

**Flexi-Cell** | DATA SHEET

Grade - <b>EP120/M1/F1</b>		Black Closed Cell EPDM/CR Sponge.	
Requirement/Specification	Specification Limits	Typical Value	
Size - skin/skin (mm)	2000 x 1000 x 54 (+/- 4)		
Compression @ 25% Deflection (kPa) ASTM D1056-00	35 TO 65	43	
Compression Deflection @ 50% (kPa) ASTM D1056-00	80 - 160	112	
Density (kg/M <sup>3</sup> ) ISO 845-95	120 +/- 20	122	
Compression Set (50%22h20°C ) ASTM D1056-00	25% Max.	19.1%	
Water absorption, max. change in weight (%) ASTM D1056-00	10	0.8	
Heat Ageing, Change in Compression Deflection, 168 hrs @ 70°C	+ / - 30%	PASS	
Flammability FMVSS 302	Burn Rate < 100mm	PASS	
Elongation at Break (%) ISO 1798-7	N/A	>180	
Tensile Strength (KN/M <sup>2</sup> ) ISO 1798-7	N/A	> 500	
Temperature Range (Low - High)	N/A	-40 TO + 70 °C.	
High Intermittent	N/A	+100 °C.	
Resistance to Air + UV	EXCELLENT		
Resistance to Oil	POOR		
Resistance to Acids	GOOD		
Environmental Protection	CFC AND HFC FREE / CAN BE RECYCLED		
Specification	ASTM D1056-00	2A2	B2C
	AFNOR 99-211	2CO8/3C08 <sup>1</sup>	B3 C2
	NF F 16-101	F1 <sup>2</sup>	
	NF P 92-501	M1 <sup>2</sup>	

The information is given in good faith and is to the best of our knowledge true and accurate. However, since the conditions under which our products maybe used are beyond our control, recommendations are made without warranty or guarantee.

This statement does not affect the statutory rights of a customer.

<sup>1</sup> This material passes the 3C08 requirements, but the majority polymer is EPDM

<sup>2</sup> 3mm thick combined with an approved adhesive on a metallic support.