

Materials rubber pipes



Material	EPDM	NBR	NR	CR	FKM/ FPM	HNBR	SBR
Hardness range (Shore A)	25 - 90	40 - 90	20 - 90	30 - 90	50 - 90	50 - 90	30 - 90
Operating temperature (°C)	-40 to +120	-20 to +100	-40 to +80	-20 to +100	-20 to +240	-40 to +150	-30 to +80
Operating temperature (°C)	good	good	very good	good	good	good	good
Tear resistance	sufficient	satisfactory	very good	good	satisfactory	satisfactory	good
Abrasion resistance	satisfactory	good	very good	good	satisfactory	good	very good
Weathering / Ozone resistance	very good	satisfactory	sufficient	good	very good	very good	satisfactory
Oil resistance	unsuitable	very good	unsuitable	good	very good	very good	unsuitable
Acid / Base resistance	very good/ good	satisfactory/ unsuitable	satisfactory	satisfactory/good	very good/ satisfactory	very good	satisfactory
Charecteristic property	very well suited for use in chemical plants as well as outdoors, FDA-compliant or electrically conductive possible	very good for applications in contact with oil and petrol. FDA-compliant or electrically conductive possible	very good mechanical properties, FDA-compliant or electrically conductive possible	good material that combines many properties, FDA-compliant or electrically conductive possible	Specially developed material with good resistance to high temperatures, oil and weather influences, low gas permeability, FDA-compliant or electrically conductive possible	Particularly suitable for high dynamic loads, Exhibits good abrasion resistance. Also versatile in the increased temperature range. FDA-compliant or electrically conductive possible	High wear resistance, good material to produce blended materials (NR/SBR). FDA-compliant or electrically conductive possible