



Benefits

- Supports applications exposed to extreme heat without compromising performance
- Exceptional noise and vibration damping

Features

- 2.0 mil engineering grade, high-performance permanent silicone adhesive
- Excellent adhesion to metals, low-surface-energy plastics, silicone foam, and silicone rubber
- Moderate tack with good quick-stick capabilities
- Withstands extremely high and low temperatures
- Short-term exposure up to 800°F (427°C) - less than 1 hour

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	6.95	
Film	2.0 +/- 10 %	51
Adhesive	1.9-2.1 +/- 0.1	48-53 +/- 3
Liner	3 +/- 10 %	76

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	73 Laminated to 2.0 mil clear	803 Laminated to 2.0 mil clear
Acrylic	75 Laminated to 2.0 mil clear	825 Laminated to 2.0 mil clear
Glass	80 Laminated to 2.0 mil clear	880 Laminated to 2.0 mil clear
Polypropylene	67 Laminated to 2.0 mil clear	737 Laminated to 2.0 mil clear
Stainless Steel	54 Laminated to 2.0 mil clear	594 Laminated to 2.0 mil clear

Test Method: ASTM D 3330 (Modified for dwell time) - 180 degree angle 12"/minute

Additional Properties	Value	Test Method
Expected Shear (hours)	80 Laminated to 2.0 mil clear polyester, 20 Laminated to 2.0 mil aluminum foil	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	1180 Laminated to 2.0 mil clear polyester, 1000 Laminated to 2.0 m aluminum foil	ASTM D 2979
Expected Exterior Life	Depends on substrates, adhesive is suitable for outdoor use	
Additional Information		
Service Temperature	-300°F to 500°F (-185°C to 260°C), Short term exposure temperature 800°F (427°C) for <1 hr	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	One year stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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