

Material Specification Sheet

Material Number: 18004

Description: Double Coated Low VOC Acrylic Tape - Polyester Film Carrier

Applications: 18004 is an acrylic adhesive with a polyester carrier. It provides excellent adhesion to foams. It is water, UV, and chemical resistant. It is an ultra-low VOC (<500PPM) acrylic adhesive that exhibits a great balance of peel, tack, and shear characteristics.

Product Construction:

Property	Thickness	
Adhesive	0.002" (51 µm)	Acrylic Based
Carrier	0.0005" (13 µm)	Polyester Film
Adhesive	0.00125" (32 µm)	Acrylic Based
Liner	0.0048" (122 µm)	74# Polycoated Kraft Paper

Typical Physical Properties:

Property	Material	Test Method	Value
Adhesion	Liner side	PSTC 101- Steel	80 oz/in (870 N/m)
	Exposed Side	*PSTC 101- Steel	100 oz/in (1,090 N/m)
Service Temperature	Intermittent	N/A	-30°F to 250°F (-34°C to 121°C)
Min. Application Temp.		N/A	50°F (10°C)

**Modified PSTC 101:*

- 180° peel: 12"/min
- 30-minute dwell
- 1 mil PET for a support backing.

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