

RT-CR70-BK

Neoprene (CR) · standard · black · 70 Sh A

Product overview

Material family	Neoprene (CR)
Colour	Black
Available thicknesses	1 · 1.5 · 2 · 3 · 4 · 5 · 6 · 8 · 10 mm
Roll width	1400 mm
Roll length	20000 mm
Typical use	Versatile: oil + weather resistance, flame retardant.

Certifications & compliance

- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.45 ± 0.05
Hardness	DIN 53505 / ASTM D2240	70 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	858 PSI / 50 kg/cm ²
Elongation at break (min)	DIN 53504 / ASTM D412	225%
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	50 %
Tear resistance (angular) min	DIN 53515 / ASTM D624	101 lbs/inch / 18 kg/cm
Change in properties after heat ageing for (72 h at 70 °C)		ASTM D573
Hardness (pts)		+ 15 (max) / + 5 (max)
Tensile strength (%)		± 20% (max)
Elongation at break (%)		± 30% (max)
Volume swell: at 70°C for 72 h	ASTM D471	
In IRM oil No. 901		18% / 19%
In IRM oil No. 902		37%
In IRM oil No. 903		72%
Chemical resistance		
Ozone	ASTM D1149	Fair
Dilute acids and bases		Good
Concentrated acids and bases		Fair
Oils		Fair
Solvents		Not recommended
Temperature range		-25 °C to +80 °C
Finish		Both sides smooth finish