

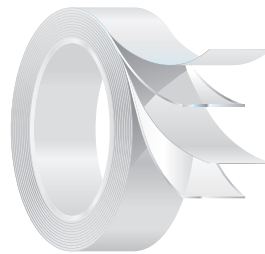


# FT B1200

**FT B1200** 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 B1200 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 polypropylene 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 Shear is required: e.g. heavy POS display, hangers, sports equipment. White Goods Industry: Gasket and seal mounting, mounting of nameplates, emblems and backprinted graphics.



- Siliconised white paper
- Side 2: rubber based adhesive
- 20µ PP film
- 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.

## ADDITIONAL INFORMATION:

- IMDS – automotive registration: B 1200 has been introduced in the IMDS (International Material Data System).

## FT B1200

| ADHESIVE DATA  | Typical Values* | Test Method    |
|--|-----------------|----------------|
| <b>Quick Tack</b> (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)  | 21              | FTM 9          |
| <b>Peel 180°</b> (N/25mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)<br>- after 20 minutes<br>- after 24 hours | 23<br>24        | FTM 1<br>FTM 1 |
| <b>Shear</b> on brushed stainless steel (ref. Nokoro 304 poli. N°4)<br>1kg – 25mm x 25mm (hours)                           | > 5000          | FTM 8          |

| CARRIER DATA                    | Typical Values*  | Test Method |
|---------------------------------|------------------|-------------|
| <b>Thickness</b> (μ)            | 20               | ISO 534     |
| <b>Tensile</b> (N/15mm)         | MD 16<br>CD 6    | DIN 53455   |
| <b>Elongation</b> (%)<br>(max.) | MD 600<br>CD 700 | DIN 53455   |

| TEMPERATURE RESISTANCE                 | Typical Values*  | Test Method     |
|--|------------------|-----------------|
| <b>Minimum Application Temperature</b> | + 10°C           |                 |
| <b>End-use Temperature Range</b>       | - 40°C to + 70°C |                 |
| <b>Short Term Resistance</b>           | + 85°C           | S.A.F.T. 500grs |

| RELEASE LINER               | Typical Values* | Test Method |
|-----------------------------|-----------------|-------------|
| <b>White Silicone Paper</b> | 90 gr/sqm       | ISO 536     |

| THICKNESS                 | Typical Values* | Test Method |
|---------------------------|-----------------|-------------|
| <b>Carrier + Adhesive</b> | 150μ            | 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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