

## Material Specification Sheet

**Material Number:** 18300

**Description:** Double Coated Heat Resistant Acrylic Tape - Tissue Carrier

**Applications:** 18300 is designed for those foam bonding applications requiring excellent resistance to high temperature exposure. The adhesive offers good tack and adhesion with excellent shear performance. The tissue carrier offers excellent conformability to curved or irregular surfaces.

### Product Construction:

Property	Thickness	
Adhesive	0.0033" (84 µm)	Acrylic Based
Carrier	0.0022" (56 µm)	Conformable Tissue
Adhesive	0.0024" (61 µm)	Acrylic Based
Liner	0.0046" (117 µm)	80# Densified Kraft

### Typical Physical Properties:

Property	Material	Test Method	Value
Adhesion- 180° Peel *	Unwind Side- Stainless Steel	PSTC-3	77 oz/in (840 N/m)
	Liner Side- Stainless Steel	PSTC-3	64 oz/in (700 N/m)
Static Shear	Unwind Side- 1in <sup>2</sup> , 10# load	PSTC-7	>1000 minutes
	Line Side- 1in <sup>2</sup> , 10# load	PSTC-7	>2500 minutes
Service Temperature (max)	Continuous	N/A	350°F(177°C)
	Intermittent	N/A	450°F(232°C)
Min. Application Temp.		N/A	50°F (10°C)

*\*2 mil PET support, 1 minute dwell, 12 in/min*

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