

Elastomers Types

End product types include, extruded profiles, strips, gaskets and moulded parts. To obtain the technical data sheet for any of the products below [contact us](#).



General Purpose Non Oil-Resistant

Standard Abbreviations ¹	Common Name	Temp (°C)	Hardness (Shore A)	Colours ²
NR	Natural rubber	-40°C to +80°C	± 30-90	black, beige, blond
SBR	SBR rubber	-45°C to +100°C	± 40-90	black
IIR	Butyl rubber	-40°C to +110°C	± 40 - 70	black
EPDM	EPDM rubber	-45°C to +130°C	± 40 - 90	black, white ⁴

General Purpose Oil-Resistant

Standard Abbreviations ¹	Common Name	Temp (°C)	Hardness (Shore A)	Colours ²
NBR	Nitrile rubber	-35°C to +110°C	± 40-90	black, white ⁵
CO, ECO	Epichlorohydrin rubber	-35°C to +130°C	± 40-90	black
CR	neoprene	-35°C to +130°C	± 40-90	black
CSM	Hypalon	-35°C to +130°C	± 40-90	black
CM	CM	-35°C to +120°C	± 60-90	black
AU	Urethane	-40°C to +80°C	± 60-90	black

The data given in the above table are general informations on the elastomers most frequently-used in industry, and may not represent the complete elastomer product portfolio offered by Boyd nor all the elastomers available on the market.

Speciality Elastomers

Standard Abbreviations ¹	Common Name	Temp (°C)	Hardness (Shore A)	Colours ²
VMQ	Silicone	-70°C to +200°C	± 40-80	white ⁶ , grey, black, red
FVMQ	Fluorosilicone	-70°C to +200°C	± 40-80	white ⁶ , grey, black, red
FKM	Fluoroelastomer (Viton)	-30°C to +200°C	±55-90	black
FFKM	Perfluoroelastomer	-30°C to +200°C	±55-90	black

¹ Standard abbreviations according to the international Standards ISO R1629 and ASTM D1418.

² All colours may not be available for all products.

³ Polyester or polyamide plys available upon request for specific references.

⁴ White EPDM for FDA-certified applications.

⁵ White NBR for FDA- and ACS-certified applications.

⁶ Silicone also available in white translucent and transparent for FDA-approved applications.