



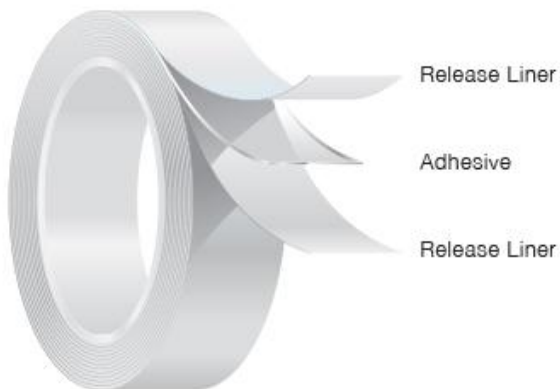
FT 3120

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 3120

| Adhesive Properties: | | Typical Values | | |
|----------------------|--------------------------|----------------|------|--------------|
| Thickness | Test Method(s): PSTC-133 | US Mils | MM's | Microns (µm) |
| Liner 1: | | 2.0 | 0.05 | 50 |
| Adhesive: | | 3.1 | 0.08 | 79 |
| Liner 2 Easy: | | 1.4 | 0.04 | 36 |
| Total Caliper: | | 6.5 | 0.16 | 165 |

| 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 | 4.6 | 73 | 800 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| DYNAMIC SHEAR | | Test Method(s): ASTM D-1002, STD-27 | | |
|----------------|---------|-------------------------------------|------------|-----------|
| 2 mil PET 180° | | | | |
| Substrate | | Lbf / In | US Oz / In | N / Meter |
| SS | Initial | 123.7 | 1979 | 21656 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| RELEASE | | | | |
|----------------------------------|---------|-------------|--|--|
| 2 mil PET 1" sq (6.5 cm2) 1000 g | | | | |
| Substrate | | Gf / 2 in w | | |
| SS | Initial | 400.0 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| 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 | 216 | 231 | 110 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| 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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Performance Tapes

Asia Pacific
Kunshan, China,
NO. 618 Nanhe Road
Kunshan Economic &
Technological Zone
China, 215335
Phone: +86 512 57155001
Fax: +86 512 57155059

Europe
Tieblokkenlaan 1
B-2300 Turnhout
Belgium
Phone: +32 (0)14 40 48 11
Fax: +32 (0)14 40 48 55

North America
250 Chester Street
Painesville, Ohio
44077 USA
Phone: +1 866-462-8379
Fax: +1 888-358-4469