

Material Specification Sheet

Material Number: 18395

Description: High Strength Acrylic Transfer Tape – 3 mil

Applications: 18395 is a high strength acrylic adhesive, suitable for bonding to most surfaces, including low energy plastics. It has good shear holding power at evaluated temperatures. This product is suitable for fabricated foam parts bonded to contour surfaces, plastic nameplates and/or graphic overlays bonded to low surface energy (LSE) plastics.

Product Construction:

Property	Thickness	
Adhesive	0.0030" (76 µm)	Acrylic Based
Carrier	0.0062" (157 µm) or	83# White Polycoated Kraft or
	0.0072" (183 µm)	96# White Polycoated Kraft

Typical Physical Properties:

Property	Material	Test Method	Value
Adhesion*	Stainless Steel	20 Minute Room Temperature Dwell	43 oz/in (470 N/m)
	Stainless Steel	72 Hour Dwell	68 oz/in (744 N/m)
	Stainless Steel	Ultimate Bond	85 oz/in (930 N/m)
	Polycarbonate	72 Hour Dwell	57 oz/in (624 N/m)
	Polycarbonate	Ultimate Bond	32 oz/in (350 N/m)
	Polypropylene	72 Hour Dwell	25 oz/in (274 N/m)
	Polypropylene	Ultimate Bond	43 oz/in (470 N/m)
Service Temperature	Intermittent	N/A	-40°F to 250°F (-40°C to 121°C)
Min. Application Temp.		N/A	50°F (10°C)

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

1. 90 degree peel, 12 in / min. (305 mm/min.)

2 mil (0.051 mm) aluminum foil

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