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## Technical Data Sheet

**PEX33**

**Basis:** Expanded Polyethylene Closed Cell Sponge

### General Properties and Applications:

PEX33 is a closed cell sponge made in a 2 stage blowing process. 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 - 80mm  
 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                         | ± 35 Kg/m <sup>3</sup>     |
| Vacuum-Water Absorption         | 0.002% (volume)            |
| Corrosion                       | No apparent visual change. |
| Shore Hardness (00)             | 40° ± 5°                   |
| Recommended Maximum Temperature | 70°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**

