

TECHNICAL DATA SHEET

Avery Dennison™ FT 3129 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 with over-laminate

BENEFITS

- Exceptional 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
- Enhanced tear resistance



CONSTRUCTION

Liner MS: Low density polyethylene/polyester laminated liner

Adhesive: Silicone adhesive

Liner LS: Clear polyester

Adhesive Properties**Typical Values**

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner MS		5.9	0.150	150
Liner LS		1.42	0.036	36
Carrier & Adhesive		3.15	0.08	80
Total Caliper		10.46	0.266	266
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel				
20 min dwell				
24 hr dwell		4.57	73	800
DYNAMIC SHEAR (ASTM D-1002)				
1"sq (6.25 cm ²) 2mm/min @ Room Temp				
SUBSTRATE		Lbf/in²		kPa
Stainless Steel		110		700
20min dwell				
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-112 °F	-80 °C
Maximum Service Temperature			572 °F	+300 °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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