





ULTIMATE TEMPORARY MOUNT PRODUCT CODE: 3-2444

PRODUCT DESCRIPTION

Clear mounting film designed for laminating permanently to the back of another printed substrate while utilizing a removable adhesive on the other side of the film for temporary applications.

APPLICATIONS

- Window graphics
- Point of purchase displays
- Promotional products
- Temporary graphics

FEATURES AND BENEFITS

Permanent solvent adhesive on one side and removable on the other for temporary applications.

TECHNICAL DATA

Face Material 0.5-mil polyester

Color and Finish Clear

Adhesive 22, solvent permanent one side

ARS2, solvent removable one side

Liner 76# Diff liner

TYPICAL CHARACTERISTICS

Target Adhesion Values		<u>15 min</u> .	24 hr.
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	22	35 oz.	45 oz.
	ARS2	18 oz.	20 oz.
Shear (1/2" x 1/2" x 500 grams)		24 hrs.+	
Minimum Application Temperature 50°F			
Service Temperature Range -40°F to +180°			
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Shelf Life (@ 73°F, 50% RH) 1 year Outdoor Durability 2 years

NOTE: Due to varying dimensional stability of paper this product is not recommended for use with paper stocks.

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 Form 108-01(1/99)

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CLASSIC MOUNT REMOVABLE ACRYLIC **PRODUCT CODE: 3-5575**

PRODUCT DESCRIPTION

This product features a 2.0 mil clear film that laminates permanently to the back of a back printed plastic substrate that is double coated to provide a permanent acrylic adhesive on one side and a removable acrylic adhesive on the other. Functions as a non-slip adhesive, yet removes easily and cleanly from most smooth clean surfaces.

APPLICATIONS

- Counter mats
- Point of purchase displays
- Protects graphics

FEATURES AND BENEFITS

Removes easily and cleanly from most smooth surfaces

TECHNICAL DATA

Face Material 2.0-mil clear polypropylene

Color and Finish Gloss clear

Adhesive AHTV, Medium tack permanent acrylic one side

50, Medium tack removable acrylic one side

Liner 61# silicone coated 2-sides

TYPICAL CHARACTERISTICS

Average Adhesion Values		<u> 15 min</u> .	<u> 24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	47	20 oz.	36 oz.
,	50	17 oz.	31 oz.
Minimum Application Temperature		50°F	
Service Temperature Range		-40°F to +18	0°F
Shelf Life (@ 73°F, 50% RH)		1 year	
Outdoor Durability	oor Durability For indoor use only		se 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
Anti-Freeze (24 hr)	No Effect
SAE 20 Motor Oil (24 hr)	No Effect
Gasoline (1 hr)	No Effect

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ULTIMATE OPTICAL MOUNT PRODUCT CODE: 3-8669

PRODUCTION DESCRIPTION

Clear mounting film designed for laminating permanently to the back of another printed substrate.

APPLICATIONS

- Counter mat
- Floor graphics
- General purpose point of purchase displays
- Promotional products
- Temporary graphics
- Window graphics

FEATURES AND BENEFITS

Clear polyester with permanent adhesive on each side combined with an ultra-clear 1.5-mil polyester liner on each side for excellent clarity.

TECHNICAL DATA

Face Material 1.0-mil clear polyester

Color and Finish Clear

Adhesive 1.0-mil permanent acrylic each side with an ultra-violet light inhibitor

Liner 1.5-mil ultra-clear polyester each side

TYPICAL CHARACTERISTICS

Target Adhesion Values
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)

(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)

50 oz.

70 oz.

70 oz.

(1/2-inch x 1/2-inch x 500 grams)

Minimum Application Temperature Range 50°F to 120°F

UV Block (spectrophotometer) 100% 200 nm - 360 nm 80% 360 nm - 400 nm

Service Temperature Range -65°F to +225°F

Shelf Life (@ 73°F, 50% RH) 2 years Outdoor Durability 2 years

CHEMICAL RESISTANCE

Distilled Water (24 hr)

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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Email: info@ritrama.com Email: info@ritrama.com Warehouses: Chino, CA-Orlando, FL-Wichita, KS-Seekonk, MA- Cleveland, OH



ULTIMATE MOUNT REMOVABLE **PRODUCT CODE: 3-9188**

PRODUCTION DESCRIPTION

Ultimate clear mounting film designed for laminating permanently to the back of another printed substrate while utilizing a removable adhesive on the other side of the film for temporary applications.

APPLICATIONS

- Backlit panels
- General purpose point of purchase
- Promotinal products
- Temporary window graphics

FEATURES AND BENEFITS

Clear polyester with permanent solvent adhesive on one side/ultra-removable solvent adhesive one side combined with a 1.2-mil polyester liner on each side for excellent clarity.

TECHNICAL DATA

Face Material 1.0-mil polyester

Color and Finish Clear

Adhesive 22, Permanent solvent one side, PA

84, Removable solvent one side, LP

Liner 1.2-mil polyester each side

TYPICAL CHARACTERISTICS

Target Adhesion Values	<u>15 min</u> .	<u>24 hr.</u>
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel) PA	35 oz.	45 oz.
LP	9 oz.	9 oz.
Shear	24 hrs.+	

(1/2" x ½" x 500 gms.)

50°F Minimum Application Temperature

-40°F to +180°F Service Temperature Range

Shelf Life (@ 73°F, 50% RH) 1 year Outdoor Durability 2 years

NOTE: Due to varying dimensional stability of paper this product is not recommended for use with paper stocks.

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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ULTRA MOUNT LOW-TACK PRODUCT CODE: 3-9277

PRODUCT DESCRIPTION

3.2-mil white flexible film with a high-tack permanent acrylic adhesive on one side and a removable acrylic adhesive on the other. This film is designed to add background color and functionality to most back printed sheet graphics. Functions as a non-slip adhesive, yet removes easily and cleanly from most smooth, clean surfaces.

APPLICATIONS

Sheet graphics

FEATURES AND BENEFITS

Removes easily and cleanly from most smooth, clean surfaces.

TECHNICAL DATA

Face Material 3.2-mil flexible vinyl Color and Finish Matte white

Adhesive High-tack permanent acrylic

Ultra-low peel removable acrylic

Liner 50# glassine silicone coated 2-sides

TYPICAL CHARACTERISTICS

Average Adhesion Values 24 hr. 15 min. (PSTC-1, 180° peel @ 12"/min., stainless steel, 73°F) PA 57 oz. 63 oz. URA 8 oz. 8 oz. Minimum Application Temperature 50°F

Service Temperature Range -40°F to +180°F

Shelf Life (@, 73°F, 50% RH) 2 years

NOTE: Due to varying dimensional stability of paper this product is not recommended for use with paper stocks.

CHEMICAL RESISTANCE

Distilled Water (24 hr) No Effect Detergent (24 hr) 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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ULTIMATE CLEAR MOUNT PRODUCT CODE: 3-9324

PRODUCT DESCRIPTION

Clear polyester with permanent solvent adhesive on each side combined with a 1.2-mil polyester liner on each side for excellent clarity. This clear mounting film is designed for laminating permanently to printed substrates.

APPLICATIONS

- Adhering nameplates and backlit panels
- Point of purchase displays
- Promotional products
- Window graphics

FEATURES AND BENEFITS

Permanent solvent adhesive on both sides with high peel and good tack.

TECHNICAL DATA

Face Material 1.0-mil clear polyester

Color and Finish

Adhesive 22, permanent solvent on each side

Liner 1.2-mil polyester each side

TYPICAL CHARACTERISTICS

Target Adhesion Values 15 min. 24 hr. (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel) 40 oz. 45 oz. > 24 hours

Static Shear

(1/2-inch x 1/2-inch x 500 grams)

Minimum Application Temperature Range 50°F to 120°F Service Temperature Range -65°F to +225°F

Shelf Life (@, 73°F, 50% RH) 1 year Outdoor Durability 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 Gasoline (1 hr) No Effect

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CLASSIC MOUNT PRODUCT CODE: 3-9703

PRODUCT DESCRIPTION

Clear mounting film designed for laminating permanently to printed substrates.

APPLICATIONS

- Adhering nameplates and backlit panels
- Point of purchase displays
- Promotional products
- Temporary graphics

FEATURES AND BENEFITS

- Permanent solvent adhesive on both sides with high peel and good tack.
- Excellent wet out adhesive

TECHNICAL DATA

Face Material 2.0-mil polypropylene

Color and Finish Clear

Adhesive 22, Permanent solvent each side 60# bleached kraft differential Liner

TYPICAL CHARACTERISTICS

Target Adhesion Values 15 min. 24 hr. (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel) 30 oz. 40 oz. > 24 hours Static Shear

(1/2-inch x 1/2-inch x 500 grams) Service Temperature Range

-40°F to +180°F Shelf Life (@ 73°F, 50% RH) 1 year Outdoor Durability Up to 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

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CLASSIC WHITE MOUNT PRODUCT CODE: 3-9705

PRODUCT DESCRIPTION

White mounting film designed for laminating permanently to printed substrates.

APPLICATIONS

- Adhering nameplates and backlit panels
- Point of purchase displays
- Promotional products
- Temporary graphics

FEATURES AND BENEFITS

Permanent solvent adhesive on both sides with high peel and good tack.

TECHNICAL DATA

Face Material 2.0-mil polypropylene

Color and Finish

Adhesive 22, Permanent solvent each side

60# differential Liner

TYPICAL CHARACTERISTICS

Target Adhesion Values 15 min. 24 hr. (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel) 30 oz. 35 oz. Static Shear > 24 hours

(1/2-inch x 1/2-inch x 500 grams) Service Temperature Range

Shelf Life (@, 73°F, 50% RH) Outdoor Durability

-40°F to +180°F 1 vear Up to 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

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ULTIMATE WINDOW MOUNT X PRODUCT CODE: 4-0143

PRODUCT DESCRIPTION

Clear mounting film designed for laminating permanently to the front of a printed graphic substrate while utilizing a solvent removable adhesive with 90X Air Flow release liner for easy application on the other side of the clear film for temporary applications to windows.

APPLICATIONS

- Window graphics
- Point of purchase displays
- Promotional products
- Temporary graphics

FEATURES AND BENEFITS

Solvent permanent on one side and solvent removable on the other side for temporary applications.

TECHNICAL DATA

Face Material 1.0-mil polyester

Color and Finish Clear

Adhesives ARS2, solvent removable medium tack

13, permanent solvent one side

90X patterned Licensed Air Flow Release LinerTM on the removable side Liners

1.2-mil clear polyester on the permanent side

TYPICAL CHARACTERISTICS

Target Adhesion Values		<u>15 min</u> .	24 hr.
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	27	20 oz.	30 oz.
	13	40 oz.	50 oz.
Shear (1/2" x ½" x 500 gms.)		24 hrs.+	
nimum Application Temperature 50°F			
Service Temperature Range	Temperature Range -65°F to +225°F		°F
Shelf Life (@ 73°F, 50% RH)	7, 50% RH) 1 year		
NOTE: Due to varying dimensional stability of paper this product is	not recomn	nended for use with to	aber stocks.

CHEMICAL RESISTANCE

Outdoor Durability

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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2 years

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ULTIMATE OPTICAL MOUNT REMOVABLE PRODUCT CODE: 4-0167

PRODUCTION DESCRIPTION

Optically clear mounting film designed for laminating permanently to the back of another printed substrate while utilizing a removable solvenr adhesive on the other side of the film for temporary applications.

APPLICATIONS

- Backlit panels
- General purpose point of purchase
- Promotional products
- Temporary graphics

FEATURES AND BENEFITS

- Optically clear polyester with permanent solvent adhesive on one side and ultra-removable solvent adhesive on the other side.
- Removable side liner reads "remove to expose adhesive" for easy application

TECHNICAL DATA

Target Adhesion Values

Face Material 1.0-mil polyester

Color and Finish Clear

Adhesive 13, permanent solvent one side

ARS2, removable solvent one side

Liner 1.2-mil polyester on permanent side

1.5-mil printed with "remove to expose adhesive" polyester on removable side

15 min.

TYPICAL CHARACTERISTICS

24 hr. (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel) 13 40 oz./inch 50 oz./inch ARS2 20 oz./inch 30 oz./inch Shear $(1/2" \times \frac{1}{2}" \times 500 \text{ gms.})$ 24 hrs.+ Minimum Application Temperature 50°F Service Temperature Range -40°F to +180°F

Shelf Life (@ 73°F, 50% RH) 1 year Outdoor Durability 2 years

NOTE: Due to varying dimensional stability of paper this product is not recommended for use with paper stocks.

CHEMICAL RESISTANCE

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

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ULTRA WHITE MOUNT HIGH-BOND PRODUCT CODE: 4-0173

PRODUCT DESCRIPTION

This high-tack mounting film features a white flexible film that laminates permanently to the back of a clear, back printed plastic substrate and provides a white background. This film is designed to add background color and functionality to most back printed sheet graphics.

APPLICATIONS

- Point of purchase displays
- Promotional products
- Circuit boards

FEATURES AND BENEFITS

Adds functionality to most back printed sheet graphics.

TECHNICAL DATA

Face Material 3.2-mil flexible vinyl

Color and Finish Matte white

Adhesive 1.2-mils of high-tack acrylic adhesive on both sides

Liner 60# differential

TYPICAL CHARACTERISTICS

Average Adhesion Values 15 min. 24 hr. (PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel) 48 oz. 60 oz. 50°F Minimum Application Temperature -40°F to +180°F Service Temperature Range Shelf Life (@, 73°F, 50% RH) 2 years

CHEMICAL RESISTANCE

Distilled Water (24 hm)	No Effort
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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CLASSIC MOUNT ACRYLIC PRODUCT CODE: 4-0257

PRODUCT DESCRIPTION

Clear mounting film designed for laminating permanently to the back of another printed substrate.

APPLICATIONS

- Adhering nameplates and backlit panels
- Point of purchase displays
- Promotional products
- Short-term graphics

FEATURES AND BENEFITS

High-tack permanent adhesive on both sides.

TECHNICAL DATA

Face Material 2.0-mil polypropylene

Color and Finish Clear

Adhesive 99, high-tack permanent acrylic on each side

Liner 60# differential

TYPICAL CHARACTERISTICS

Average Adhesion Values
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)
Minimum Application Temperature Range
Service Temperature Range
Shelf Life (@ 73°F, 50% RH)
Outdoor Durability

15 min. 24 hr.
40 oz. 90 oz.
50°F to 120°F
-65°F to +225°F
1 year
6 months under limited light exposure

CHEMICAL RESISTANCE

Distilled Water (24 hr)

Detergent (24 hr)

No Effect

10% HCl (10 min)

No Effect

10% Ammonium Hydroxide (10 min)

No Effect

Anti-Freeze (24 hr)

SAE 20 Motor Oil (24 hr)

No Effect

Gasoline (1 hr)

No Effect

No Effect

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CLASSIC WHITE MOUNT HIGH-TACK PRODUCT CODE: 4-0312

PRODUCT DESCRIPTION

White mounting film designed for laminating permanently to the back of another printed substrate

APPLICATIONS

- Adhering nameplates and backlit panels
- Point of purchase displays
- Promotional products

FEATURES AND BENEFITS

High-tack permanent adhesive on both sides

TECHNICAL DATA

Face Material 2.3-mil polypropylene

Color and Finish White

Adhesive 99, high-tack permanent acrylic on each side

Liner 60# differential

TYPICAL CHARACTERISTICS

Adhesion Values - Ranges
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)
Minimum Application Temperature Range
Service Temperature Range

15 min.
32 - 48 oz.
50°F to 120°F
-65°F to +225°F

Service Temperature Range -65°F to + Shelf Life (@ 73°F, 50% RH) 1 year

Shelf Life (@ 73°F, 50% RH)

Outdoor Durability (ASTM G53)

1 year
6 months under limited light exposure

CHEMICAL RESISTANCE

Distilled Water (24 hr)

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

No Effect

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May-14 Form 108-01 (1/99)

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USA-Ttaly-Spain-United Kingdom-Switzerland-Ukraine-Poland-Mexico-China-Guatemala-Costa Rica-Colombia







ULTIMATE OPTICAL MOUNT PRODUCT CODE: 4-0376

PRODUCTION DESCRIPTION

Clear polyester with permanent solvent adhesive on each side combined with a 1.5-mil polyester liner on each side for excellent clarity. This clear mounting film is designed for laminating permanently to printed substrates.

APPLICATIONS

- General purpose point of purchase displays
- Promotional products
- Adhering nameplates and backlit graphics
- Permenant window graphics

FEATURES AND BENEFITS

Clear polyester with permanent solvent adhesive on each side combined with an ultra-clear 1.5-mil polyester liner on each side for excellent clarity.

TECHNICAL DATA

Face Material 1.0-mil clear polyester

Color and Finish Clear

Adhesive 07UV, permanent solvent each side with an ultra-violet light inhibitor

Liner 1.5-mil ultra-clear polyester each side

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.	65 oz.
Static Shear	24 hrs.+	

(1/2-inch x 1/2-inch x 500 grams)

50°F to 120°F Minimum Application Temperature Range $100\% \ 200 \ nm - 360 \ nm$ UV Block (spectrophotometer) 80% 360 nm - 400 nm

-65°F to +225°F Service Temperature Range

Shelf Life (@ 73°F, 50% RH) 1 year Outdoor Durability 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 No Effect Anti-Freeze (24 hr) No Effect SAE 20 Motor Oil (24 hr) No Effect Gasoline (1 hr)

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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