

RT-NR55-OG

Wear-resistant · anti-abrasion, up to +100 °C · orange · 55 Sh A

Product overview

Material family	Wear-resistant
Colour	Orange
Available thicknesses	3 · 5 · 6 · 8 · 10 mm
Roll width	1400 mm
Roll length	10000 mm
Typical use	Abrasion-resistant rubber for material handling.

Certifications & compliance

- REACH, RoHS and PAH compliant

Technical properties

Property	Test method	Typical value
Specific gravity	DIN 53508 / ASTM D297	1.10 ± 0.05
Hardness	DIN 53505 / ASTM D2240	55 ± 5 Sh A
Tensile strength (min)	DIN 53504 / ASTM D412	1849 PSI / 130 kg/cm²
Elongation at break (min)	DIN 53504 / ASTM D412	700 %
Compression set (70°C/24 h/25% compression) (max)	DIN 53517 / ASTM D395 METHOD B	50 %
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 (%)		- 25 / - 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 +100 °C