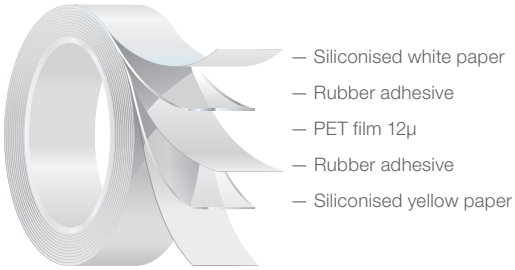
FT T4060

FT T4060 is part of a double-sided adhesive system especially designed for the assembly of membrane switches. The range consists of mounting tapes and spacer tapes of different thicknesses. All these products have superior stay-flat and die-cutting properties. They are available in roll and sheet form.

CONSTRUCTION & TYPICAL APPLICATION:

- Consists of a 12µ polyester film coated on both sides with a rubber-based adhesive. It offers medium adhesion and cohesion.
- Protected by 2 calendered paper liners.
- Assembly of Membrane Switch Panels.



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. Not recommended for use in contact with aliphatic or aromatic hydrocarbons. Adhesive chlorine content and sulphur content is less than 100 ppm. The adhesive has no corrosion effect onto copper.

SHELF LIFE:

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

FT T4060

ADHESIVE DATA	Typical Values*	Test Method
Quick Tack (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	13	FTM 9
Peel 180° (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) - after 20 minutes - after 24 hours	 16 17	 FTM 1 FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	> 200	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	+ 8°C	
End-use Temperature Range	- 40°C to + 90°C	
Short Term Resistance	+ 105°C	S.A.F.T. 500grs

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

THICKNESS	Typical Values*	Test Method
Carrier + Adhesive	85µ	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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