

PROVINCIAL RUBBER LTD



Unit 6 Riverside Business Park
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Black Closed Cell EPDM/Neo Blend

Requirement / Specification	Specification Limits	Typical Value
Size – skin / skin (mm)	2000 x 1000 x 54 (± 4)	
Compression @ 25% Deflection (kPa) ASTM D1056-00	35 - 65	43
Compression @ 50% (kPa) ASTM D1056-00	80 -160	112
Density (kg/M ³) ISO 845-95	120 \pm 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
Heath Ageing, Change in Compression Deflection, 168 hrs @ 70'c	\pm 30%	Pass
Flammability FMVSS 302	Burn Rate < 100mm	Pass
Flammability UL94 HBF		Pass
Elongation at Break (%) ISO 1798-7	N/A	>180
Tensile Strength (KN/M ²) ISO 1798-7	N/A	>500
Temperature Range (low-high)	N/A	-40'c to +85'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 AFNOR 99-211	2A2 B2C 2C08/3C08 B3 C2

This material passes the 3C08 requirements, but the majority polymer is EPDM

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