



FT 2018

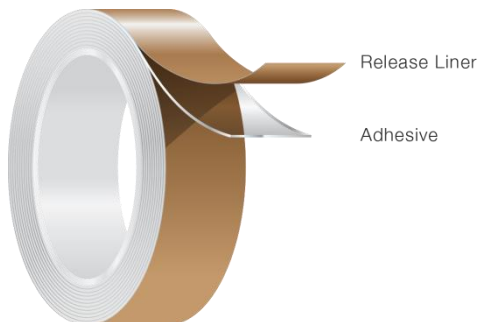
Avery Dennison FT 2018 is an emulsion based modified acrylic transfer tape used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. High adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, PVC, polystyrene and painted metals. Ideal for general purpose foam bonding applications such as gaskets, sound deadening and insulation materials in automotive, building and construction, appliance assembly and general industrial sub-assembly..

FEATURES:

- Emulsion engineered adhesive
- APEO free adhesive
- Controlled adhesive thickness
- High initial tack
- Easy release glassine liner
- Broad range of service temperatures

BENEFITS:

- Consistent application performance
- Excellent resistance to solvents, chemicals, plasticizers, moisture, temperature and UV light
- Good conformability to flat or curved surfaces
- Immediate initial adhesion for part placement
- Allows for water jet and die cutting
- Environmentally responsible adhesive



CONSTRUCTION:

Liner:

Havana (yellow/brown) colored glassine

Adhesive:

Emulsion based modified acrylic

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Physical Properties	Typical Values	
THICKNESS		
Adhesive	80 microns – 3.15 US mills	
Liner	69 microns - 2.72 US mills	
Total	149 microns – 5.87 US mills	
* ATM 7		
TACK (finat)	1100 N/m – 6.28 lbf/inch	
* ATM 8 – FINAT 9		
ADHESION 180° peel	20 mins	24 hrs
Stainless Steel	1340 N/m – 7.65 lbf/inch	1400 N/m – 7.99 lbf/inch
Painted Steel	1190 N/m – 6.80 lbf/inch	1190 N/m – 6.80 lbf/inch
Polycarbonate	1190 N/m – 6.80 lbf/inch	1190 N/m – 6.80 lbf/inch
Rigid Polypropylene	1050 N/m – 6.00 lbf/inch	1050 N/m – 6.00 lbf/inch
* ATM 1 – PSTC 1		
SHEAR RESISTANCE		
Static – 1000g/25mm x 25mm	2,500 mins	
* ATM 2 – FINAT 8 – PSTC 7		
* TEST METHODS		
TEMPERATURES		
Application (minimum)	+10°C/ 50°F	
Service (continuous)	-40°C up to +140°C/ -40°F up to 284°F	
Short term	+150°C/ 302°F	
* ASTM D3654		
* TEST METHODS		

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, 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.

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For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com