

Technical Data Sheet

TSE33

Basis: TSE33

General Properties and Applications:

TSE33 is a closed cell PE sponge made in a 2 stage blowing process. The closed cell construction makes ideal for packaging, gaskets, strips, floatation pads, expansion joints and where bolt load is insufficient to use solid materials such as rubber. It should not be compressed more than 35% 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

Can be made fire retardant on application.

Typical Values

Split Tear Strength	10 N/cm
Tensile Strength	304 kPa
Compression Strength	34 kPa
Elongation at Break	153%
Density	± 30 Kg/m ³
Vacuum-Water Absorption	0.002% (volume)
Corrosion	No apparent visual change.
Shore Hardness (00)	30° ± 5°
Recommended Maximum Temperature	80°C

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