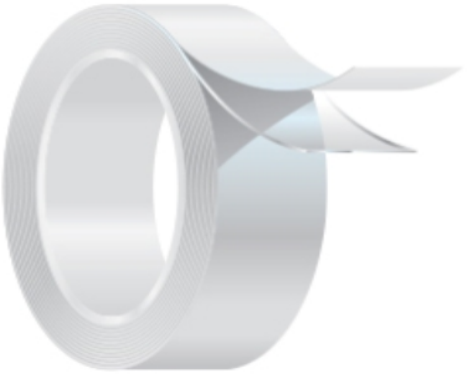
TECHNICAL DATA SHEET

Avery Dennison™ FT F1022 is a transfer or unsupported pressure sensitive adhesive system for assembling purposes. The adhesives used are acrylic polymer or synthetic rubber based formulations. FT F1022 is protected by one or two silicone coated release liners.

CONSTRUCTION & TYPICAL APPLICATIONS

- Free film of rubber based adhesive. It offers very high tack, peel and shear properties.
- Produced in self-wound format on a calendered paper liner.
- For applications where High Shear, High Tack & High adhesion are required: e.g. heavy POS displays, rigid PE foam coating, etc.
- White Goods Industry: Gasket and seal mounting.



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

RESISTANCE

- Resistant to water, detergents and alcohol. Low resistance to plasticizers and low 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.

Classification: Avery Dennison - Public

ADHESIVE DATA	Typical Values*	Test Method
Quick Tack (N/25 mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	24	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	22	FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	1000	FTM 8
CARRIER DATA	**Typical Values***	**Test Method**
Thickness (µ)	NA	
Tensile (N/15 mm)	NA	
Elongation (%) (max)	NA	
TEMPERATURE RESISTANCE	**Typical Values***	**Test Method**
Minimum Application Temperature	+ 15 °C	
End-use Temperature Range	- 40 °C to + 70 °C	
Short Term Resistance	+ 85 °C	S.A.F.T. 500 grs.
RELEASE LINER	**Typical Values***	**Test Method**
Clear PE MAT film		
White Silicone Paper	90 gr/sqm	ISO 536
THICKNESS	**Typical Values***	**Test Method**
Carrier + Adhesive	43 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:

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