

Technical Data Sheet

PD100

Basis: Expanded Polyethylene Closed Cell Sponge

General Properties and Applications:

PD100 is a closed cell sponge. The closed cell construction makes ideal for packaging, gaskets, strips, expansion joints and where bolt load is insufficient to use solid materials such as rubber. It should not be compressed more than 20% of original thickness. Over compression will increase the compression set and in extreme cases damage the cell structure.

Sheet Properties:

Standard Colour	Black, Grey and White
Sheet Size:	1000mm x 2000mm
Thickness:	3mm - 40mm
Tolerances:	±1mm or 10% which ever is greater

Typical Values

Split Tear Strength	10 N/cm
Tensile Strength	300 kPa
Compression Strength	25 kPa
Elongation at Break	120%
Density	± 90 - 125 Kg/m ³
Vacuum-Water Absorption	0.02% (volume)
Corrosion	No apparent visual change.
Hardness (00)	55° ± 5°
Recommended Maximum Temperature	70°C

No ozone depleting substances (CFCs or HCFCs) associated with the manufacture or the composition of the product.

The information represents typical values which can vary according to the application. These values do not constitute a performance guarantee. Users should determine, prior to use, the suitability of this material for their particular application