

TECHNICAL DATA SHEET

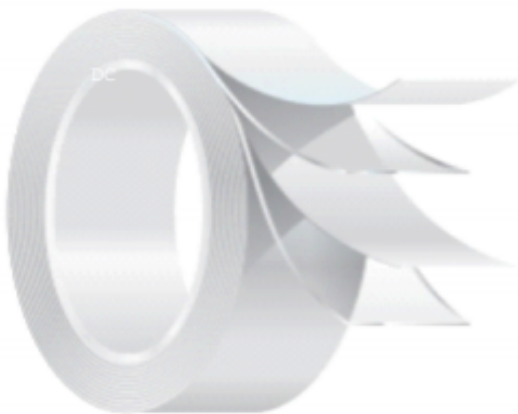
Avery Dennison™ FT Y3241 is a double coated PP film tape with a hot melt rubber adhesive. This product has a high initial tack and adhesion to a variety of low surface energy substrates like Painted Steel. Typical applications are splice tapes and the temporary fixation of evaporator plates in domestic appliances.

FEATURES

- High tack adhesive
- High coat-weight adhesive
- Strong yet conformable plastic carrier
- Easy release liner

BENEFITS

- Provides excellent initial tack and adhesion to a wide variety of substrates
- Suitable for the bonding to apolar plastics
- Provides excellent dimensional stability
- Reinforcement of flexible substrates
- Improves die-cutting efficiency
- Facilitates easy one step removal at point of application



CONSTRUCTION

Liner: Blue-green glassine

Adhesive 1: Hot melt rubber

Carrier: Transparent polypropylene film 15µm

Adhesive 2: Hot melt rubber



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.15	0.080	80
Carrier & Adhesive		5.31	0.135	135
Total Caliper		8.46	0.215	215
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	72 hr dwell	9.54	153	1670
ABS	72 hr dwell	9.36	150	1640
PP	72 hr dwell	9.25	148	1620
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	12.6	201	2200
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Foil; 1" sq (6.5 cm²); 1000 g	Initial	400		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			158 °F	70 °C

Note: The listed values are typical only 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.

For more information on our bonding tapes and adhesive solutions, call us:

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www.tapes.averydennison.com