

MATERIAL DATASHEET

V. 12/2020

EPDM E9566

Material Information	
Manufacturer	Semperit
Composition	High-grade EPDM rubber, sulphur cross-linked
Applications	Low pressure applications, air, water & steam
Approvals	VW 2.8.1 G70
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)
1,3	35 (70 °C, 22 h)	70 ± 5
Tensile strength, ISO 37, Type 2 (MPa)	Elongation at break, ISO 37, Type 2 (%)	Ozone resistance, ISO 1431-1 48 h, 40 °C, 200 ppm
7	250	0 (=no cracks)
	Ageing, ISO 188 70 h / 100 °C	
10 Shore A (hardness)	10 % (strength)	25 % (elongation)
Peak temperature (°C/°F)	Continuous temperature (°C/°F)	Minimum temperature (°C/°F)
120/248	100/212	-40/-40

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