

RT-NBR65-BK-P

Nitrile (NBR) · premium · black · 65 Sh A

Product overview

Material family	Nitrile (NBR)
Colour	Black
Available thicknesses	0.5 · 1 · 1.5 · 2 · 3 · 4 · 5 · 6 · 8 · 10 mm
Roll width	1400 mm
Roll length	20000 mm
Typical use	Resistant to oils, greases and fuels.

Certifications & compliance

- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.35 ± 0.05
Hardness	DIN 53505 / ASTM D2240	65 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	1423 PSI / 100 kg/cm²
Elongation at break (min)	DIN 53504 / ASTM D412	350%
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	35 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	196 lbs/inch / 35 kg/cm
Change in properties after heat ageing for (72 h at 70 °C)	ASTM D573	
Hardness (pts)		+ 5 (max)
Tensile strength (%)		+10 /-20
Elongation at break (%)		+ 20
Volume swell: at 70°C for 72 h	ASTM D471	
IRM oil No. 903		10 % max
Chemical resistance		
Ozone	ASTM D1149	Fair
Dilute acids and bases		Good
Concentrated acids and bases		Moderately resistant
Oils		Good
Solvents		Good
Temperature range		-30 °C to +110 °C