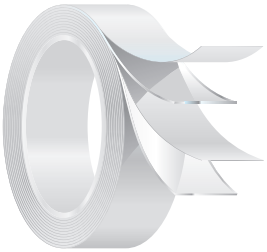
FT B1152

FT B1152 is an assembling system 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. FT B1152 is 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 APPLICATION:

- Consists of a thin polyester film coated on both sides with a rubber based adhesive. It offers very high tack, peel and shear properties.
- Produced in self-wound format on a calendared paper liner.
- For application where High Tack and High Shear are required: e.g. plastic hooks. White Goods Industry: Sound dampening, gasket and seal mounting, mounting of nameplates, emblems and backprinted graphics.



— Siliconised white paper
— Side 2: rubber based adhesive
— PET film 12µ
— Side 1: rubber based adhesive

Adhesion with Substrates			
Metal / Aluminium	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.

FT B1152

ADHESIVE DATA	Typical Values*	Test Method
Quick Tack (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	24	FTM 9
Peel 180° (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) - after 20 minutes - after 24 hours	 25 26	 FTM 1 FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	> 5000	FTM 8

CARRIER DATA	Typical Values*	Test Method
Thickness (µ)	12	ISO 534
Tensile (N/15mm)	MD 25 CD 27	DIN 53455
Elongation (%) (max.)	MD 180 CD 180	DIN 53455

TEMPERATURE RESISTANCE	Typical Values*	Test Method
Minimum Application Temperature	+ 10°C	
End-use Temperature Range	- 40°C to + 70°C	
Short Term Resistance	+ 90°C	S.A.F.T. 500grs

RELEASE LINER	Typical Values*	Test Method
White Silicone Paper	90 gr/sqm	ISO 536

THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	100µ	ISO 534

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

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.

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