

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 3130** is a silicone adhesive transfer tape protected with a low density polyethylene laminated liner on one side and a clear polyester on the other.

### FEATURES

- Silicone adhesive
- Polyester liner

### BENEFITS

- By its chemical nature outperforming on resistance towards temperature extremes, moisture, chemicals, sunlight, biological attack
- Good adhesion towards difficult to bond to surfaces
- Release system allowing easy liner removal
- Good die-cutability



### CONSTRUCTION

**Liner MS:** Low density polyethylene laminated liner

**Adhesive:** Silicone adhesive

**Liner LS:** Polyester

**Adhesive Properties**

**Typical Values**

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner MS		5.9	0.150	150
Liner LS		1.42	0.036	36
Carrier & Adhesive		1.97	0.05	50
Total Caliper		9.29	0.236	236
<b>PEEL ADHESION (ASTM D3330)</b>				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell			
	24 hr dwell	4.0	64	700
<b>DYNAMIC SHEAR (ASTM D-1002)</b>				
1"sq (6.25 cm <sup>2</sup> ) 2mm/min @ Room Temp				
SUBSTRATE		Lbf/in <sup>2</sup>		kPa
Stainless Steel	Initial	112.5	775	
TEMPERATURES		°F		°C
Service (continuous)		-112 °F to +482 °F		-80 °C to +250 °C
Short term (30 minutes)		+572 °F		+300 °C
Temperature shock		+1472 °F		+800 °C

Note: The listed values are typical only and not intended to serve as product specifications

**APPLICATION TECHNIQUES**

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

**STORAGE / SHELF LIFE**

Two years when stored at 64-72 °F (18-22 °C) / 30-70 % relative humidity, out of direct sunlight and in original packaging.

For more information on our bonding tapes and adhesive solutions, call us:

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