



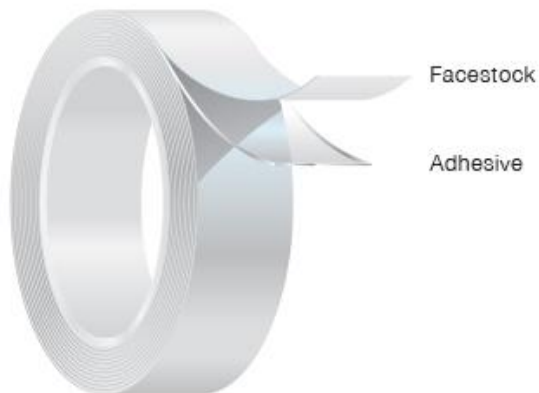
FT 2173

FEATURES:

- Uniform adhesive thickness
- Cross-linked highly engineered modified acrylic adhesive
- Clear tape
- Easy polyester release liner

BENEFITS:

- Consistent application performance
- Good conformability to flat or curved surfaces
- Good resistance to solvents, chemicals, plasticizers, moisture, temperature and UV-light combined with high adhesion
- High degree of transparency
- Facilitates easy removal at point of application
- Excellent liner for die-cutting



CONSTRUCTION:

Carrier

Clear Polyester

Adhesive:

Modified Acrylic

FT 2173

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Adhesive:		0.9	0.02	22
Carrier and adhesive:		1.4	0.04	36
Total Caliper:		2.3	0.06	58

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10			
Product 180° 12" min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	20 min dwell	4.1	66	725
		24 hr dwell	4.3	68	749
Polycarbonate	Liner	20 min dwell	4.0	64	700
		24 hr dwell	4.1	66	720
Painted Steel	Liner	20 min dwell	3.5	57	620
		24 hr dwell	3.8	60	660
Polypropylene	Liner	20 min dwell	2.6	42	461
		24 hr dwell	2.7	43	469

LOOP TACK		Test Method(s): PSTC-16, STD-7			
Product 180° 20" / min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS		Initial	4.6	73	800

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Product 1" sq (6.5 cm2) 2500 g				
Substrate		Min to Fail		
SS		Initial	> 3,000	

TEMPERATURES		° F	° C
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		212 ° F	100 ° C
Max Intermittent Operating Temp		248 ° F	120 ° C

THE LISTED VALUES ARE TYPICAL 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.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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