



## MATTE STICKER

### PRODUCT CODE: 3-1936

#### PRODUCT DESCRIPTION

This product is a 1.0-mil matte clear polyester overlaminating film designed to protect and enhance visual images such as labels, decals and other identification pieces.

#### APPLICATIONS

- Decals
- Labels
- Product identification

#### FEATURES AND BENEFITS

- Protects your decals and labels for image enhancement.

#### TECHNICAL DATA

Face Material	1.0 mil polyester
Color and Finish	Matte clear
Adhesive	75 solvent permanent
Liner	50# paper

#### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel	2.8 lbs./inch	3.7 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-65°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	2 years	

#### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

May-14

Form 109-01


**FRIENDLY GLOSS**  
**PRODUCT CODE: 3-2315****PRODUCT DESCRIPTION**

Environmentally friendly 2-mil gloss clear polypropylene overlamine with a water-based permanent adhesive on a paper liner designed to protect and enhance your green earth friendly graphics.

**APPLICATIONS**

- Point of purchase displays

**FEATURES AND BENEFITS**

- Environmentally friendly 
- 2.0-mil gloss clear polypropylene with a permanent emulsion adhesive on a bleached paper glassine liner.

**TECHNICAL DATA**

Face Material	2.0-mil polypropylene
Color and Finish	Gloss clear
Adhesive	Permanent acrylic
Liner	50# glassine, white

**TYPICAL CHARACTERISTICS**

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	1.4 lbs./inch	2.0 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Outdoor Life	1 year	
Shelf Life (@ 73°F, 50% RH)	2 years	

**CHEMICAL RESISTANCE**

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
Dec-10



## FRIENDLY GLOSS PRODUCT CODE: 3-2315


### PRODUCT DESCRIPTION

Environmentally friendly 2-mil gloss clear polypropylene overlamine with a water-based permanent adhesive on a paper liner designed to protect and enhance your green earth friendly graphics.

### APPLICATIONS

- Point of purchase displays

### FEATURES AND BENEFITS

- Environmentally friendly 
- 2.0-mil gloss clear polypropylene with a permanent emulsion adhesive on a bleached paper glassine liner.

### TECHNICAL DATA

Face Material	2.0-mil polypropylene
Color and Finish	Gloss clear
Adhesive	Permanent acrylic
Liner	50# glassine, white

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	1.4 lbs./inch	2.0 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Outdoor Life	1 year	
Shelf Life (@ 73°F, 50% RH)	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

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Dec-10



## FRIENDLY FLOOR TALKER PRODUCT CODE: 3-2318


### PRODUCT DESCRIPTION

Environmentally friendly 3.75-mil textured clear polyolefin overlamine with a water-based permanent adhesive on a paper liner designed to protect and enhance your green earth friendly graphics.

### APPLICATIONS

- Point of purchase displays
- Counter graphics

### FEATURES AND BENEFITS

- Environmentally friendly 
- 3.75-mil textured clear polyolefin with a permanent emulsion adhesive on a bleached paper glassine liner

### TECHNICAL DATA

Face Material	3.75-mil polyolefin
Color and Finish	Clear textured
Adhesive	Permanent acrylic
Liner	50# bleached glassine

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	30 oz.	40 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Durability	Indoor use only	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect



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Dec-10



## FRIENDLY FLOOR TALKER PRODUCT CODE: 3-2318


### PRODUCT DESCRIPTION

Environmentally friendly 3.75-mil textured clear polyolefin overlamine with a water-based permanent adhesive on a paper liner designed to protect and enhance your green earth friendly graphics.

### APPLICATIONS

- Point of purchase displays
- Counter graphics

### FEATURES AND BENEFITS

- Environmentally friendly 
- 3.75-mil textured clear polyolefin with a permanent emulsion adhesive on a bleached paper glassine liner

### TECHNICAL DATA

Face Material	3.75-mil polyolefin
Color and Finish	Clear textured
Adhesive	Permanent acrylic
Liner	50# bleached glassine

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	30 oz.	40 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Durability	Indoor use only	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect



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Dec-10



## CLASSIC MATTE UV PRODUCT CODE: 3-7835

### PRODUCT DESCRIPTION

3.5-mil flexible matte-clear vinyl is an intermediate vinyl overlaminate film designed to protect and enhance images and graphics.

### APPLICATIONS

- Overlaminates for your digital media

### FEATURES AND BENEFITS

- Product is designed to inhibit UV light absorption.

### TECHNICAL DATA

Face Material	3.5-mil flexible vinyl
Color and Finish	Matte clear
Adhesive	07UV, Overlaminating permanent solvent
Liner	50# bleached glassine

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz.	75 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	3 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	N/A
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

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May-14

Form 108-01 (1/99)

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## ECONOMY CLEAR PRODUCT CODE: 3-7843

### PRODUCT DESCRIPTION

1-mil clear polypropylene overlaminate film designed to protect and enhance digital graphics.

### APPLICATIONS

- Protective gloss overlaminate on solvent ink jet prints
- Coupons

### FEATURES AND BENEFITS

- 1-mil clear gloss polypropylene with a permanent adhesive on a 50# bleached liner.

### TECHNICAL DATA

Face Material	1.0-mil Polypropylene non-treated
Color and Finish	Gloss clear
Adhesive	Permanent acrylic
Liner	50# glassine white

### TYPICAL CHARACTERISTICS

Average Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	<u>15 min.</u> 1.4 lbs./inch	<u>24 hr.</u> 2.0 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Outdoor Life	1 year	
Shelf Life (@ 73°F, 50% RH)	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HC1 (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
May-12



## CLASSIC GLOSS UV PRODUCT CODE: 3-7844

### PRODUCTION DESCRIPTION

3.5-mil high gloss clear flexible vinyl is an intermediate vinyl overlaminate film designed to protect and enhance images and graphics. Product is also designed to inhibit UV light absorption.

### APPLICATIONS

- Protects and enhances images and graphics

### FEATURES AND BENEFITS

- Inhibits UV light absorption

### TECHNICAL DATA

Face Material	3.5-mil flexible vinyl
Color and Finish	Gloss clear
Adhesive	07UV, Overlaminating permanent solvent
Liner	50# bleached glassine

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz.	75 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	3 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	N/A
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

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May-14

Form 108-01 (1/99)





## ECONOMY CLEAR STICKER

### PRODUCT CODE: 3-7845

#### PRODUCTION DESCRIPTION

1.0-mil clear polyester overlaminating film. Designed to protect and enhance digital images such as labels, decals and other identification pieces. This product is offered on a film liner for excellent wet out characteristics.

#### APPLICATIONS

- Labels
- Decals
- Identification labels

#### FEATURES AND BENEFITS

- 1-mil clear polyester with an overlaminating solvent adhesive on a film liner.

#### TECHNICAL DATA

Face Material	1.0-mil polyester
Color and Finish	Clear
Adhesive	22, Overlaminating permanent solvent
Liner	1.2-mil Polyester

#### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	35 oz.	40 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-65°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	2 years	

#### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

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May-14

Form108-01(1/99)



## PRODUCT CODE: 3-7896

### PRODUCTION DESCRIPTION

3.0-mil clear polyester film print treated for use with UV and conventional inks. Polyester films have many uses including decorative trim, product identification pieces, two-way window decals, and point of purchase displays.

### APPLICATIONS

- Decorative trim
- Production identification pieces
- Point of purchase displays
- Window decals

### FEATURES AND BENEFITS

- 3.0-mil print-treated clear polyester with a permanent acrylic adhesive on a film liner.

### TECHNICAL DATA

Face Material	3.0-mil polyester, print-treated
Color and Finish	Gloss clear
Adhesive	Permanent acrylic
Liner	1.2-mil polyester

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	34 oz.	42 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-65°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect

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Mar-05

**CLASSIC LUSTER UV**  
**PRODUCT CODE: 3-8213****PRODUCTION DESCRIPTION**

3.5-mil flexible luster-clear vinyl is an intermediate vinyl overlaminate film designed to protect and enhance images and graphics. Product is also designed to inhibit UV light absorption.

**APPLICATIONS**

- Overlaminates for your digital media

**FEATURES AND BENEFITS**

- 3.5-mil luster-clear flexible vinyl, overlaminating permanent solvent adhesive, 50# bleached glassine liner.

**TECHNICAL DATA**

Face Material	3.5-mil flexible vinyl
Color and Finish	Luster Clear
Adhesive	07UV, Overlaminating Permanent Solvent
Liner	50# bleached glassine liner

**TYPICAL CHARACTERISTICS**

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz.	75 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
UV Block (spectrophotometer)	100% 200 nm – 360 nm	
	80% 360 nm – 400 nm	
Outdoor Life	3 years	

**CHEMICAL RESISTANCE**

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	N/A
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

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May-14

Form 108-01 (1/99)



## PERFORMANCE FLOOR TALKER PRODUCT CODE: 3-8621

### PRODUCTION DESCRIPTION

Ideal for long-term durability, this overlamine product is an excellent choice for high volume and extended floor graphics applications. This product is offered on a film liner for excellent wet out and is UL-410 classified for slip resistance.

### APPLICATIONS

- Floor graphics
- Counter graphics

### FEATURES AND BENEFITS

- UL-Classified product: file number MH14249.
- 5.0-mil clear scuff and slip resistant vinyl.
- Laminates without silvering on most UV inkjet prints while maintaining a high bond

### TECHNICAL DATA

Face Material	5.0-mil vinyl
Color and Finish	Slip resistant clear
Adhesive	FG, Permanent solvent
Liner	1.2-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	140 oz.	165 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Indoor Life	Up to 1 year	
Outdoor Life	30 days	
Flammability	Self-Extinguishing	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	N/A
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect



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May-14

**ULTRA LUSTER UV**  
**PRODUCT CODE: 3-8750****PRODUCTION DESCRIPTION**

3.5-mil premium calendared vinyl consists of a flexible, semi-gloss film having excellent weathering and aging characteristics. Features a permanent acrylic adhesive with ultra-violet inhibitors. Ideal for use as an overlaminating film where a semi-gloss look is desired.

**APPLICATIONS**

- Decorative trim
- Production identification pieces
- Point of purchase displays
- Window decals

**FEATURES AND BENEFITS**

- 3.5 mil semi-gloss clear premium vinyl, permanent acrylic adhesive, 50# bleached glassine liner.

**TECHNICAL DATA**

Face Material	3.5-mil premium calendared vinyl
Color and Finish	Semi-gloss Clear
Adhesive	Permanent acrylic
Liner	50# bleached glassine

**TYPICAL CHARACTERISTICS**

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz.	75 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Durability	5 years	

**CHEMICAL RESISTANCE**

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect
Gasoline (1 hr)	No Effect

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Dec-10





## VELVET UV 15 PRODUCT CODE: 3-8760

### PRODUCTION DESCRIPTION

15-mil velvet polycarbonate overlaminating film. This product is designed for use as a protective overlaminate where graphics may experience a high exposure to scuffing. Adds depth to the aesthetics of visual images such as photo displays and point-of-purchase graphics. Impact resistant.

### APPLICATIONS

- Photo displays
- Point of purchase graphics

### FEATURES AND BENEFITS

- 15-mil velvet gloss polycarbonate with an overlaminating solvent adhesive on a 1.5-mil polyester release liner.
- Impact resistant.

### TECHNICAL DATA

Face Material	15.0-mil polycarbonate
Color and Finish	Velvet gloss clear
Adhesive	13UV, Overlaminating permanent solvent
Liner	1.5-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	65 oz.	130 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-30°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Static Shear (1" x 1" x 1000 grams)	>200 hours	
Outdoor Life of Film	1 year	
UV Block	100% 200 nm – 360 nm	
	98% 360 nm – 400 nm	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
May-14 Form 108-01 (1/99)





## VELVET UV 5 PRODUCT CODE: 3-8785

### PRODUCTION DESCRIPTION

5.0-mil velvet polycarbonate overlaminating film. This product is designed for use as a protective overlaminate where graphics may experience a high exposure to scuffing. Adds depths to the aesthetics of visual images such as photo displays and point-of-purchase graphics. Impact resistant.

### APPLICATIONS

- Photo displays
- Point of purchase graphics

### FEATURES AND BENEFITS

- 5-mil velvet gloss polycarbonate with an overlaminating solvent adhesive on a 1.5-mil polyester release liner.
- Impact resistant.

### TECHNICAL DATA

Face Material	5.0-mil polycarbonate
Color and Finish	Velvet gloss clear
Adhesive	13UV, Overlaminating permanent solvent
Liner	1.5-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	125 oz.	150 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-30°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Static Shear (1" x 1" x 1000 grams)	>200 hours	
Outdoor Life of Film	1 year	
UV Block	100% 200 nm – 360 nm	
	98% 360 nm – 400 nm	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
May-14 Form 108-01 (1/99)



## VELVET UV 10 PRODUCT CODE: 3-8799

### PRODUCTION DESCRIPTION

10-mil velvet polycarbonate overlaminating film. This product is designed for use as a protective overlaminate where graphics may experience a high exposure to scuffing. Adds depth to the aesthetics of visual images such as photo displays and point-of-purchase graphics. Impact resistant.

### APPLICATIONS

- Photo displays
- Point of purchase graphics

### FEATURES AND BENEFITS

- 10-mil velvet gloss polycarbonate with an overlaminating acrylic adhesive on a 1.5-mil polyester release liner.
- Impact resistant.

### TECHNICAL DATA

Face Material	10.0-mil polycarbonate
Color and Finish	Velvet gloss clear
Adhesive	13UV, Overlaminating permanent solvent
Liner	1.5-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	110 oz.	140 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-30°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Static Shear (1" x 1" x 1000 grams)	>200 hours	
Outdoor Life of Film	1 year	
UV Block	100% 200 nm – 360 nm	
	98% 360 nm – 400 nm	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
May-14



## VELVET UV 3 PRODUCT CODE: 3-8944

### PRODUCT DESCRIPTION

This 3.0-mil velvet-matte polycarbonate overlaminating film is designed for use as a protective overlaminate where graphics may experience a high exposure to scuffing.

### APPLICATIONS

- Product identification pieces
- Photo displays
- Point of purchase displays

### FEATURES AND BENEFITS

- Adds depth to the aesthetics of visual images
- Impact resistant

### TECHNICAL DATA

Face Material	3.0-mil polycarbonate
Color and Finish	Velvet-matte clear
Adhesive	13UV, overlaminating permanent acrylic
Liner	1.2-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	70 oz.	96 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-30°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Static Shear (1" x 1" x 1000 grams)	>200 hours	
Outdoor Life of Film	1 year	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

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Dec-10



## ULTIMATE GLOSS PRODUCT CODE: 3-8954

### PRODUCT DESCRIPTION

Product 3-8954 is a high gloss clear cast vinyl film, which can be used for overlaminating other vinyl films. The superb clarity of the cast vinyl film and of the solvent adhesive keeps the image sharp and clear.

### APPLICATIONS

- Vehicle graphics
- Protects and enhances images and graphics
- Window graphics

### FEATURES AND BENEFITS

- Solvent adhesive wets out quickly to provide a clean image.
- Stabilized vinyl film offers excellent protection from UV radiation to enhance the weathering of the underlying graphics.
- 2.0-mils thick cast vinyl film for ultra-flexibility.

### TECHNICAL DATA

Face Material	2 mil premium cast vinyl
Color and Finish	Clear - gloss
Adhesive	707 Permanent solvent
Liner	50# glassine

### TYPICAL CHARACTERISTICS

Average Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°, on stainless steel)	<u>20 min.</u> 32oz/in.	<u>24 hr.</u> 50oz/in.
Minimum Application Temperature:	50°F	
Service Temperature Range:	-50°F to 225°F	
Peak Value		
Shelf Life @ 73°, 50% RH:	2 years	
Dimensional Stability (48 hrs. @ 150°F)	0.01 inches	
Outdoor Life of film:	5 years	
60° Gloss	80 minimum	

### CHEMICAL RESISTANCE

Distilled Water (24 hours)	No Effect
Detergent (24 hours)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (10 minutes)	No Effect
SAE 30 Motor Oil (10 minutes)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
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## ULTIMATE LUSTER PRODUCT CODE: 3-8955

### PRODUCT DESCRIPTION

Product 3-8955 is a luster 2-mil cast vinyl film, which can be used for overlaminating other vinyl films. The luster finish of the cast vinyl film reduces glare and still provides an excellent view of the underlying image.

### APPLICATIONS

- Protects and enhances images and graphics
- Vehicle graphics
- Window graphics

### FEATURES AND BENEFITS

- Solvent adhesive wets out quickly to provide a clean image.
- Stabilized vinyl film offers excellent protection from UV radiation to enhance the weathering of the underlying graphics.

### TECHNICAL DATA

Face Material	2 mil premium cast vinyl
Color and Finish	Clear – luster
Adhesive	707, Permanent solvent
Liner	50# glassine

### TYPICAL CHARACTERISTICS

Average Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°, on stainless steel)	<u>20 min.</u> 32oz/in.	<u>24 hr.</u> 50oz/in.
Minimum Application Temperature:	50°F	
Service Temperature Range:	-50°F to 225°F	
Peak Value		
Shelf Life @ 73°, 50% RH:	2 years	
Dimensional Stability (48 hrs. @ 150°F)	0.01 inches	
Outdoor Life of film:	5 years	
60° Gloss	30 ± 5	

### CHEMICAL RESISTANCE

Distilled Water (24 hours)	No Effect
Detergent (24 hours)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (10 minutes)	No Effect
SAE 30 Motor Oil (10 minutes)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
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## ULTIMATE MATTE PRODUCT CODE: 3-8956

### PRODUCTION DESCRIPTION

Product 3-8956 is a matte cast vinyl film which can be used for overlaminating other vinyl films. It offers maximum flexibility. The matte finish of the cast vinyl film reduces glare and still provides an excellent view of the underlying image.

### APPLICATIONS

- Protects and enhances images and graphics
- Vehicle graphics
- Window graphics

### FEATURES AND BENEFITS

- The stabilized vinyl film offers excellent protection from UV radiation.
- The overlaminate solvent adhesive wets out quickly to provide a clean image.

### TECHNICAL DATA

Face Material	2 mil premium cast vinyl
Color and Finish	Clear – Matte
Adhesive	707, Permanent solvent
Liner	50# glassine

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>20 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°, on stainless steel)	32oz/in.	50oz/in.
Minimum Application Temperature:	50°F	
Service Temperature Range:	-50°F to 225°F	peak value
Shelf Life @ 73°, 50% RH:	2 years	
Dimensional Stability (48 hrs. @ 150°F)	0.01 inches	
Outdoor Life of film:	5 years	
60° Gloss	8 ± 5	

### CHEMICAL RESISTANCE

Distilled Water (24 hours)	No Effect
Detergent (24 hours)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (10 minutes)	No Effect
SAE 30 Motor Oil (10 minutes)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

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## ULTIMATE OPTICALLY CLEAR PRODUCT CODE: 3-8957

### PRODUCTION DESCRIPTION

Product 3-8957 is a high gloss clear 2-mil cast vinyl film with a polyester liner, which can be used for overlaminating other vinyl films. The superb clarity of the cast vinyl film and of the acrylic adhesive are enhanced by the smooth polyester liner to keep the image sharp and clear.

### APPLICATIONS

- Vehicle wraps
- Vehicle graphics
- Window graphics
- Protects and enhances images and graphics

### FEATURES AND BENEFITS

- 2-mil cast vinyl film offers the maximum flexibility.
- Stabilized vinyl film offers excellent protection from UV radiation to enhance the weathering of the underlying graphics.
- The overlaminate adhesive wets out quickly to provide a clean image.

### TECHNICAL DATA

Face Material	2 mil premium cast vinyl
Color and Finish	Clear – gloss
Adhesive	Permanent acrylic
Liner	1.2 mil polyester

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>20 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°, on stainless steel)	32oz/in.	50oz/in.
Minimum Application Temperature:	50°F	
Service Temperature Range:	-50°F to 225°F	
Peak Value		
Shelf Life @ 73°, 50% RH:	2 years	
Dimensional Stability (48 hrs. @ 150°F)	0.01 inches	
Outdoor Life of film:	5 years	
60° Gloss	80 minimum	

### CHEMICAL RESISTANCE

Distilled Water (24 hours)	No Effect
Detergent (24 hours)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (10 minutes)	No Effect
SAE 30 Motor Oil (10 minutes)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
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## UV INK STICKER PRODUCT CODE: 3-9280

### PRODUCT DESCRIPTION

1-mil clear polyester overlaminating film. Designed to protect and enhance digital images such as labels, decals and other identification pieces. This product is offered on a film liner for excellent wet out characteristics.

### APPLICATIONS

- Labels and decals
- Product identification pieces

### FEATURES AND BENEFITS

- Excellent wet out characteristics

### TECHNICAL DATA

Face Material	1.0-mil polyester
Color and Finish	Clear
Adhesive	13, permanent acrylic
Liner	1.2-mil Polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	<u>15 min.</u> 2.9 lbs./inch	<u>24 hr.</u> 3.1 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-65°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

Dec-10

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## ECONOMY CLEAR STICKER II

PRODUCT CODE: 3-9402

### PRODUCT DESCRIPTION

2.0-mil clear polyester overlaminating film. Designed to protect and enhance digital images such as labels, decals and other identification pieces. This product is offered on a film liner for excellent wet out characteristics.

### APPLICATIONS

- Labels and decals
- Product identification pieces

### FEATURES AND BENEFITS

- Excellent wet out characteristics

### TECHNICAL DATA

Face Material	2.0-mil polyester
Color and Finish	Clear
Adhesive	22, Overlaminating permanent solvent
Liner	1.2-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz.	60 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-65°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

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## ECONOMY FLOOR TALKER PRODUCT CODE: 3-9829


### PRODUCT DESCRIPTION

Ideal for temporary and short-term durability (6 months). This overlaminate product is an excellent choice for economical floor graphics applications when used with 3-7837 (gloss white) or 3-9109 (matte white). This product is offered on a film liner for excellent wet out and is UL-410 classified for slip resistance.

### APPLICATIONS

- Floor graphics
- Point of purchase displays
- Counter graphics

### FEATURES AND BENEFITS

- Environmentally friendly 
- Clear textured
- UL-410 classified for slip resistance

### TECHNICAL DATA

Face Material	3.75-mil polyolefin
Color and Finish	Clear textured
Adhesive	22, overlaminating permanent solvent
Liner	1.2 mil clear film

### TYPICAL CHARACTERISTICS

Target Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	<u>15 min.</u> 65 oz.	<u>24 hr.</u> 75 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Indoor Durability	6 months* under normal conditions	
Outdoor Durability	Indoor use only	

*\*Edge sealer can be applied to protect the edges of your graphics from potential lifting and curling that occurs from contamination or cleaning. The sealer should be tested to determine suitability with overlaminate.*

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HC1 (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect



\*Does not constitute a guarantee of performance but indicates the expected performance based on ordinary wear and tear.

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

May-14

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## UV BLOCKER PRODUCT CODE: 4-0038

### PRODUCT DESCRIPTION

This 1.0-mil clear overlaminating film product is designed to provide UV protection and add depth to the aesthetics of any label, decal or other identification pieces.

### APPLICATIONS

- Decals
- Labels
- OEM labels
- Outdoor graphics
- Product identification
- Warning labels

### FEATURES AND BENEFITS

- UV blocking protection; up to 3,500 hours protection in Q-U-V spectrophotometer, UV- A bulbs, 8 hours UV at 70 C and 4 hours condensation 40 C cycles.

### TECHNICAL DATA

Face Material	1.0-mil non-topcoated polyvinylidene fluoride.
Color and Finish	Clear
Adhesive	75, permanent solvent
Liner	50# glassine white paper

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz./inch	55 oz./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-65°F to +225°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Life	Up to 5 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

May-14

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## ULTRA GLOSS PRODUCT CODE: 4-0428

### PRODUCT DESCRIPTION

High gloss clear flexible vinyl for long-term outdoor overlaminating applications such as vehicle wraps.

### APPLICATIONS

- Vehicle wrap overlaminating
- General overlaminates
- Point of purchase displays

### FEATURES AND BENEFITS

- 5 year outdoor durability
- 1-mil overlaminating adhesive with added ultraviolet light inhibitor

### TECHNICAL DATA

Face Material	2.4-mil flexible calendered vinyl
Color and Finish	Clear Gloss
Adhesive	07UV, overlaminating permanent solvent
Liner	78# clay-coated smooth bleached kraft

### TYPICAL CHARACTERISTICS

Average Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	50 oz.	75 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor durability	5 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

May-14

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## FRIENDLY CP LUSTER PRODUCT CODE: 4-0440


### PRODUCT DESCRIPTION

Environmentally friendly 3.0-mil luster clear overlaminating film with a permanent adhesive on a paper liner designed to protect and enhance your graphics.

### APPLICATIONS

- Point of purchase displays

### FEATURES AND BENEFITS

- Environmentally friendly 
- 3.0-mil luster clear phthalate free film with a permanent adhesive on a bleached paper liner.

### TECHNICAL DATA

Face Material	3.0-mil polypropylene
Color and Finish	Clear Luster
Adhesive	Permanent acrylic
Liner	40# white

### TYPICAL CHARACTERISTICS

Target Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	<u>15 min.</u> 1.4 lbs./inch	<u>24 hr.</u> 2.0
lbs./inch		
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

Nov-11



## FRIENDLY CP GLOSS PRODUCT CODE: 4-0441


### PRODUCT DESCRIPTION

Environmentally friendly 3.0-mil gloss clear overlaminating film with a permanent adhesive on a paper liner designed to protect and enhance your green earth friendly graphics.

### APPLICATIONS

- Point of purchase displays

### FEATURES AND BENEFITS

- Environmentally friendly 
- 3.0-mil gloss clear phthalate free film with a permanent adhesive on a bleached paper liner.

### TECHNICAL DATA

Face Material	3.0-mil polypropylene
Color and Finish	Clear Gloss
Adhesive	Permanent acrylic
Liner	40#, white

### TYPICAL CHARACTERISTICS

Target Adhesion Values (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	<u>15 min.</u> 1.4 lbs./inch	<u>24 hr.</u> 2.0
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.  
Nov-11



## FRIENDLY CP LUSTER

### PRODUCT CODE: 4-0566


#### PRODUCT DESCRIPTION

Environmentally friendly 3.0-mil luster clear overlaminating film with a permanent adhesive on a clear polyester liner for ultimate clarity. Designed to protect and enhance your interior graphics.

#### APPLICATIONS

- Overlamine for your interior digital media prints

#### FEATURES AND BENEFITS

- Environmentally friendly 
- Dimensionally stable
- 3.0-mil luster clear phthalate free film with a permanent adhesive on a clear polyester liner.

#### TECHNICAL DATA

Face Material	3.0-mil cast polypropylene
Color and Finish	Clear Luster
Adhesive	Permanent acrylic
Liner	1.2-mil polyester

#### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	3.5 lbs./inch	4.0 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	

#### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

Apr-13



## FRIENDLY CP GLOSS PRODUCT CODE: 4-0567


### PRODUCT DESCRIPTION

Environmentally friendly 3.0-mil gloss clear overlaminating film with a permanent adhesive on a clear polyester liner for ultimate clarity. Designed to protect and enhance your interior graphics.

### APPLICATIONS

- Overlamine for your interior digital media prints

### FEATURES AND BENEFITS

- Environmentally friendly 
- Dimensionally stable
- 3.0-mil gloss clear phthalate free film with a permanent adhesive on a clear polyester liner.

### TECHNICAL DATA

Face Material	3.0-mil cast polypropylene
Color and Finish	Clear gloss
Adhesive	Permanent acrylic
Liner	1.2-mil polyester

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	3.5 lbs./inch	4.0 lbs./inch
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

Apr-13

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## ULTRA DRY ERASE PRODUCT CODE: 4-0591

### PRODUCT DESCRIPTION

1.0-mil gloss clear polyester overlamine. The face film has a dry-erase coating for longer-term dry-erase capabilities.

### APPLICATIONS

- Make any printed sign dry-erase
- Gloss overlamine to protect printed images

### FEATURES AND BENEFITS

- Dry-erase overlamine with longer-term capabilities
- Make any printed sign dry-erase
- Compatible with most dry-erase marker types
- Menu boards and business presentations

### TECHNICAL DATA

Face Material	1.0-mil polyester
Color and Finish	Clear gloss
Adhesive	07, Permanent solvent
Liner	78# bleached paper

### TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min.</u>	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	30 oz.	40 oz.
Minimum Application Temperature	50°F	
Service Temperature Range	-40°F to +180°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Durability (ASTM G53)	1 year	

### CHEMICAL RESISTANCE

Distilled Water (24 hr)	No Effect
Detergent (24 hr)	No Effect
10% HCl (10 min)	No Effect
10% Ammonium Hydroxide (10 min)	No Effect
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect
Gasoline (1 hr)	No Effect

The above information is based on research believed to be reliable, but does not constitute a warranty. All material should be tested by the purchaser to determine suitability of the product for their purposes.

May-14

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