDS PULL** – Standard MDFA measurement for the breakaway force of a magnet.

**PSA** – Pressure Sensitive Adhesive.

**PSI** – Pounds per Square Inch.

**PRESSURE SENSITIVE** – Term commonly used in reference to adhesive tapes that require pressure by hand, roller or machine to bond to a surface.

**PRESSURE SENSITIVE TAPE** – A combination of a pressure sensitive adhesive and a backing.

**PRIMING** – Coating the backing on the adhesive side with a thin layer of adhesive-like material that serves as a bonding agent between the adhesive and the backing.

**QUICK STICK** – The property of a pressure sensitive adhesive that allows it to adhere to a surface under very light pressure. It is determined by the ability of the adhesive to wet the surface contacted quickly.

**RELEASE LINER** – A web or sheet of material covering the adhesive side of a tape. It is removed prior to application. Most frequently found on double-coated tapes and label stocks.

**SCE41** – Prior ASTM classification for physical properties of closed-cell rubbers exhibiting fuel resistance and medium mass change. New rating 2C1.

**SHEAR STRESS** – Force of a material by slippage along a plane or planes parallel to the imposed stress.

**SILICONE** – A unique polymer system that can be a very effective release coating or pressure sensitive adhesive capable of functioning effectively at extreme temperatures.

**SINGLE-SIDED** – The adhesive is applied to one side of the carrier only.

**SHEAR ADHESION** – Time required, under specified test conditions, to slide a standard area of pressure sensitive tape from a standard flat surface in a direction parallel to the surface.

**SURFACE ENERGY** – The measure of surface tension in dynes. The lower the surface energy of a substrate the more difficult for an adhesive to bond to that surface.

**TACK** – The ability of a material to adhere instantaneously to a solid surface when brought into contact by a very light pressure.

**TAPE** – Narrow or flexible strip or band.

**TEAR RESISTANCE** – The ability of a tape to resist tearing after a tear has been started by cutting or nicking of the edge.

**TENSILE STRENGTH (breaking strength)** –

The force required to break a piece of tape by pulling on opposite ends of the piece.

**THICKNESS** – Distance from one surface of either a tape backing or adhesive to the other usually expressed in mils or thousandths of an inch. This is usually measured under slight pressure with a special gauge.

**TRANSFER TAPE** – Unsupported adhesive applied directly to a release coated liner.

**TRANSPARENCY** – The ability of a tape to allow transmission of light. A tape is rated as transparent if 10 point type can be read easily when the tape is applied directly over it.

**UL94** – Underwriters Laboratory rating for small-scale test data that does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by Underwriters Laboratory Inc.

**VINYL or PLASTICIZED POLYVINYL**

**CHLORIDE (PVC)** – A tough, durable plastic film having excellent resistance to oils, chemicals and many solvents. It has excellent abrasion resistance. It also can be colored. Its high stretch is due to the addition of a plasticizer.

**V-0** – One of six vertical flammability classifications relating to materials commonly used in manufacturing enclosures, structural parts and insulators. This rating is given when sample specimens, tested in a vertical position, self-extinguish within ten seconds after flame removal and do not drip any flaming particles.

**WATER ABSORPTION** – The measure of the amount of water that will be soaked up by a tape and held.

**WEB** – The width of any material going through a machine.

## Terms and Conditions of Sale

### ARTICLE 1. Duraco Specialty Tapes LLC (the "Supplier") Terms and Conditions of Sale

#### 1. GENERAL

**1.1** These Terms and Conditions shall apply to the sale and supply of Products by the Supplier to the Customer.

**1.2** The contract governing the sale and supply of Products by the Supplier to the Customer shall in each instance consist of (i) these Terms and Conditions, (ii) the Sales Sheet (if applicable), (iii) the Confirmation (if applicable) issued by the Supplier to the Customer, and (iv) for all orders placed by a Customer via the Supplier's website, any applicable terms and conditions specified on the Supplier's website. Any additional or different terms submitted by the Customer (including any Customer terms and conditions) are expressly rejected and shall not apply to the Contract. These Terms and Conditions may not be supplemented by any course of performance, course of dealing, or trade usage between the parties.

**1.3** The Supplier reserves the right to modify these Terms and Conditions at any time and from time to time to reflect changes in how the Supplier accepts payment from the Customer, changes in relevant laws and regulatory requirements and any other circumstances which are reasonable in the Supplier's opinion. If the Supplier modifies these Terms and Conditions, the Supplier will post the modification on its website and/or notify the Customer of the modified Terms and Conditions. The Supplier will also update the "last updated" date in these Terms and Conditions. Every time the Customer orders Products from the Supplier, the Terms and Conditions published on the Supplier's website at that time or previously notified by the Supplier to the Customer will apply to the applicable Contract.

#### 2. DEFINITIONS AND INTERPRETATION

**2.1** In these Terms and Conditions:

**"Confirmation"** has the meaning given in clause 3.4.2;

**"Contract"** means each individual contract formed pursuant to clause 3.4 and which consists of those documents specified in clause 1.2;

**"Customer"** the person purchasing Products pursuant to orders placed in accordance with clause 3;

**"Delivery"** means the delivery of the Products in accordance with clause 8.1 or 8.2 (as applicable);

**"Export Controls"** means all laws, regulations, codes and controls on the import and export of goods, technology, payment, and services in and out of a country or relevant administrative area or applied by reason of the country of origin of the Products or part of them, including the United States' Export Administration Regulations, the International Traffic in Arms Regulations, the country sanctions and lists of sanctioned individuals and entities maintained by the United States Department of Treasury, and other similar lists and laws maintained in other countries where the Supplier and the Customer do business, each as amended, supplemented or substituted from time to time;

**"Group"** means in relation to a company, that company and any subsidiary and any holding company of that company and any subsidiary of any such holding company in each case from time to time;

**"Intellectual Property Rights"** means patents, utility models, inventions, copyrights, database rights, moral rights, design rights, trademarks, trade names and trade dress, service marks, goodwill, know-how, confidential information and other intellectual property rights, whether registered or unregistered and including all applications for the grant of the foregoing and all rights or forms of protection having similar or equivalent effect to any of the foregoing which may exist anywhere in the world;

**"Materials"** has the meaning given in clause 4.1;

**"Permitted Method"** means email, telephone, electronic data interchange or any other method of communication between the parties which is permitted by the Supplier from time to time;

**"Products"** means the products made available for sale (and, if applicable sold) by the Supplier from time to time and (to the extent applicable) as set out in the Sales Sheet and/or Confirmation;

**"Restricted Party"** means a person or entity that is listed on, owned or controlled by, or acting on behalf of, a person listed on a Sanctions List, or otherwise a subject of Sanctions;

**"Sales Sheet"** means the Supplier's document which can be used to detail certain commercial terms of the Contract which may be formed when the Supplier accepts an order placed by the Customer;

**"Sample"** means a sample of the Product provided by the Supplier to the Customer;

**"Sanctions Authority"** means the Department of State, the Department of Commerce, the Department of the Treasury and the Office of Foreign Assets Control of the United States of America, and any other relevant governments, departments, authorities, institutions or agencies of the United States, the United Nations, or any other country or any other governing body;

**"Sanctions List"** means the Specially Designated Nationals and Blocked Persons list maintained by the United States' Department of the Treasury, Office of Foreign Assets Control, the Consolidated List of Financial Sanctions Targets maintained by the U.K. Treasury, or any similar list maintained by or public announcement of a Sanctions designation made by, a Sanctions Authority, each as amended, supplemented or substituted from time to time;

**"Sanctions"** means any trade, economic or financial sanctions laws, regulations, embargoes or restrictive measures administered, enacted or enforced by a Sanctions Authority;

**"Specification"** means the specification of the relevant Product which may be applicable pursuant to clause 5.2;

**"Supplier"** means Duraco Specialty Tapes LLC;

**"Terms and Conditions"** means these terms and conditions as updated and varied from time to time; and

**"Working Days"** means any day other than a Saturday, Sunday or public holiday in the country in which the Supplier is located.

**2.2** In these Terms and Conditions: (i) a "party" means the Supplier or the Customer (as applicable) and "parties" means both of them, (ii) headings are for convenience only and shall not affect its interpretation, (iii) references to a "person" include any individual, company, corporation, firm, partnership, association, organization, institution, trust or agency, whether or not having a separate legal personality, (iv) words in the singular shall include the plural and vice versa as the context admits or requires, (v) any reference to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced, (vi) the word "including" shall, unless the context otherwise requires, mean "including without limitation", and (vii) "in writing" includes by email or other written Permitted Method.

**3.6** In accordance with the provisions of clause 1.2, each Contract shall consist of these Terms and Conditions and (to the extent applicable) each of the Sales Sheet and the Confirmation, to the exclusion of any terms and conditions the Customer may seek to impose.

**3.7** The Supplier reserves the right to decline to accept or to cancel any order for Products or to impose reasonable conditions prior to accepting any order (including an acceptable letter of credit or prepayment from the Customer) including where the Supplier considers it reasonably necessary for security or fraud prevention purposes or to comply with any applicable laws or regulations in the country of sale, distribution or use.

**3.8** All orders placed by the Customer via the Supplier's website shall be subject to the terms and conditions specified on that website, which terms and conditions shall apply in addition to these Terms and Conditions.

## 3. ORDER AND CONFIRMATION

**3.1** The Supplier shall supply Products ordered by the Customer from time to time in accordance with these Terms and Conditions.

**3.2** Each order placed by the Customer shall be deemed to be a separate offer to purchase Products under these Terms and Conditions which the Supplier shall be free to accept or decline at its absolute discretion. The parties agree and acknowledge that the Supplier is under no obligation to accept any order from the Customer and that the Customer has no right to the supply of any particular amount of Products except as defined by the terms of particular contracts agreed as between the parties from time to time.

**3.3** Orders may be placed by the Customer as follows:

**3.3.1** by completing a Sales Sheet which includes specific details of the Products the Customer desires to purchase and which is signed by both the Customer and the Supplier;

**3.3.2** by placing an order from time to time by a Permitted Method, where the order is governed by (and is made under) a previously agreed Sales Sheet; or

**3.3.3** by placing an order from time to time by a Permitted Method, but where a Sales Sheet has not been completed or agreed.

**3.4** An order placed in the manner described in:

**3.4.1** clause 3.3.1 shall be deemed accepted by the Supplier on execution by both parties of the Sales Sheet; and

**3.4.2** clauses 3.3.2 or 3.3.3 shall be deemed accepted by the Supplier upon the sending by the Supplier of an order acknowledgement and confirmation by a written Permitted Method and which shall confirm the commercial terms of the order (a "Confirmation"), and in each case a separate Contract will be formed upon such acceptance, except that there shall be deemed to be no acceptance where the price of the Product has been incorrectly quoted or stated by the Supplier in a Sales Sheet or Confirmation.

**3.5** The Customer shall act in good faith and with accuracy if it forecasts its requirements for Products. Unless otherwise set out in a Sales Sheet, a product forecast shall be binding on the Customer and shall constitute an order for Products in accordance with clause 3.3.

**3.6** In accordance with the provisions of clause 1.2, each Contract shall consist of these Terms and Conditions and (to the extent applicable) each of the Sales Sheet and the Confirmation, to the exclusion of any terms and conditions the Customer may seek to impose.

**3.7** The Supplier reserves the right to decline to accept or to cancel any order for Products or to impose reasonable conditions prior to accepting any order (including an acceptable letter of credit or prepayment from the Customer) including where the Supplier considers it reasonably necessary for security or fraud prevention purposes or to comply with any applicable laws or regulations in the country of sale, distribution or use.

**3.8** All orders placed by the Customer via the Supplier's website shall be subject to the terms and conditions specified on that website, which terms and conditions shall apply in addition to these Terms and Conditions.

**3.9** If a price quotation is provided by the Supplier in respect of any Products, the quotation shall remain valid for 30 days from the date it is given (unless otherwise specified by the Supplier) but shall not bind the Supplier until the applicable order is accepted by the Supplier in accordance with clause 3.4.

**3.10** Once an order has been accepted by the Supplier it cannot be cancelled, varied or suspended by the Customer without the written agreement of the Supplier.

**3.11** In the event of any conflict between the following, the order of priority between them shall be as follows: (i) the Confirmation, (ii) the Sales Sheet, (iii) these Terms and Conditions, and (iv) to the extent they conflict or are inconsistent with these Terms and Conditions, the terms and conditions set forth on the Supplier's website.

**4. DESCRIPTIONS, SAMPLES AND LITERATURE**

**4.1** Unless otherwise confirmed by the Supplier in writing, nothing in any materials produced by or on behalf of the Supplier which includes images and/or descriptions of the Products (including website content, CAD files, technical drawings, product measurements and specifications, catalogue content or any other Product-specific imagery and information) ("Materials") is to be considered a representation of the source of origin, manufacturer or production of Products or any part of them.

**4.2** All information contained in the Materials are published for the sole purpose of giving the Customer an approximate idea of the Products described in them and shall not be relied on by the Customer or form part of the Contract except as otherwise expressly provided in the Sales Sheet and/or the Confirmation.

**4.3** Any typographical, clerical or other manifestly obvious error or omission in any quote, price list, Confirmation, label, packaging, invoice or other document or information issued by the Supplier may be corrected by the Supplier, without liability to the Customer, at any time either by correcting any such matter in public by publishing the correction on the Supplier's website or by notifying the Customer in writing and such correction shall be immediately binding upon the Customer.

## 5. SUITABILITY OF PRODUCTS; SPECIFICATIONS

**5.1** The Customer must independently determine the suitability of Products for their intended use, and the Customer assumes all risks in connection with the Customer's use of Products. Any statements, technical information, specifications, test results, and recommendations contained in the Materials provided or made accessible by Supplier are believed to be reliable, but the Supplier does not warrant or guarantee the accuracy thereof. The Customer expressly acknowledges that in determining whether a Product will be fit for the Customer's purposes, the Customer is not relying on (i) the Supplier's skill and judgment, or (ii) any Materials which are provided or made accessible by the Supplier to the Customer.

**5.2** A Specification with respect to a Product shall only take effect and form part of a Contract where specified in the Sales Sheet and/or the Confirmation (and in each case this may be facilitated by way of a cross-reference to a pre-agreed specification document). The parties may agree on a process for producing and agreeing on a Specification, which shall be set out in the Sales Sheet. A Specification may include details of the Products measurements, tolerances, quantitative performance requirements, and packaging.

## 6. PRICE

**6.1** The price of Products shall be the price specified in the Sales Sheet or as otherwise agreed and specified in the Confirmation (as applicable). Prices specified in a Sales Sheet will be subject to review and possibly change from time to time in accordance with the mechanism specified in that Sales Sheet.

**6.2** The Supplier will use its reasonable endeavors to ensure that prices are accurately specified in any quote and in the Materials.

**6.3** The Supplier reserves the right to invoice sums in addition to the agreed price to reflect any increase in the cost to the Supplier of supplying any Products which is due to: (i) any increase in the cost of labor or materials (including any storage costs) as a consequence of Delivery of the Products not being in accordance with clause 8.1, (ii) any variation requested by the Customer to delivery dates, quantities, or the Specification, (iii) any delay or additional work or materials caused by any erroneous instructions, neglect or default of the Customer, or (iv) any failure of the Customer to provide the Supplier with adequate and timely information, instructions, or specifications. Subject to the foregoing, prices charged will be those prevailing when an order is accepted.

**6.4** Unless set out in the Sales Sheet or Confirmation, any reference to the price for Products is in U.S. Dollars and is exclusive of any VAT or other taxes or duties and of all costs and charges in relation to non-standard packaging, loading, unloading, carriage and insurance or similar costs, which (if any) shall be paid in addition by the Customer at the time it is due to pay for the Products. Where carriage or other costs to be borne by the Customer are paid by the Supplier, the Supplier shall be entitled to immediately render an invoice in respect of such costs.

## 7. PAYMENT

**7.1** The Supplier shall at its discretion be entitled to invoice the Customer for payment of the price of any Products or any other amounts in advance. The Supplier reserves the right, where the Customer is required to pay for an order in advance, to suspend Delivery of any Products pending receipt of payment.

**7.2** Unless otherwise set out in a Sales Sheet or Confirmation, payment of the Supplier's invoice is due by the Customer (without deduction, discount, abatement or set-off) within 30 days of the date of the invoice, notwithstanding that Delivery may not have taken place or that property in the Products has not passed to the Customer. Time for payment of sums due from the Customer shall be of the essence. No payment will be deemed received until received by the Supplier in cash or cleared funds.

**7.3** Payment is to be made by the Customer via the payment method stipulated in the Sales Sheet or Confirmation (as applicable).

**7.4** If any sums are not paid on or before the due date for payment, interest will accrue on the amount unpaid at the rate of six percent per annum above the base rate of the bank specified in the Sales Sheet, or if no such bank is specified, the Wall Street Journal (or any successor) prime rate. Such interest shall accrue on a daily basis from the due date until payment is made in full (both before and after any judgment).

**7.5** If the Customer fails to make any payment when due pursuant to a Contract then, without prejudice to any other right or remedy available to the Supplier (including the right to charge interest pursuant to clause 7.5), the Supplier shall be entitled to: (i) deduct outstanding sums from any sums owed by the Supplier to the Customer under the Contract or otherwise, (ii) require the Customer to pay any costs of storage of the Products, (iii) suspend any further deliveries to the Customer under the Contract or any other contract between the parties until paid, (iv) resell any Products not yet delivered to the Customer, and/or (v) retain any sums paid as deposit for the Products.

## 8. DELIVERY

**8.1** Unless otherwise agreed in writing between the Supplier and the Customer, and subject to anything specified to the contrary in the Sales Sheet or otherwise agreed and specified in the Confirmation, the Contract shall be Ex Works (Incoterms 2010) at the Supplier's premises and Delivery of the Products shall be effected accordingly. Additional details regarding the physical Delivery of the Products (including the date of collection by the Customer) may be agreed between the parties and set out in the Sales Sheet and/or Confirmation.

**8.2** Unless otherwise set out in the Sales Sheet or Confirmation, any periods of time or dates quoted for Delivery of the Products are estimates only. The Supplier will use its reasonable endeavors to deliver the Products by the delivery date set out in the Sales Sheet or Confirmation (as applicable). If the Supplier is unable to meet the delivery date because of an event outside the Supplier's control, the Supplier will contact the Customer with a revised delivery date.

**8.3** The Supplier may deliver up to 10 percent more or 10 percent less than the quantity of Products specified in the order and the Customer shall accept such variation in quantity and shall pay the agreed price as adjusted to reflect such variation in quantity. Where more than 10 percent or less than 10 percent of the quantity of Products specified in the order are delivered, the Customer and the Supplier shall discuss the excess supply or short supply (as the case may be) and (a) in the case of an excess supply: (i) if the Customer wishes to keep the additional Products, the Customer shall pay the agreed price as adjusted to reflect excess supply, or (ii) if the Customer does not wish to keep the additional Products, the Customer shall promptly return the additional Products in accordance with the Supplier's directions and at the Supplier's cost, or (b) in the case of a short supply: (i) if the Customer does not wish to be delivered

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additional Products to make up the order, the Customer shall pay the agreed price as adjusted to reflect short supply, or (ii) if the Customer wishes to take delivery of additional Products to make up the order, the Supplier shall (where available and in supply) promptly deliver such additional Products to the Customer. The quantity of any consignment of Products, as recorded by the Supplier, on dispatch from the Supplier's premises, shall be conclusive evidence of the quantity received by the Customer on Delivery, unless the Customer can provide conclusive evidence to the contrary.

**8.4** The Supplier shall not be responsible for any losses incurred or suffered by the Customer as a result of a failure to deliver the Products or for short Delivery unless the Customer has informed the Supplier in writing within 12 days from the estimated date of Delivery (in relation to a failure to deliver) or on the actual date of Delivery (in relation to a short Delivery). In any event, where for any reason the Supplier is liable to the Customer for any such losses, the Supplier's liability shall be limited to: (i) the amount by which the price in the cheapest available market of similar goods to replace those not delivered exceeds the agreed price of the Products not delivered, or (ii) if there is no such market, an amount equal to the agreed price applicable in respect of the Products not delivered.

**8.5** Where the Customer fails to take Delivery of the Products or fails to give the Supplier adequate Delivery instructions in advance of the time stated for Delivery (other than by reason of any cause beyond the Customer's reasonable control or by reason of the Supplier's neglect or default) then the Products shall be deemed to have been delivered at the time stated for Delivery and, without prejudice to any other right or remedy available to the Supplier, the Supplier may: (i) store the Products until actual Delivery and charge the Customer for the reasonable costs (including insurance) of storage, if applicable but without any obligation on the Supplier to procure insurance, or (ii) where the Customer has failed to take Delivery of the Products on or before the seventh day following the intended day for Delivery, sell the Products at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) shall reimburse the Customer if the agreed price has already been paid by the Customer or invoice the Customer for any shortfall below the agreed price if payment has not yet been made.

**8.6** Where the Products are to be delivered in installments, each Delivery shall constitute a separate obligation and neither any failure by the Supplier to deliver nor any claim in respect of any one or more installments by the Customer shall entitle the Customer to treat the Contract as a whole as repudiated.

**8.7** If, upon Delivery of the Products, the Customer discovers that it has incorrectly ordered those Products, the Supplier's standard handling charge from time to time will be payable by the Customer if the Supplier agrees (at its sole discretion) to accept return of those Products (at the Customer's risk).

**8.8** No returned Products from any source will be accepted by Supplier, without written approval, together with shipping instructions, from Supplier. If permission is granted by Supplier, the returned Goods will be subject to a 25 percent re-stock handling charge plus freight cost. Non-standard Products or fabricated items are returnable only in Supplier's sole discretion. Unless otherwise agreed by Supplier, Products returned must be in their original, smallest, unopened packaging, or undamaged and in the same condition as when the Products were delivered to Customer.

## 9. RISK AND PROPERTY IN THE PRODUCTS; CUSTOM PRODUCTS

**9.1** Products supplied by the Supplier shall be at the Customer's risk when the Products are unloaded from the Supplier's carrier at the Customer's premise or, where the Products are collected by the Customer from the Supplier's premise (or any other location agreed between the parties), immediately upon being made available for collection. The Customer acknowledges that it is responsible for arranging appropriate insurance for the Products from the point at which it assumes risk.

**9.2** Title in all Products supplied shall be retained by the Supplier until the Supplier has received in either cash or cleared funds all sums due in respect of the Products.

**9.3** Following risk in the Products passing to the Customer pursuant to clause 9.1, until such time as title in the Products passes to the Customer, the Customer must: (i) hold such Products as the Supplier's bailee and act in good faith to protect the Supplier's interests in the Products, (ii) store such Products (at no cost to the Supplier) separately from all other goods of the Customer in such a way that such Products remain identifiable as property of the Supplier and shall not mix them with any other goods, (iii) not pledge or allow any lien, charge, or other interest to arise over the Products or their documents of title, (iv) not destroy or deface any identifying marks on such Products or relevant packaging and maintain such Products in satisfactory condition, and (v) keep such Products insured on the Supplier's behalf and in the event of any claim resulting from loss, theft or damage hold the proceeds of such insurance on trust for the Supplier.

**9.4** In the event that the Customer fails to pay the price of the Products by the due date, the Supplier shall be entitled at any time to require the Customer to deliver up the Products to the Supplier prior to title in the Products passing to the Customer. The Customer grants the Supplier and its agents the right at any such time to enter any premises where the Products are stored to inspect or, if the Customer has failed to deliver up possession when requested by the Supplier, to repossess the Products.

**9.5** The following provisions apply to all sales of custom die cut Products. In the event the Supplier fabricates, or manufactures any dies, forms or patterns (collectively called "Dies") necessary for the manufacture of custom die cut Products for a Customer, the Customer shall reimburse the Supplier for the full cost of making such Dies and such Dies shall remain the property of the Supplier until the Supplier receives full payment from the Customer. If the Supplier is required to re-design, repair or replace any Dies, the Customer shall reimburse the Supplier for all such costs, including tooling and re-tooling costs. The Customer acknowledges that such Dies will be based on technical information and drawings provided by the Customer to the Supplier, and the Customer agrees not to assert any claim against the Supplier with respect to any such technical information or drawings that the Customer may have disclosed to the Supplier. The Supplier shall comply with all specifications, drawings, quality requirements and procedures specified by the Customer, but once the Customer has agreed in writing to the design for a Die, the Customer shall be solely responsible for the proper form, fit and function of the Products manufactured using the Die. The Supplier shall have no liability to the Customer for, and without limiting the Customer's obligations as stated elsewhere herein, the Customer shall indemnify and hold the Supplier harmless from any and all claims, including but not limited to claims of third parties, arising out of or relating in any way to the Dies or the Products manufactured using such Dies, whether based on patent, trademark, copyright, defective design, product liability, and whether arising out of contract,

tort or strict liability, except to the extent such claim arises out of the negligence or willful misconduct of the Supplier or its employees. If the Customer provides Dies to the Supplier, the Supplier shall have no liability to the Customer for any loss or damage to such Dies during transportation from the Customer to the Supplier or during the Supplier's possession and control of such Dies, unless such loss or damage is due solely to the gross negligence or intentional misconduct of the Supplier or its employees. The Customer shall be solely responsible for obtaining and paying for any insurance on such Dies. To the fullest extent permitted by applicable law, the Supplier shall retain a security interest in the Dies (whether created by the Supplier or provided by the Customer) in an amount equal to the total of (i) any unpaid amount due the Supplier hereunder for cost of fabrication, casting, manufacturing, repairing or re-tooling of such Dies, plus (ii) any unpaid amount due the Supplier for any Products manufactured by the Supplier using the Dies. The Customer shall, at the Customer's sole cost and expense, promptly remove the Dies from the Supplier's facility after the last production run using such Dies, provided the Customer has fully paid for such Dies and re-tooling costs, if any. If the Customer fails to do so within 24 months after the last production run using such Dies, the Supplier shall have the right to dispose of such Dies and shall have no liability to the Customer for the Dies or the disposal thereof.

## 10. LIMITED WARRANTY

**10.1** The Supplier warrants that on Delivery all Products will be free from defects in material and workmanship and (if applicable) will conform to the Specification. This express limited warranty is the only warranty provided by the Supplier with respect to the Products.

**10.2** The remedies described in clause 10.5 for the limited warranty contained in clause 10.1 shall not be available to the Customer unless:

**10.2.1** with respect to defects that are apparent on inspection of the Products, the Customer notifies the Supplier in writing, setting out in reasonable detail the nature of the breach of limited warranty within 14 days after Delivery;

**10.2.2** with respect to latent defects, the Customer notifies the Supplier in writing setting out in reasonable detail the nature of the breach of limited warranty within 14 days after the defect became apparent or ought to have become apparent to the Customer, and in any event not later than 180 days after the date of Delivery;

**10.2.3** after receiving such notice of the defect, the Supplier shall be given reasonable opportunity to inspect the Products after they have been returned to the Supplier's place of business (at the Customer's risk and cost) for the purpose of such inspection;

**10.2.4** the total price for the Products has been paid by the Customer; and

**10.2.5** none of the events listed in clause 10.3 apply.

**10.3** The Supplier shall not be liable for any breach of the limited warranty in clause 10.1 if:

**10.3.1** the Customer makes any further use of the Products after giving notice in accordance with clause 10.2;

**10.3.2** the defect arises because the Customer failed to follow the Supplier's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Products or (if there are none) good trade practice regarding the same;

**10.3.3** the defect arises as a result of the Supplier following any drawing, design or specific requirement or instructions supplied or approved by the Customer (including any such thing which may constitute (or form part of) the Specification);

**10.3.4** the Customer alters or repairs the Products without the written consent of the Supplier;

**10.3.5** the Customer makes further use of or resells a Product after the Supplier gives notice of a defect or the Customer fails to comply with the Supplier's reasonable instructions in relation to a Product hold or recall;

**10.3.6** the defect arises as a result of reasonable wear and tear, willful damage, negligence, or abnormal storage or working conditions; or

**10.3.7** the Products differ from the Specification as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

**10.4** If the Customer fails to give notice of rejection in accordance with clause 10.2, it shall be deemed to have accepted the Products.

**10.5** If the Customer rightfully rejects Products under clause 10.2 then the Customer shall be entitled to, at the Supplier's sole option, a refund of the price paid for the rejected Products or replacement of the rejected Products.

**10.6** The terms of the Contract shall apply to any replacement Products supplied by the Supplier. All Products which have been replaced pursuant to clause 10.5 shall belong the Supplier.

**10.7** To the fullest extent permitted by law and subject to clause 11.5, the requirement to provide the remedy contained in clause 10.5 shall be the sole extent of the Supplier's liability arising out of or in connection with any breach of clause 10.1 or any other claim relating to the quality of the Products.

**10.8** The Customer shall comply with all reasonable instructions of the Supplier in relation to any Product hold or Product recall campaign organized in respect of any Products or any other corrective action reasonably taken by or on behalf of Supplier in respect of the Products after Delivery to Customer. Unless required by law, the Customer may not undertake any Product recall or withdrawal without the written permission of the Supplier and only then in strict compliance with the Supplier's instructions as to the process of implementing the withdrawal.

## 11. LIMITATION OF LIABILITY

**11.1** For the purposes of this clause 11, a "Claim" means a claim arising out of or in connection with the supply of any Products to the Customer or as a result of breach of a Contract or of any duty of any nature whatsoever by the Supplier or pursuant to any use made by the Customer or resale by the Customer of any Products (or of any product incorporating any of the Products) or as a result of any representation, statement, act or omission including negligence or breach of statutory duty arising under or in connection with a Contract.

**11.2** SUBJECT TO CLAUSE 11.5, THE SUPPLIER'S AGGREGATE LIABILITY (INCLUDING ANY LIABILITY FOR THE ACTS OR OMISSIONS OF ITS EMPLOYEES, AGENTS, SUB-CONTRACTORS OR OTHER MEMBERS OF ITS GROUP) TO THE CUSTOMER FOR ALL CLAIMS SHALL BE LIMITED AS FOLLOWS:

**11.2.1** THE SUPPLIER'S AGGREGATE LIABILITY FOR A CLAIM IN RELATION TO ANY SINGLE ITEM OF PRODUCT SHALL BE LIMITED TO THE PRICE PAYABLE BY THE CUSTOMER FOR THAT ITEM; AND

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**11.2.2** THE SUPPLIER'S AGGREGATE LIABILITY TO THE CUSTOMER FOR ALL OTHER CLAIMS BROUGHT IN ANY CALENDAR YEAR SHALL BE LIMITED TO THE TOTAL AMOUNT PAID BY THE CUSTOMER TO THE SUPPLIER FOR PRODUCTS DURING THAT CALENDAR YEAR.

**11.3** SUBJECT TO CLAUSE 11.5, THE SUPPLIER SHALL NOT BE LIABLE TO THE CUSTOMER FOR ANY (A) INDIRECT LOSSES, (B) ECONOMIC LOSS, (C) LOSS OF PROFITS OR ANTICIPATED PROFITS, (D) LOSS OF ANTICIPATED SAVINGS, (E) LOSS OF BUSINESS OR OF EXPECTED FUTURE BUSINESS, (F) DAMAGE TO REPUTATION OR GOODWILL, OR (G) PUNITIVE, EXEMPLARY, TREBLE, SPECIAL, INDIRECT OR CONSEQUENTIAL LOSS, WHICH IN EACH CASE ARISES UNDER OR IN CONNECTION WITH A CONTRACT.

**11.4** DISCLAIMER OF IMPLIED WARRANTIES. NOTWITHSTANDING ANYTHING HEREIN TO THE CONTRARY AND TO THE FULLEST EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, OR FITNESS OR SUITABILITY FOR ANY PARTICULAR PURPOSE OR USE, ARE EXCLUDED FROM A CONTRACT AND, SUBJECT TO CLAUSE 11.5, THE SUPPLIER WILL NOT BE LIABLE TO THE CUSTOMER FOR ANY LOSS OF ANY KIND WHATSOEVER WHICH ARISES OUT OF THE BREACH OF IMPLIED WARRANTIES, TERMS OR CONDITIONS, OR BREACH OF ANY DUTY OF ANY KIND IMPOSED ON THE SUPPLIER BY OPERATION OF LAW.

**11.5** Nothing in these Terms and Conditions shall exclude or limit the Supplier's liability in respect of (i) any death or personal injury caused by its gross negligence, (ii) any fraud or fraudulent misrepresentation, or (iii) any other liability to the extent that it may not be so excluded or limited by law.

**11.6** If the Customer becomes aware that any third party has made or appears likely to make any claim against the Customer in respect of the Products (including as to defects in them or rights infringed by them) it shall: (i) promptly notify the Supplier of such claim or circumstance, (ii) promptly take such action as the Supplier may reasonably request to avoid, dispute, defend, mitigate, resist, appeal or compromise such claim or circumstance including to allow the Supplier to take full control of any proceedings or negotiations in connection with the claim, and (iii) not settle or compromise, make any admissions, nor agree any matter in the conduct of any dispute, without the prior written approval of the Supplier.

**11.7** The Customer acknowledges that the limitations of liability set out in these Terms and Conditions are reasonable and reflect the commercial intentions of the parties in the context of the anticipated earnings of the Supplier under a Contract and the ability of the Customer to protect itself through insurance.

**12. FORCE MAJEURE EVENTS**

**12.1** The Supplier shall not be in breach of the terms of a Contract for any delay in performing, or failure to perform, its obligations under the Contract if that failure or delay was due to any cause or circumstance beyond the Supplier's reasonable control, which shall, without limiting the generality of the term, include war or other action of military forces, terrorism, riot, civil commotion, sabotage, vandalism, accident, break down or damage to machinery or equipment, fire, flood, severe adverse weather, acts of God, strike, lock-out or other industrial disputes or shortage of materials at the market rates existing when the Contract is made, legislative or administrative interference (including, for example, Sanctions, embargos and Export Controls) or was due to any failure, neglect or delay on the part of the Customer or its agents or representatives.

**12.2** The Supplier reserves the right to defer the date of Delivery or to terminate the Contract or reduce the volume of the Products ordered by the Customer (with an appropriate reduction in the price payable by the Customer) if it is prevented from or delayed in the carrying on of its business due to an event referred to in clause 12.1 occurring, and where the event in question continues for a continuous period in excess of 30 days either party shall be entitled to give notice in writing to the other to terminate the Contract with no liability due to or by either party.

## 13. TERMINATION

**13.1** Without affecting any other rights and remedies, the Supplier may immediately terminate a Contract if: (i) the Customer fails to pay any sum due under the Contract by the due date for payment and remains in default for more than 14 days after being notified in writing by the Supplier to make such payment, (ii) the Customer materially breaches any term of the Contract, (iii) subject to applicable bankruptcy or similar law, the Customer becomes insolvent, makes any assignment for the benefit of its creditors, is subject to the appointment of a receiver, or if bankruptcy proceedings are instituted by or against the Customer (or, if the Customer is located in Canada, if the Customer proposed a compromise or arrangement under the Companies' Creditors Arrangement Act (Canada)), or (v) the Supplier possesses bona fide and justifiable reason to believe that any of the events specified in (iii) above is likely to occur and notifies the Customer accordingly.

**13.2** Where the Supplier terminates the Contract in accordance with clause 13.1, without prejudice to clauses 9.3 or 9.4 or to any other right or remedy available to the Supplier: (i) the Supplier shall be entitled to terminate any other contract or suspend any further deliveries under any other contract between the parties, (ii) where the Products have been delivered, but not paid for, the Customer's right to possession shall terminate and the Supplier may dispose or use any of the Products as it wishes, and (iii) the price for the Products shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

**13.3** Termination of the Contract, for whatever reason, shall not affect any of its provisions which are expressed or are intended to survive any such termination.

## 14. INDEMNITY

**14.1** Without prejudice to the Supplier's other rights and remedies and to the fullest extent permitted by law, the Customer shall indemnify and keep indemnified the Supplier, its Group and its employees and agents on demand in full against any and all actual or threatened loss, liability, damage, costs, claims and expenses (including but not limited to reasonable attorney's fees, expert's fees and expenses of litigation) incurred or suffered as a result of: (i) any claim brought by any third party in respect of losses, injury or damage caused by any Products which, following Delivery, have been subjected to any use other than the authorized use for the Products (being the use for which the Products are commonly supplied) or modified or repaired by a person other than the Supplier, (ii) any allegation or claim made against the Supplier by a third party in relation to the actual or purported infringement of that third party's Intellectual Property Rights due to the incorporation into a Product design of any requirements, designs, specifications or other materials (including third party components) stipulated or provided by the Customer, (iii) the negligence of Customer, and (iv) the breach by Customer of any of the terms and conditions of this Contract.

## 15. INTELLECTUAL PROPERTY RIGHTS

**15.1** Except as otherwise agreed in a Sales Sheet and/or Confirmation, the Supplier and/or the Supplier's licensors shall own all Intellectual Property Rights in the Products, catalogue and any Materials.

**15.2** The Customer is not granted any rights or license in respect of the Products, other than the right to use or resell the Products in the Customer's ordinary course of business and otherwise in accordance with the terms and conditions of the Contract.

**15.3** The Supplier grants to the Customer a limited, non-exclusive, non-transferable license, without the right to sublicense, to access and view and (unless shown as not permitted) download and print the Materials in each case solely for the Customer's internal purposes.

**15.4** The Customer shall not use, copy, adapt, transmit, distribute, modify, publish, reverse engineer, create derivative works based upon, distribute, license, sell, transfer, publically perform, broadcast, communicate to the public or otherwise exploit the Materials except as expressly permitted in these Terms and Conditions or otherwise without the Supplier's prior written consent.

## 16. EXPORT CONTROLS AND SANCTIONS

**16.1** The Customer warrants and represents that neither it, nor any of its Group, nor any directors, officers or employees of any of its Group: (i) is a Restricted Party or is engaging in or has engaged in any transaction or conduct that could result in it becoming a Restricted Party, (ii) has engaged or is engaging, directly or indirectly, in any trade, business or other activities with, for the benefit of, or on behalf of, any Restricted Party, (iii) has violated or is violating applicable laws, statutes, regulations and codes relating to Export Controls or Sanctions.

**16.2** The Customer acknowledges that some of the Products, their components and technologies may be subject to Export Controls and Sanctions. The Customer shall: (i) comply with Export Controls and Sanctions applicable to both the Supplier and the Customer, (ii) not export, re-export, transfer or trade, directly or indirectly, with or to any Restricted Party nor any person or entity incorporated or located in any country subject to Sanctions, (iii) obtain at its cost any license, permit, notification or authorization required to sell, export, re-export, transfer or import the Products, their components and technologies, and (iv) ensure that the end-use of the Products will not breach any Export Controls or Sanctions, including weapons of mass destruction and military end-use controls.

## 17. GENERAL

**17.1** The Customer shall at all times: (i) respond promptly to any request for guidance or instruction which is reasonably required by the Supplier to enable it to perform its obligations under a Contract; (ii) co-operate with the Supplier as necessary or desirable for the performance of a Contract, and (iii) promptly provide the Supplier with all documents and information in the Customer's possession or control which the Supplier reasonably requires in order to comply with its internal and Group policies and with all applicable laws and regulatory requirements (including all documents and information associated with know your customer checks).

**17.2** The Contract contains the entire agreement and understanding of the parties and supersedes all prior agreements, understandings or arrangements (both oral and

written) in respect of the Products and the subject matter hereof. The Customer acknowledges that it is entering into the Contract without reliance on any undertaking, warranty, or representation given by or on behalf of the Supplier, other than as expressly contained in the Contract (or any document expressly incorporated into the Contract). This clause 17.1 is subject to clause 11.5.

**17.3** The parties acknowledge that in performing their obligations hereunder, each party is acting as an independent contractor. Nothing in this Contract shall be construed to create a relationship of partnership, joint venture, agency, employment, franchise or other similar arrangement between the parties. Neither party has the authority to enter into any agreement, or make any warranty or representation on behalf of the other party, except where and to the extent specifically authorized to do so in writing. To the extent that either party utilizes its employees for the performance of its duties pursuant to this Contract, that party shall be solely responsible for the payment of salaries and wages to such employees and matters relating thereto (including the withholding and/or payment of all federal, state and local income and other payroll taxes), workers compensation, disability benefits, and all such other legal requirements of like nature applicable to such employees.

**17.4** The Customer shall not transfer, assign, sub-contract or deal in any other similar manner any of its rights or obligations under the Contract or purport to do any of the same.

**17.5** Any notice shall be in writing and addressed to the other party at, in the case of the Supplier, the address, facsimile number or email address specified in the Sales Sheet and/or Confirmation (as applicable) and in the case of the Customer at the address or email address specified in the Sales Sheet or (if that is not applicable) at its registered address or an email address it may have used to place an order for Products with the Supplier, and may be given by any of the following methods: (a) personal delivery; (b) facsimile transmission; (c) registered or certified mail, postage prepaid, return receipt requested; (d) overnight delivery service; or (e) email. All such notices and communications shall be deemed received upon the earlier of (a) actual receipt thereof by the addressee, or (b) actual delivery thereof to the appropriate address, (c) in the case of a facsimile transmission, upon transmission thereof by the sender and issuance by the transmitting machine of a confirmation slip confirming that the number of pages constituting the notice have been transmitted without error, and (d) in the case of email transmission, the date and time the email was sent (unless an out of office message is received by the sending party, in which case notice will be deemed to have not been validly provided by email). In the case of notices sent by facsimile transmission or email, the sender shall contemporaneously mail a copy of the notice to the addressee at the address provided for above. However, such mailing shall in no way alter the time at which the facsimile or email notice is deemed received.

**17.6** In the event that any provision of these Terms and Conditions is held illegal or invalid for any reason, that illegality or invalidity shall not affect the remaining provisions of these Terms and Conditions, in which event these Terms and Conditions shall be construed and enforced as if that illegal or invalid provision had never been inserted herein.

**17.7** Where the Contract is entered into in the manner described in clause 3.3.1, the Sales Sheet may be executed in any number of counterparts and by the parties on separate counterparts, but shall not be effective until each party has executed at least one counterpart. Each counterpart, when executed, shall be an original, but all counterparts shall together constitute one and the same instrument.

# DURACO TERMS AND CONDITIONS OF SALE

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**17.8** No modification or amendment of the Contract shall be effective unless it is made in writing, refers specifically to the Contract and is signed by both of the parties.

**17.9** No waiver of any term, provision or condition of the Contract shall be effective, except where it is clearly made in writing and signed by the waiving party. No waiver of any particular breach of the Contract shall be held to be a waiver of any other or subsequent breach.

**17.10** No omission or delay on the part of any party in exercising any right, power or privilege under the Contract shall operate as a waiver by it or of any right to exercise it in future or of any other of its rights under the Contract.

**17.11** The rights and remedies arising under, or in connection with, the Contract are cumulative and, except where otherwise expressly provided in the Contract do not exclude rights and remedies provided by law or otherwise.

**17.12** The Contract shall be construed and enforced in accordance with, and the rights of the parties shall be governed by, the internal laws of the State of Illinois (without giving effect to the choice of law rules thereof), notwithstanding that one or more parties may now or hereafter become domiciled in another state or country. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to the Contract. To the extent relevant pursuant to clause 8.1 the international rules for the interpretation of trade terms prepared by the International Chamber of Commerce (Incoterms) shall apply (unless agreed otherwise) but where they conflict with the Contract, the Contract shall prevail.

**17.13** Subject to clause 17.14, any and all disputes, complaints, controversies, claims and grievances arising under, out of, in connection with, or in any manner related to this Contract or the relationship of parties hereunder shall be settled by binding arbitration in accordance with the Commercial Arbitration Rules of the American Arbitration Association. The obligation to arbitrate shall extend to any affiliate, subsidiary, officer, employee, shareholder, principal, agent, trustee in bankruptcy or guarantor of a party making or defending any claim hereunder. Any decision and award of the arbitrator shall be final, binding and conclusive upon all of the parties hereto and said decision and award may be entered as a final judgment in any court of competent jurisdiction. Notwithstanding said Rules, any arbitration hearing to take place hereunder shall be conducted in Chicago, Illinois, before one (1) arbitrator who shall be an attorney who has substantial experience in commercial law issues. However, neither party shall institute an arbitration, or any other proceeding to resolve such disputes between the parties before that party has sought to resolve disputes through direct negotiation with the other party. If disputes are not resolved within three (3) weeks after a demand for direct negotiation, the parties shall attempt to resolve disputes through mediation conducted in Chicago, Illinois. If the parties do not agree on a mediator within ten (10) days, either party may request the American Arbitration Association to appoint a mediator who shall be an attorney who has substantial experience in commercial law issues. If the mediator is unable to facilitate a settlement of disputes within forty-five (45) days, the mediator shall issue a written statement to the parties to that effect and the aggrieved party may then seek relief through arbitration as provided above. The fees and expenses of the mediator shall be split and paid equally by each of the parties. In the event of any arbitration between the parties hereto involving this Contract or the respective rights of the parties hereunder, the party who does not prevail in such arbitration shall pay all the prevailing party's reasonable attorneys' and experts' fees, costs and expenses incurred by the prevailing party in resolving said matter. As used herein the term 'prevailing party' shall include, but not be limited to, a party who obtains legal counsel or brings an action against the other by reason of the other's breach or default and obtains substantially the relief sought whether by compromise, settlement, or judgment. Each party hereby consents to a single, consolidated arbitration proceeding of multiple claims, or claims involving two (2) or more parties. Either party may apply to any court of competent jurisdiction for injunctive relief or other interim measures as provided for elsewhere in this Contract, in aid of the arbitration proceedings, or to enforce the arbitration award, but not otherwise. Any such application to a court shall not be deemed incompatible or a waiver of this provision. The arbitrator shall be required to make written findings of fact and conclusions of law to support its award. Except as may be required by law, neither a party nor an arbitrator(s) may disclose the existence, content, or results of any arbitration hereunder without the prior written consent of both parties. By execution of this Agreement, the Customer consents to the jurisdiction of the American Arbitration Association and waives any objection which Customer may have to any proceeding so commenced based upon improper venue or forum non conveniens.

**17.14** Nothing in this clause 17 shall limit the right of the Supplier to initiate proceedings against the Customer in any other court of competent jurisdiction, nor shall the initiation of proceedings in any one or more jurisdiction preclude the Supplier from initiating proceedings in any other jurisdiction, whether concurrently or not, to the extent permitted by the law of such other jurisdiction.

**Date of last update: October 2019**

# Duraco is Thinking Green!

Duraco is committed to being environmentally conscious of all materials, processes and finished goods that our product life cycle touches.

## ACCOMPLISHMENTS:

- ✓ ISO 9001:2015 Certification
- ✓ Improved landfill diversion rate by 100% with continued focus on recycling efforts
- ✓ Invested in new, environmentally safe, emulsion coating technology system
- ✓ Enhanced thermal oxidizer system to allow regenerative functionality

Look for this symbol next to the products that produce low VOC emissions from:

- Formaldehyde
- Toluene
- Xylene
- Chlorpyrifos
- Paradichlorobenzene
- Ethyl Benzene
- Styrene
- Dibutyl Phthalate
- Di-2-ethylhexylphthalate
- Tetradecane
- Diazinon
- Acetyldehyde
- Fenobucarb
- Nonanal





## ENVIRONMENTAL POLICY

Duraco is committed to protecting the local and global environment of the Earth. To minimize environmental impacts concerning our activities, products and services, we shall:

- Comply with applicable legal requirements and other requirements to which the Company subscribes which relate to its environmental aspects.
- To include the consideration of environmental issues in business strategies and initiatives.
- Duraco senior management are committed to ensure that protection of the environment is firmly embedded in both the company's and all employees culture and will endeavor to influence its suppliers and customers in a similar strategic environmental manner.
- Prevent pollution, reduce waste and minimize the consumption of resources.
- Consider the wider global impact of all our activities including those of our suppliers, customers, and other interested parties.
- Educate, train and motivate employees to carry out tasks in an environmentally responsible manner and ensure that a continuous professional development strategy remains core to our business goals.
- Encourage environmental protection among suppliers and subcontractors.
- To take into account the feasibility of influencing its suppliers, customers and third parties with consideration to life cycle impacts of their aspects and activities.
- Encourage and enhance biodiversity and ecology.

The Company is committed to continual improvement of environmental performance. This Policy will be communicated to all staff, contractors and suppliers, and be available to the public through selected media.

## HEALTH & SAFETY

Duraco is dedicated to providing a safe and healthy workplace for employees, contractors, and visitors. Appropriate to the nature and scale of our Occupational Health & Safety program, our intent is to control, monitor and eliminate OH&S hazards and reduce risks. We will maintain our commitment to this policy through continual improvement, setting objectives and the prevention of injury and illness. All interested parties will be made aware of their OH&S obligations through continued communication and participation. We will comply with applicable legal and other requirements to which the organization subscribes that relate to OH&S. We will periodically review and revise our OH&S system to ensure compliance.

## QUALITY POLICY

Duraco is committed to providing adhesive coated and uncoated products that meet contractually defined functional requirements, delivered on time, to the satisfaction of our customers, aided by the continual improvement of our Quality Management System.

- **Fast, friendly service**
- **Can't find what you need? Call us**
- **Your order ships immediately**
- **Free samples available**



TAPE  
EXPERTS



IN STOCK



CONVENIENT  
SERVICE



FREE  
SAMPLES

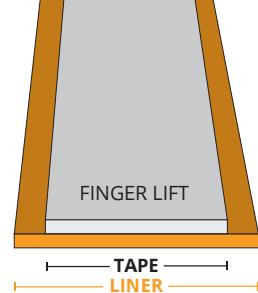


CUSTOM  
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Your time is important,  
so we extended the liner to  
make peeling quick and easy



# Duraco Finger Lift

Our Finger Lift liners are available  
in transfer, tissue, foam and  
film tapes.

Convenience you'll love, with the  
same quality and performance  
you've come to trust.



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IN STOCK