

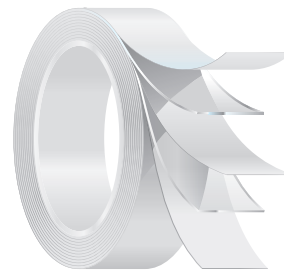


# FT B1148

**FT B1148** is part of 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 B1148 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 medium tack, peel and shear resistance.
- Produced in twin liner form on calendared paper liner.
- General purpose: nameplates, posters, POS displays.



- Siliconised yellow paper
- Side 2: rubber based adhesive
- PET film 12µ
- Side 1: rubber based adhesive
- Siliconised yellow paper

## 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 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.

## ADDITIONAL INFORMATION:

- Skin contact approval: The adhesive of FT B1148 has been lab tested and its Primary Irritation Index (P.I.I.) was calculated to be 0,6, « slightly irritating » in accordance with the criteria of ECETOC (European Center for Ecotoxicology and Toxicology Of Chemicals).
- IMDS – automotive registration: FT B1148 has been introduced in the IMDS (International Material Data System).

## FT B1148

ADHESIVE DATA	Typical Values*	Test Method
<b>Quick Tack</b> (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	13	FTM 9
<b>Peel 180°</b> (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4) - after 20 minutes - after 24 hours	15 16	FTM 1 FTM 1
<b>Shear</b> on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	> 250	FTM 8

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

TEMPERATURE RESISTANCE	Typical Values*	Test Method
<b>Minimum Application Temperature</b>	+ 6°C	
<b>End-use Temperature Range</b>	- 40°C to + 90°C	
<b>Short Term Resistance</b>	+ 105°C	S.A.F.T. 500grs

RELEASE LINER	Typical Values*	Test Method
<b>Two Yellow Silicone Papers</b>	90 gr/sqm	ISO 536

THICKNESS	Typical Values*	Test Method
<b>Carrier + Adhesive</b>	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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