



PSA1999 MegaBond– Technical Data Sheet

Product Description

Megabond is a permanent type HMPSA for industrial tape or other applications where high cohesion and shear, high tack and peel, and high heat resistance are required. The product has good heat and shear resistance for demanding applications. Its tack and peel are also very promising as compared to conventional HMPSA.

Applications

- Sign Fixings, Edgings and Trims
- Joining of sheets and Damp Proof Membranes
- Adhering Insulation to Walls
- Bonding GRP Roof Skins and Aluminum in the Commercial Bodybuilding Industry
- Fixing of Floor Materials such as Carpets and Strips
- Temporary Tarpaulin Repair

Product Structure

Film	N/A
Adhesive	HMA021
Release Liner	120g Glassine

Product Characteristic

Film Thickness	700mu
Adhesive Layer	720μ +/- 20μ (1 mil)
UV Protection Factor	N/A
Outdoor Durability	Not Recommended
Shelf Life	2 years (+15°C to 25°C or +50°F to 77°F) And 50% relative humidity in dust free environment before use and in original packaging
Storage Conditions	64°F to 77°F (18°C to 25°C); 40 - 65% Relative Humidity



Technical Data

Thickness : 700mu

Release Liner : Differential siliconized kraft liner paper 100g/m²

Tensile Strength : 88 N/25m

Elongation at break : 12%

Peel Strength : Open side **(20 mins)** 45 N/25mm

: (FINAT FTM 1 – Stainless Steel) 1.8 kN/m

: Open side **(24 hrs)** 65 N/25mm

: (FINAT FTM 1 – Stainless Steel) 2.6 kN/m

: Closed side **(20 mins)** 60 N/25mm

: (FINAT FTM 1 – Stainless Steel) 2.4 kN/m

: Closed side **(24 hrs)** 65 N/25mm

: (FINAT FTM 1 – Stainless Steel) 2.6 kN/m

Initial Tack

: (FINAT FTM 9 – Stainless Steel) 18 N/25mm

0.7 kN/m

Shear Strength (3kg static shear) : >800 hours

Service Temperature : 5°C to 60°C

Note: Where not indicated otherwise the above values are minimum expected values for each parameter measured.

The above information is given in good faith and for guidance only. The user shall be responsible for determining that the performance of the product is sufficient for his application. The quoted values are based on averages and should not be taken as maximum or minimum values for specific purposes.