



# THE WORLD OF RUBBER

EXCEEDING ALL YOUR RUBBER NEEDS, ON-TIME EVERY TIME

## MATERIAL CHART

### Basic Rubber Properties

COMMON NAME	ABBREVIATION	LOW TEMP (°C)	MAX TEMP (°C)	OIL/FUEL RESISTANCE	WEATHER RESISTANCE	HARDNESS RANGE
Polynorbornene Rubber	PNR	-40	70	Poor	Good	15 to 50
Hydrogenated Nitrile Rubber	HNBR	-30	150	Good	Fair	50 to 90
Acrylic Rubber	ACM	-10	150	Good	Good	50 to 80
Ethylene Acrylate Rubber	AEM	-30	160	Good	Good	50 to 80
Nitrile Rubber	NBR	-30	120	Good	Poor	40 to 90
Natural Rubber	NR	-60	75	Poor	Poor	45 to 90
Styrene Butadiene Rubber	SBR	-55	85	Poor	Poor	40 to 90
Ethylene Propylene Rubber	EPDM	-50	150	Poor	Excellent	30 to 90
Chlorobutyl Rubber	CIIR	-60	120	Poor	Excellent	30 to 80
Silicone Rubber	VMQ	-50	250	Poor	Excellent	30 to 80
Fluorosilicone Rubber	FMVQ	-50	230	Good	Excellent	40 to 80
Epichlorohydrin Rubber	ECO	-40	135	Good	Good	60 to 80
Chlorosulphonated Polyethylene	CSM	-25	120	Moderate	Good	60 to 80
Polyurethane Rubber	PU	-30	80	Good	Good	40 to 90
Perfluoro Elastomer	FFKM	-	300	Excellent	Good	65 to 80
Chlorinated Polyethylene Rubber	CPE	-40	150	Moderate	Excellent	50 to 80
Chloroprene Rubber	CR	-40	100	Poor	Good	50 to 80
Fluoroelastomer	FKM	-18	200	Excellent	Good	60 to 90