



FT 0418

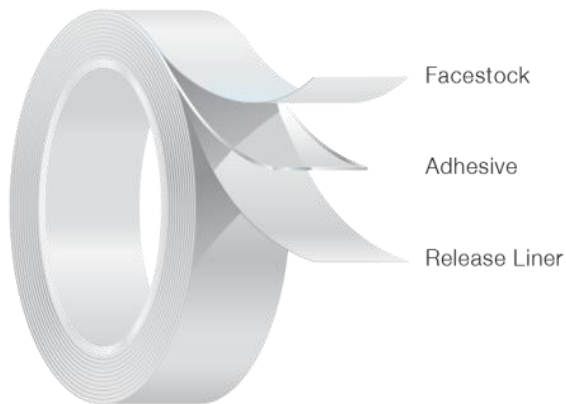
FT 0418 is a single coated clear PET film especially designed for overlaminating, protection and/or mounting or positioning purposes for applications such as for emblems, badges, etc.

FEATURES:

- Specially designed mounting adhesive
- Easy release liner
- Strong polyester film carrier
- Excellent resistance to ultra violet light

BENEFITS:

- Ability to be cleanly removed from plastics, wood, painted steel and glass surfaces
- Facilitates easy removal at point of application
- Easy die-cuttable and strippable
- Act as a transparent protective film, allowing perfect visual inspection during mounting
- Offers dimensional stability to the bonded substrate
- Excellent stiffness for positioning



CONSTRUCTION:

Carrier:

Polyester

Adhesive

Removable Acrylic

Liner:

White Clay-coated Paper

FT 0418

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		3.4	0.09	86
Carrier & Adhesive:		5.5	0.14	140
Total Caliper:		8.9	0.23	226

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	20 min dwell	0.5	7	81
	24 hr dwell	0.7	11	121
Polypropylene	20 min dwell	0.5	7	81
	24 hr dwell	0.7	11	121

TENSILE		Test Method(s): PSTC-131, ASTM D-882, STD-3A,B,C		
Product 180°				
Substrate		Lbf / In	US Oz / In	N / Meter
Product	Initial	20.3	325	3555

ELONGATION		Test Method(s): PSTC-131, ASTM D-882, STD-3A,B,C		
Product 180°				
Substrate		%		
Product	Initial	80.0		

LOOP TACK		Test Method(s): PSTC-16, STD-7		
Product 180° 20" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Initial	2.1	33	361

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Product 1" sq (6.5 cm ²) 2500 g				
Substrate		Min to Fail		
SS	Initial	> 40		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	158 ° F	70 ° C
Max Intermittent Operating Temp	176 ° F	80 ° 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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