

Benefits

- UL Recognized
- Adhesive adheres well to acrylic, polypropylene, stainless steel, polyethylene, and glass and other smooth surface applications

Features

- 4.0 mil transfer adhesive
- 4.0 White flame-retardant adhesive
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- Backed with two 50 lb. semi-bleached white kraft release liners ideal for roll-to-roll converting
- FlexMount® L-59FR products at a 2.0 mil to 4.0 mil adhesive thickness are rated UL 94 V-0 when bonded to 2.0 mil polyimide and 2.0 mil aluminum foil (UL E518655)

Additional Details

For guidance only - the data are based on three or less production runs.

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Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Film		
Adhesive	3.9-4.1 +/- 0.1	99-104 +/- 3
Liner	50K-6: 3.1 +/- 10 %	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
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Test Method:

Additional Properties	Value	Test Method
Expected Shear	100	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack		
Expected Exterior Life	Depends on substrate, adhesive is suitable for outdoor use	
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 when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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