

MATERIAL DATASHEET

V. 10/2019

VITON V733

Material Information	
Manufacturer	Trelleborg
Composition	Viton A, 66 % fluorine
Applications	Automotive, hydrocarbons
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)
1,85 ± 0,05	≤ 55 (175 °C, 22 h)	70 ± 5
Tensile strength, ISO 37, Type 2 (MPa)	Elongation at break, ISO 37, Type 2 (%)	Oil resistance, ISO 1817
≥ 7	≥ 220	IRM 901, 70 h, 150 °C: ≤ 2 % (volume)
		IRM 903, 70 h, 150 °C: ≤ 5 % (volume)
	Ageing, ASTM D573 70 h / 150 °C	
≤ 10 Shore A (hardness)	≤ 10 % (strength)	≤ 25 % (elongation)
Peak temperature (°C/°F)	Continuous temperature (°C/°F)	Minimum temperature (°C/°F)
260/500	250/482	-20/-4

Recommended Media	
Ozone resistance	Very good
Oil resistance	Very good
Acid resistance	Very good
Base resistance	Very good