



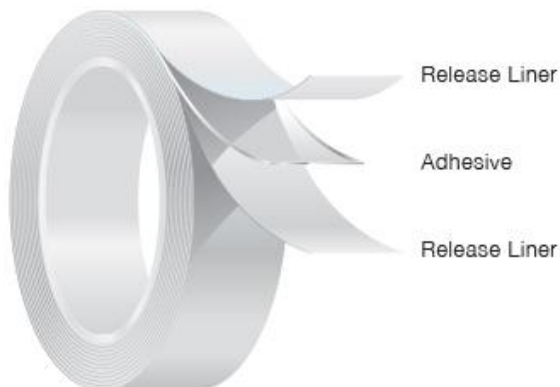
## FT 3102

### FEATURES:

- Silicone adhesive
- Polyester liners

### BENEFITS:

- Provides a very high temperature resistance together with high chemical, moisture and UV-light resistance
- Good adhesion on difficult to bond to surfaces
- Release system allows easy liner removal
- Good die-cuttability



### CONSTRUCTION:

#### Liner 1:

White Polyester

#### Adhesive:

Silicone

#### Liner 2 Easy:

Clear Polyester

**FT 3102**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner 1:		2.0	0.05	50
Adhesive:		2.0	0.05	51
Liner 2 Easy:		1.4	0.04	36
Total Caliper:		5.4	0.14	137

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET 180° 12" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	24 hr dwell	4.0	64	700

DYNAMIC SHEAR		Test Method(s): ASTM D-1002, STD-27		
2 mil PET 180°				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Initial	134.9	2158	23619

RELEASE				
2 mil PET 1" sq (6.5 cm2) 1000 g				
Substrate		Gf / 2 in w		
SS	Initial	300.0		

SAFT		Test Method(s): ASTM D 3654, STD-243		
Aluminum Foil 1" sq (6.5 cm2) 1000 g				
Substrate		Min to Fail	Fail Temp °F	Fail Temp °C
SS	Initial	242	248	120

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	482 ° F	250 ° C
Max Intermittent Operating Temp	572 ° F	300 ° 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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