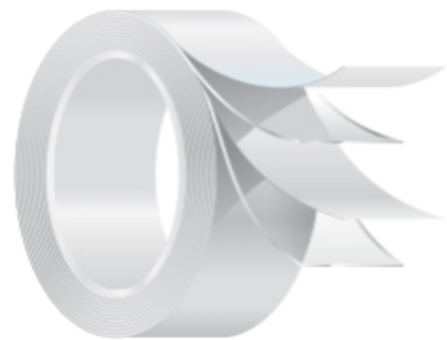


TECHNICAL DATA SHEET

Avery Dennison™ FT B2687 is part of a range of assembling systems consisting of a thin carrier (paper, non woven, film or others), coated on both sides with a uniform layer of adhesive. The adhesives used are pressure-sensitive acrylic polymer or synthetic rubber based formulations and these constructions are produced in roll or sheet format with a single or double release liner, so that the product chosen best suits the customer's needs.

CONSTRUCTION & TYPICAL APPLICATIONS

- Consists of non woven carrier coated on both sides with a modified acrylic adhesive.
- Produced in self-wound format on a white PE coated paper liner.
- Very good resistance to temperature, appropriate for open pore material, impregnated foam, cellular PE, cellular rubber and felt fabric lamination.



Adhesion with Substrates			
Metal / Aluminum	High	Acrylic / PET	High
Glass / Ceramics	High	Polystyrene	High
Painted Surface	High	PP / PE / PS	Medium
Wood / Board / Paper	High	Textile / Cotton	High
Soft PVC	Medium	Rubber / EPDM	Medium
Rigid PVC	High	Smooth Substrate	High
PC / ABS	High	Rough Substrate	High

RESISTANCE

- Resistance to water, detergents and alcohol, and medium resistance to plasticizers, medium outdoor resistance. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

SHELF LIFE

- 2 years when stored at 15/25 °C and ± 50 % relative humidity.



Performance
Tapes

ADHESIVE DATA	Typical Values*	Test Method
Quick Tack (N/25 mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	21	FTM 9
Peel 180° (N/25 mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)		
- After 20 min	20	FTM 1
- After 24 hr	20	FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	> 2000	FTM 8
CARRIER DATA	Typical Values*	Test Method
Thickness (gr/sqm)	14	ISO 534
TEMPERATURE RESISTANCE	Typical Values*	Test Method
Minimum Application Temperature	+ 5 °C	
End-use Temperature Range	- 10 °C to + 80 °C	
Short Term Resistance	+ 190 °C	S.A.F.T. 500 grs.
RELEASE LINER	Typical Values*	Test Method
Clear PE MAT film		
White Silicone PE Coated Paper	120 gr/sqm	ISO 536
THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	100 µ	ISO 534

*Values given are typical and are not necessarily for use in 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

IMPORTANT NOTICE

Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison Conditions of Sales, a copy of which is available upon request.

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

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com