



Specification Sheet.

CLOSED CELL EXPANDED NEOPRENE F.R GREY

Dimensions;			1900mm X 1000mm
Thickness			37mm +/- 2
Colour			Grey
Cellular Structure			Closed
Spec. according to ;	ASTM D1056-85 AFNOR NFR99-211-80 SAE J18-79		2 A2 A1 B2 MP 3C 08 B4  SCE 42 A1 B2 MP
Density			170 / 220 kg/m <sup>3</sup>
Shore Hardness			38-55
Compression Deflection ;	ASTM D1056 25% NFR 9921180 50%	49.3 kpa 124.5 kpa	35-63 kpa 80 -160 kpa
Change in comp. Deflection	ASTMD1056 after 7 Days at 70°C	16.8 %	From + / - 30%
Change in comp. Deflection	ASTM D1056 after 23 hours at 100°C	19.2%	From + / -30%
Water Absorption	ASTM D1056	0.9%	=<5%
Compression Set 50% / 22hrs	ASTM D1056 at 23°C	16.9%	=<25%
	HFR 99211 at 40°C	47.9%	=<60%
Linear Shrinkage after 7 days at 70°C		3.8%	=<5%
Ultimate Elongation	DIN 535 1	247%	> 200%
Tensile Strength	DIN 535 1	765 kpa	>550 kpa
Tear Resistance	NFR 99211 80	0.94 n/m	➤ 0.6 kn/m
	ASTM D624 73	3.09 n/m	➤ 2 kn/m
Ozone Resistance		200 pphm 30°C/48h	No Cracking
Resistance to fuel	Change in weight after 7 days	192%	<250%
Fire Resistance	According to ; FMVSS 302 UL94 AFNOR P9750		Conforms to cat.1 for thickness >4mm 94VO and 94HB M1 for 2 & 3mm M2 for 3 to 15mm M3 from 15 to 25mm
Corrosion on silver & copper			Non Corrosive
Temperature Range	Continuous Intermittent		-40°C to +85°C upto 100°C
General Indications	Good resistance to flame , oils , ageing & chemicals		