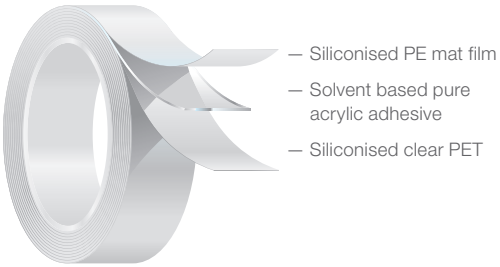
FT F2001 PET

FT F2001 PET is a transfer or unsupported pressure sensitive adhesive system for assembling purposes. The adhesives used are acrylic polymer or synthetic rubber based formulations. FT F2001 PET is protected by one or two silicone coated release liners.

CONSTRUCTION & TYPICAL APPLICATION:

- Free film of solvent based pure acrylic adhesive protected on one side with a 30µ clear PET liner and on the other side with a 100 µ clear polyethylene film.
- Has medium tack and peel properties, and high shear resistance.
- For applications where high clarity is required: e.g. acrylic signs, taxi & car number plates, passports, etc.



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	Medium	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 hydrocarbons. Medium resistance to plasticizers and high outdoor resistance. Not recommended for use in contact with ketones, esters or chlorinated hydrocarbons.

SHELF LIFE:

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

ADDITIONAL INFORMATION:

- Skin contact approval: The adhesive of FT F2001 PET has been lab tested and its Primary Irritation Index (P.I.I.) was calculated to be 0,1, « negligible irritating » in accordance with the criteria of ECETOC.

FT F2001 PET

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	 12 16	 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
Carrier Free		

TEMPERATURE RESISTANCE	Typical Values*	Test Method
Minimum Application Temperature	+ 9°C	
End-use Temperature Range	- 30°C to + 100°C	
Short Term Resistance	+ 190°C	S.A.F.T. 500grs

RELEASE LINER	Typical Values*	Test Method
Clear PE Film	100µ	ISO 534
Clear Silicone PET	30µ	ISO 534

THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	43µ	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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