FlexMount® DFM 200 White V-344 100 POLY H-9 V-606 200 POLY SC-6 (1.9-2.1)

FLX022740

Benefits

- Permanent acrylic adhesive offers medium tack, high shear and excellent adhesion to a variety of metal and plastic surfaces, including polypropylene, polyethylene, PORON® and Kushon® cellular rubber products

Features

- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, moderately rough surfaces. polycarbonate and fiberglass
- High-peel permanent acrylic adhesive resists cold flow and ooze
- Performance, aggressive, permanent pressure-sensitive adhesive bonds well to a variety of surfaces
- Ultra-smooth polyester release liner provides ultimate smoothness and flow-out of adhesive on the overlaminating film
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of rough textured surfaces, including low-surface energy plastics and painted metal

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.97	
Film	2.0 +/- 10	51
Adhesive	V-606: 1.9-2.1 +/- 0.1	V606: 48-53 +/- 3
Adhesive 2	V344: 1.0-1.1 +/- 0.1	V344: 25-28 +/- 3
Liner	200 POLY SC-6 Liner: 2.0 +/- 1	200 POLY SC-6 Liner: 51
Liner 2	100 POLY H-9 Liner: 1.0 +/- 1	100 POLY H-9 Liner: 25

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	V-344: 55 V-606: 104	V-344: 605 V-606: 1144
Acrylic	V-344: 77 V-606: 112	V-344: 847 V-606: 1232
Glass	V-344: 68 V-606: 118	V-344: 748 V-606: 1298
Polypropylene	V-344: 15 V-606: 22	V-344: 165 V-606: 242

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	V-344: 30 V-606: 100	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	V-344: 1030 V-606: 1520	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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