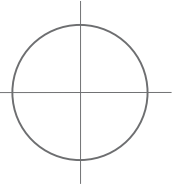


Rubber table (part 1)

Materials we work with include:	Natural rubber	Buna rubber	Ethylene propylene diene rubber	Butyl rubber	Nitrile rubber	Hydrated nitrile rubber	Chloroprene rubber
International abbreviation	NR	t	EPDM	IIR	NBR	H-NBR	CR
The basic elastomer's trade name	SMR	Buna	Buna EP	Butyl	Perbunan	Therban	Neoprene
		Solprene	Keltan		Krynac	Zetpol	Baypren
		Krylene	Vistalon				Butaclor
The compound's physical properties							
Shore A hardness from - to	30-90	35-95	30-90	30-70	40-95	40-90	40-90
Tensile strength up to...MPa N/mm ²	30	25	20	20	25	30	25
Compression set	+	+	+	-	+	+	O
Abrasion resistance	++	+	+	+	+	++	+
Tongue-tear resistance (also impact strength - structural rigidity)	++	+	+	+	+	+	+
Elasticity	++	+	+	-	+	+	+
Usable in the temperature range from... to... °C	-50/+80°C	-50/+90°C	-50/+130°C	-40/+120°C	-40/+100°C	-30/+175°C	-40/+100°C
Electronic leakage resistance	++	+	++	+	-	O	-
Resistance to swelling in:							
Mineral oil (dependent on aromatics, additives contained)	-	-	-	-	++	++	O
Aliphatic hydrocarbons like benzine	-	-	-	-	+	+	O
Aromatic hydrocarbons like benzol and toluol	-	-	-	-	-	-	-
Chlorinated hydrocarbons like trichloroethylene	-	-	-	-	-	-	-

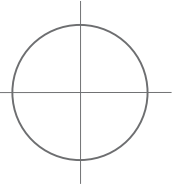


Rubber table (part 1)

Materials we work with include:	Natural rubber	Buna rubber	Ethylene propylene diene rubber	Butyl rubber	Nitrile rubber	Hydrated nitrile rubber	Chloroprene rubber
Resistance to:							
concentrated acids		O	++	+	O	O	+
diluted acids		O	++	++	O	O	+
Oxygen/ozone		O	++	++	O	+	+
Sunlight		-	++	++	O	+	++

Rubber table (part 2)

Materials we work with include:	Epichlorohydrin	Polynorbornene rubber	Silicone rubber	Methyl fluorosilicone rubber	Fluoro rubber	Acrylate ethylene copolymers
International abbreviation	ECO	PNR	MVQ	MFQ	FPM	AEM
The basic elastomer's trade name	Hydrin	Norsorex	Siloprene	Siloprene	Viton	Vamac
	Herchlor		Blensil	Blensil	Fluorel	
The compound's physical properties						
Shore A hardness from - to	50-90	15-40	30-85	40-80	55-90	40-90
Tensile strength up to...MPa N/mm ²	15	10	8	8	20	15
Compression set	+	O	++	++	+	+
Abrasion resistance	O	-	-	-	O	+
Tongue-tear resistance (also impact strength - structural rigidity)	+	-	-	-	+	+
Elasticity	O	O	+	+	-	+
Usable in the temperature range from... to... °C	-40/+120°C	-40/-90°C	-60/+250°C	-50/+200°C	-20/+200°C	-40/+150°C
Electronic leakage resistance	-	+	++	++	-	+



Rubber table (part 2)

Materials we work with include:	Epichlorohydrin	Polynorbornene rubber	Silicone rubber	Methyl fluorosilicone rubber	Fluoro rubber	Acrylate ethylene copolymers
Resistance to swelling in:						
Mineral oil (dependent on aromatics, additives contained)	++	-	O	+	++	+
Aliphatic hydrocarbons like benzene	+	-	-	+	++	+
Aromatic hydrocarbons like benzene and toluene	-	-	-	-	+	O
Chlorinated hydrocarbons like trichloroethylene	-	-	-	-	++	-
Resistance to:						
concentrated acids	-	-	-	O	++	-
diluted acids	+	O	-	O	++	O
Oxygen/ozone	+	+	++	++	++	++
Sunlight	+	+	++	++	++	++