



## Sponges, Foams and Cellular materials

The materials listed below are a selection of Compounds and Grades that we can supply in various forms including, Sheet, Moulded, Extruded and O Ring.

If you open each material it will explain its basic properties and characteristics as well as show you a table of the more common grades available. This information is for your general guidance only. We recommend that you contact our technical sales team to discuss any specific or potential application.

Full technical Data sheets are available for all materials and grades listed and will be forwarded on request.

- 401 - Silicone Sponge (Closed Cell),
- 402 - Silicone Foam (Semi Closed Cell),
- 403 - Silicone Foam (Open Cell),
- 404 - Neoprene (Chloroprene),
- 405 - Neoprene/EPDM/SBR Blend,
- 406 - EPDM (Closed Cell),
- 407 - EPDM (Semi Closed Cell),
- 408 - EPDM/PE/SBR Blend,
- 409 - Nitrile,
- 410 - Nitrile/PVC Blend,
- 411 - Nitrile/PVC/ Neo Blend,
- 412 - PVC,
- 413 - SBR,
- 414 - Natural/SBR Blend,
- 415 - Epichlorohydrin,
- 416 - Viton,
- 417 - EVA/PE,
- 418 - Polyester (Filtration Foam).

### Sponge Rubber Sheetting selection criteria chart

Application	Natural/SBR	Neoprene	Nitrile	EPDM	Butyl	Hypalon®	Silicone	Viton®
Petrol	Poor	Poor	Good	Poor	Poor	Poor	Poor	Excellent
Lubricating Oils	Poor	Fair	Good	Poor	Poor	Fair	Good	Excellent
Acid	Fair	Fair	Good	Excellent	Excellent	Excellent	Fair	Good
Alkali	Fair	Fair	Fair	Good	Excellent	Excellent	Fair	Fair
Hydraulic Fluid	Phosphates	Poor	Poor	Good	Good	Fair	Good	Poor
	Silicates	Poor	Good	Good	Fair	Fair	Good	Good
Abrasion Resistance	Excellent	Good	Good	Good	Good	Good	Fair	Good
Tear Strength	Good	Good	Good	Fair	Good	Fair	Poor	Fair
Impact Resistance	Excellent	Good	Fair	Good	Good	Good	Fair	Fair
Resilience	Excellent	Good	Good	Good	Fair	Good	Poor	Fair
Impermeable to Gases	Fair	Good	Good	Good	Excellent	Excellent	Poor	Excellent
Compression Set	Good	Good	Good	Fair	Fair	Fair	Good	Good

This is a general guide only. If in doubt please contact us.

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