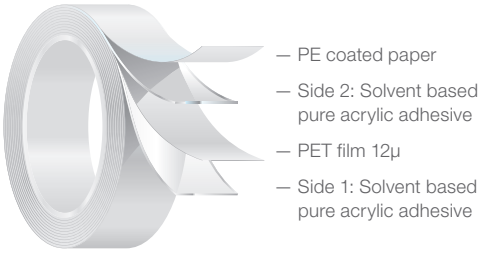
FT B2133

FT B2133 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 B2133 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 carrier coated on both sides with a solvent based pure acrylic adhesive tack is average but higher on the end-user side, high shear resistance.
- Produced in self-wound format on a kraft paper liner coated with PE on both sides.
- Thanks to its very good shear and high resistance to solvents, FT B2133 is mainly used for joins on rotary press cliché for book printing.



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

RESISTANCE:

- Resistant to water, detergents, alcohol, aliphatic and some aromatic solvents. Not recommended for use in contact with ketones, esters, aromatic and chlorinated hydrocarbons.

SHELF LIFE:

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

FT B2133

ADHESIVE DATA	Typical Values*	Test Method
Quick Tack (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	10	FTM 9
Peel 180° (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) - after 20 minutes - after 24 hours	 10 12	 FTM 1 FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	500	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	+ 3°C	
End-use Temperature Range	- 40°C to + 110°C	
Short Term Resistance	+ 130°C	S.A.F.T. 500grs

RELEASE LINER	Typical Values*	Test Method
White Silicone Paper	120 gr/sqm	ISO 536

THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	90µ	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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