



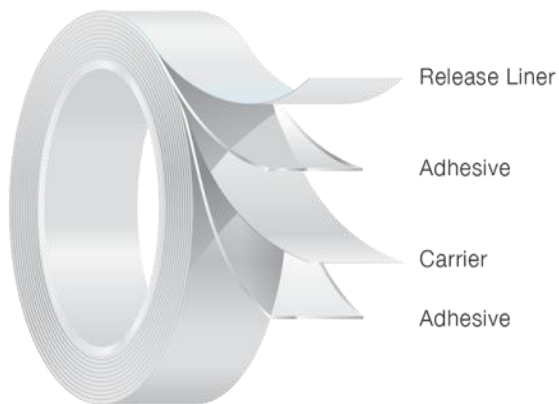
FT 239

FEATURES:

- Extremely high tack adhesive
- Thick adhesive mass
- Low density open tissue
- Easy release liner

BENEFITS:

- Provides excellent initial adhesion to a wide variety of substrates
- Good bonding to uneven surfaces
- Provides exceptional conformability while capable of anchoring to low density foams
- Facilitates easy removal at point of application



CONSTRUCTION:

Liner:

Blue-green Glassine

Adhesive

Rubber

Carrier:

Tissue

Adhesive 2 Uwind:

Rubber

FT 239

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US MILS	MM's	Microns (µm)
Liner:		3.4	0.09	85
Carrier & Adhesive:				
Total Caliper:		3.4	0.09	85

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	5.0	80	870
		24 hr dwell	5.1	82	900
Polycarbonate	Liner	20 min dwell	4.4	70	770
		24 hr dwell	4.5	72	790
Painted Steel	Liner	20 min dwell	5.1	82	900
		24 hr dwell	5.2	83	911
Polypropylene	Liner	20 min dwell	3.7	58	639
		24 hr dwell	3.8	61	671

TENSILE		Test Method(s): PSTC-131, ASTM D-882, STD-3A,B,C			
Product 180°					
Substrate			Lbf / In	US Oz / In	N / Meter
Product			6.3	100	1100

ELONGATION		Test Method(s): PSTC-131, ASTM D-882, STD-3A,B,C		
Product 180°				
Substrate			%	
Product			2.0	

LOOP TACK		Test Method(s): PSTC-16, STD-7			
Product 180° 20" min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS		Initial	9.1	146	1600

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Product 1" sq (6.5 cm2) 1000 g				
Substrate			Min to Fail	
SS		Initial	> 1,800	

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	131 ° F	55 ° 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.

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