

**MATERIAL DATA SHEET**

Material Reference	AKA311
Description	CLOSED CELL EXPANDED NEOPRENE



Property	Result
Colour	Black
Density (kg/m ³)	150 / 200
Compression Deflection (kPa) ASTM D1056	35 – 65
Compression Deflection (kPa) NFR 99211	80 – 160
Compression Set - 50% / 22h @ 40°C	19%
Water Absorption ASTM D1056-00	=< 5%
Linear Shrinkage after 7 days at 70°C	< 7%
Ultimate Elongation DIN 53571	>100
Tensile Strength DIN 53571	>500kPa
Tear Resistance NFR 99211-80	>0.5 kN/m
Ozone Resistance	No cracking
Fire Resistance UL94	94 HB
Corrosive effect on copper / silver	Corrosive
Temperature Range - Continuous	-40°C to +115°C
Temperature – Intermittent	Up to 130°C

The figures and test data on this datasheet are average values and the result of many years of tests and trials.

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