

Material Specification Sheet

Material Number: 18575

Description: High Strength Acrylic Transfer Tape – 5 mil

Applications: 18575 is a “high strength” acrylic adhesive with excellent flowability. It is ideally suited for bonding foam, fabrics, or other textured surfaces.

Product Construction:

Property	Thickness	
Adhesive	0.0050” (127 µm)	Acrylic Based
Liner	0.0082” (208 µm)	96# Polycoated Kraft, white

Typical Physical Properties:

Property	Material	Test Method	Value
Adhesion*	Stainless Steel	20 min @ RT	48 oz/in (520 N/m)
	Stainless Steel	72 hrs @ RT	113 oz/in (1240 N/m)
	Stainless Steel	72 hrs @ 70°C	127 oz/in (1390 N/m)
	Aluminum	72 hrs @ RT	83 oz/in (910 N/m)
	Aluminum	72 hrs @ 70°C	100 oz/in (1090 N/m)
	Polycarbonate	72 hrs @ RT	72 oz/in (790 N/m)
	Polycarbonate	20 min @ 70°C	33 oz/in (360 N/m)
	Polypropylene	72 hrs @ RT	46 oz/in (500 N/m)
	Polypropylene	72 hrs @ 70°C	39 oz/in (430 N/m)
Service Temperature	Intermittent	N/A	-40°F to 250°F (-40°C to 121°C) 150°F (66°C)
	Max Continuous	N/A	
Min. Application Temp.		N/A	50°F (10°C)

*All adhesion properties used a modified version of ASTM D 3330 as follows:

90 degree peel, 12 in./min. (305 mm/min.)

2 mil (0.051 mm) aluminum foil

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