NORRES BAGGERMAN
Leading Performance.

Properties table - 2

	Polyvinylchloride **PVC**	Polyurethane rubber **PUR**	Natural rubber **NR**	Styreen butadiene rubber **SBR**	Ethylene propylene diene monomer rubber **EPDM**	Acrylonitrile-butadiene rubber (nitrile) **NBR**	Chloroprene rubber (Neoprene) **CR**	Silicone rubber **SI (Q)**	Cross-linked polyethylene **UPE / XLP**
Maximum temperature in:									
Dry air	+60 °C	+80 °C	+70° C	+70 °C	+120 °C	+90 °C	+90 °C	+180 °C	+66 °C
Hot oil	-	+60 °C	-	-	-	+120 °C	+60 °C	-	+60 °C
Hot water	+60 °C	+40 °C	+70° C	+80 °C	+140 °C	+90 °C	+70 °C	+100 °C	+66 °C
Minimum temperature:	-10 °C	-20 °C	-40° C	-30 °C	-50 °C	-20 °C	-30 °C	-60 °C	-50 °C
General resistance to:									
Mineral oils and fats	moderate	good	low	low	low	excellent	good	moderate	good up to +60 °C
Animal / vegetable oils and fats	moderate	good	low/moderate	low/moderate	good	excellent	good	moderate	good
Diluted acids	good	moderate	moderate/good	moderate/good	excellent	good	excellent	excellent	excellent
Concentrated acids	low/moderate	low	moderate/good	moderate/good	good	moderate/good	good	moderate	excellent
Resistance to certain solvents:									
Aliphates; petrol, etc.	low	moderate/good	low	low	low	excellent	moderate/good	low	good
Aromatics; toluene, benzene, etc.	low	low	low	low	low	good	moderate	low	good
Esters, ethers, alcohol	low	low	good	good	excellent	none	low/moderate	moderate	excellent
Chlorinated solvents (tetra, tri, etc.)	low	low	low	low	low/moderate	moderate	low	low	good
Resistance to water absorption	good	excellent	excellent	good/excellent	excellent	good	good	excellent	excellent
Resistance to sunlight + ozone	moderate	excellent	low	low	excellent	moderate	excellent	excellent	good
Elasticity	good	good	excellent	good	moderate/good	moderate/good	moderate/good	good	good
Dimensional stability	low	moderate	good	good	good	good	good	moderate	low
Wear resistance	good	excellent	excellent	excellent	good	good	excellent	low	moderate
Permeability	low	fairly low	fairly low	fairly low	fairly low	low	low	fairly low	low
Electrical insulation	good	good	good/excellent	good/excellent	excellent	none	moderate/good	excellent	good
Hardness range (Shore A)	60 - 85	50 A - 75 D	30 - 90	40 - 90	40 - 90	40 - 95	40 - 95	40 - 85	-
Flame resistance	none	none	low	low	low	low	good	moderate	none
Tensile strength	20 - 30 MPa	20 - 30 MPa	18 - 30 MPa	15 - 25 MPa	10 - 20 MPa	15 - 20 MPa	15 - 20 MPa	10 - 20 MPa	30 - 35 MPa
Properties	chemically resistant, lightweight, colourfast, food-grade (optional), physiologically harmless	elastic, high mech. strength, wear-resistant, resistant to ozone, oxidation, oil and petrol, gas-tight, notch-tough, chemically resistant	elastic, cold-resistant, wear-resistant; resistant to dilute acids and to water and alcohol at low temperatures	resistant to oil-laden air, water, industrial water, glycol	heat-resistant, steam-resistant, ozone-resistant, ageing-resistant, UV-resistant and chemically resistant	resistant to mineral oil products, fats and fuels, inorganic acids at low concentrations and temperatures	chemically resistant, ageing-resistant, ozone-resistant, weather-resistant, flame-resistant	temperature-resistant, cold-resistant, ozone-resistant, odourless and tasteless	chemically resistant, oxidation-resistant, stable, gas-tight
Thermal properties	-35 °C / +70 °C	-30 °C / +90 °C	-60 °C / +80 °C	-50 °C / +100 °C	-50 °C / +160 °C	-30 °C / +100 °C	-45 °C / +100 °C	-60 °C / +200 °C short term up to 250 °C	-50 °C / +90 °C