



300 - Solid Rubber Compound Grades

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.

Each material has an explanation of its basic properties and characteristics as well as a table of the more common grades available. This information is for general guidance only, for any specific or potential application please contact our technical sales team to discuss

Full technical Data sheets are available for all materials and grades listed.

- 301 SILICONE (VMQ)
- 302 FLUROSILICONE (FVMQ)
- 303 FLUOROCARBON (VITON®) FKM
- 304 NEOPRENE (CHLOROPRENE) (CR)
- 305 PERFLUOROCARBON (FFKM)
- 306 ETHYLENE PROPYLENE (EPM & EPDM)
- 307 VAMAC® (POLYETHYLENCOMETHYLACRYLATE)
- 308 BUTYL (ISOBUTYLENE-ISOPRENE) (IIR)
- 309 NITRILE (ACRILONITRILE BUTADIENE) (NBR)
- 310 HYPALON® (CHLOROSULPHONATED PE) (CSM)
- 314 NATURAL (NR)

Solid Rubber Sheeting 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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