



## Technical Data Sheet

## Neoprene Sponge

### Basis

Neoprene(CR) Closed Cell Expanded Rubber

### General Properties and Applications:

Neoprene Sponge is ideal for many interior and exterior applications including automotive.

Neoprene Sponge is an excellent material to be used in oil/grease applications. It has a slightly higher temperature rating than other expanded closed cell rubbers.

Neoprene has a good resistance to oil.

### Dimensions of standard sheets:

Available in Sheets nominal size 1000 x 2000 with or without PSA.

Standard colour is Black.

Thickness range 3mm to 40mm. (Greater than 40mm can be laminated)

Tolerance ± 1mm or 10% which ever is greater.

### Technical Data:

<b>Temperature</b>	Recommended maximum	100° C
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### Typical properties

Split Tear Strength	+/- 0.5 kN/m ISO 34-1 (B-a) 94
Tensile Strength	>400kPa ISO 1798-97
Compression set 50% / 22h	@23°C 15% ASTM D 1056-78
Compression Deflection	@25% 20-50 Kpa ASTM D 1056-78
Linear Shrinkage @ 70°C	-4% after 7 days
Elongation at break	150%
Density	± 130 Kg/m <sup>3</sup>
Vacum-Water absorption	4% (volume)
Specifications, ASTM D 1056-77	RE 41/42 BC
Shore Hardness	30-40

Due to the wide variety of possible installation and operating conditions the behavior of the material cannot be guaranteed. While utmost care has been used in compiling this brochure it must only be used as a general guide. This specification is subject to change without notice.

**If in doubt, our staff will be please to assist you in finding the optimum sealing solutions**