

MATERIAL DATASHEET

V. 12/2020

NBR-SBR P9540

Material Information	
Manufacturer	Semperit
Composition	High-grade NBR-SBR rubber, sulphur cross-linked
Applications	Low pressure applications, oils & fuels
Approvals	-
Colour	Black
Thickness (mm)	1,0; 1,5; 2,0; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0
Sheet dimensions (mm)	1 400 x 5 000–20 000 (roll)

Technical Data		
Density, (g/cm ³)	Compression set, DIN ISO 815 (%)	Hardness, ISO 7619-1 (Shore A)
1,45	40 (70 °C, 22 h)	65 ± 5
Tensile strength, ISO 37, Type 2 (MPa)	Elongation at break, ISO 37, Type 2 (%)	Swelling, ISO 1817
7	250	IRM 903 70 h/100 °C: 10 Shore A, 15 % volume Fuel B 70 h/23 °C: 10 Shore A, 20 % volume
	Ageing, ISO 188 70 h / 70 °C	
7 Shore A (hardness)	10 % (strength)	20 % (elongation)
Peak temperature (°C/°F)	Continuous temperature (°C/°F)	Minimum temperature (°C/°F)
90/194	70/158	-10/14

Recommended Media	
Ozone resistance	Not resistant
Weather resistance	Not resistant
Oil resistance	Good
Fuel resistance	Resistant
Acid resistance	Moderate
Strong bases	Moderate
Abrasion resistance	Not resistant