



RAFLM-13 , RAFLM-23 and RAFLM-24 (Ultra) Removable Laminating Films

TECHNICAL DATA

- Double-coated, permanent / removable, clear adhesive film
- Exposed side provides a permanent bond with high initial tack
- Lined side is coated with a highly removable acrylic adhesive
- Adhere to felts, foams, cork and other substrates
- Resist moisture, UV, oil and grease

Product Description

Pres-On RAFLM-13, RAFLM-23, and RAFLM-24 (Ultra) Removable Laminating Films are double-coated with either a rubber or acrylic permanent laminating adhesive backed to a removable acrylic adhesive that does not build during span of use. The low initial grab of the removable acrylic adhesive allows for repositioning and depending on the specific application, removes cleanly from most surfaces for up to one year. All three of the removable laminating films resist a variety of environmental factors and do not harden or discolor with age.

Applications

RAFLM-13, RAFLM-23, and RAFLM-24 (Ultra) are ideal for creating resealable bags and removable paper tabs, stickers, foils, and labels. They are also recommended for core starting, mounting time-sensitive promotional advertisements, and providing a temporary hold for protective shipping material, such as foam or cardboard, during the transport of manufactured goods.

STANDARD ROLL SIZE	WIDTH (INCH)	LENGTH (FEET)
Slit to custom widths	54"	180'
RAFLM-13		
Removable Acrylic Adhesive Coating		
TEST	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
Adhesion to steel @ 72° F, 15 minute dwell	0.5	PSTC-101
Adhesion to steel @ 72° F, 24 hour dwell	1.1	PSTC-101
Static shear @ 72° F, 1" x 1" x 1000g	Indefinite	PSTC-107
Permanent Rubber Adhesive Coating		
ADHESION PROPERTIES	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
180° Peel Adhesion		
20 minute dwell	7.7	PSTC-101
24 hour dwell	8.4	PSTC-101
COHESIVE PROPERTIES	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
Shear Adhesion		
4.4 psi @ 72° F	Indefinite	PSTC-107



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RAFLM-23

Removable Acrylic Adhesive Coating

TEST	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
Adhesion to steel @ 72° F, 15 minute dwell	0.6	PSTC-101
Adhesion to steel @ 72° F, 24 hour dwell	1.1	PSTC-101
Static shear @ 72° F, 1" x 1" x 1000g	Indefinite	PSTC-107

Permanent Acrylic Adhesive Coating

ADHESION PROPERTIES	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
180° Peel Adhesion		
15 minute dwell	4.5	PSTC-101
24 hour dwell	6.0	PSTC-101
COHESIVE PROPERTIES	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
Shear Adhesion		
Static shear @ 212°F, .5" x .5" x 1000g	Indefinite	PSTC-107

RAFLM-24 (Ultra)

Removable Acrylic Adhesive Coating

TEST	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
Adhesion to steel @ 72° F, 15 minute dwell	0.2	PSTC-101
Adhesion to steel @ 72° F, 24 hour dwell	0.3	PSTC-101
Static shear @ 72° F, 1" x 1" x 1000g	Indefinite	PSTC-107

Permanent Acrylic Adhesive Coating

ADHESION PROPERTIES	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
180° Peel Adhesion		
15 minute dwell	3.9	PSTC-101
24 hour dwell	6.3	PSTC-101
COHESIVE PROPERTIES	TYPICAL PERFORMANCE (LBS/IN)	TEST METHOD
Shear Adhesion		
Static shear @ 212°F, .5" x .5" x 1000g	Indefinite	PSTC-107

COMPARABLE PRODUCTS

3M 9425 High/Medium Tack
Double Coated Tape

Application Notes

Ensure bonding surfaces are well unified, clean, dry and free of dirt and oils. Apply firm and even pressure to improve adhesive-to-surface contact. Allow proper temperature and time to enhance bond strength as adhesive flows onto the surface.

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