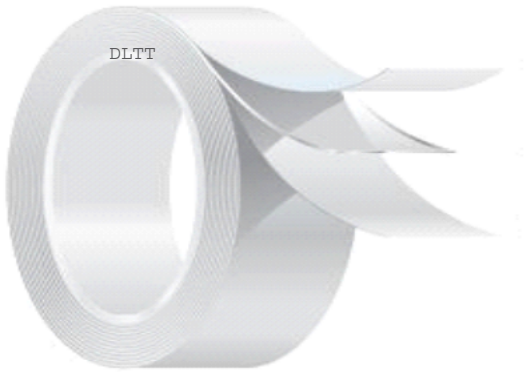
FT 3121

FEATURES

- Ultra cross-linked acrylic adhesive
- High tack adhesive
- Blue low density polyethylene Liner
- Easy release paper liner

BENEFITS

- Provides a very high temperature resistance together with high chemical, moisture and UV-light resistance
- Allows easy slitting and conversion
- Combines a high degree of moisture stability with excellent die-cutting properties
- Provides smooth removal during application



CONSTRUCTION:

Liner 1 (Easy):
60# White Kraft
Adhesive:
Acrylic
Liner 2 (Tight):
Blue LDPE

FT 3121

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	**US Mils**	**MM's**	**Micron's (µm)**
Liner 1 Easy		3.6	0.09	91
Adhesive		2.4	0.06	61
Liner 2 Tight		1.5	0.04	38
Total Caliper without Liner:		2.4	0.06	61
Total Caliper:		7.5	0.19	191

Peel Adhesion ASTM D3330

180° 12 in (305 mm) / min

Substrate		Lbf / In	N / Meter
SS	20 min dwell	5.3	933
	24 hr dwell	6.2	1,092
Painted Steel	20 min dwell	5.7	1,004
	24 hr dwell	6.6	1,162
Polycarbonate	20 min dwell	5.0	881
	24 hr dwell	5.7	1,004
PP	20 min dwell	3.0	528
	24 hr dwell	3.4	599

Loop Tack ASTM D6195

180° 20 in (508 mm) / min

Substrate		Lbf / In	N / Meter
SS	Initial	3.7	652

Static Shear ASTM D3654

180° 1" sq (6.5 cm2) 2500 g @ Room Temp

Substrate		Mins to Fail	
SS	Initial	> 10,000	

TEMPERATURES	º F	º C
Minimum Application Temperature	50° F	30° C
Maximum Continuous Operating Temperature	392° F	200° C
Maximum Intermittent Operating Temperature	482° F	250° 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 64-72ºF (18-22ºC) / 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.

© 2020 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. All other Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.

AVERY DENNISON 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