

Gordon Low Products Ltd.

Sheet Specification

Firestone 1.00mm EPDM Rubber Lining Material

<u>Test</u>	<u>Unit</u>	<u>Requirement</u>	<u>ASTM Method</u>
Hardness	^o IHR	65±5	
Tensile Strength	MPa / Kg/cm ²	Min 8.0 / 80	D412 Die C
Elongation at Break	%	Min. 300	D412
Density	g/cm ³	1.2 ±0.05	
Brittle Point	^o C	-49	D2137
Tear Strength	N/mm	27 Min.	D624 Die C

Properties after Heat Ageing

168 hours at 121^o C

Tensile Strength	MPa / K/cm ²	Min. 7.2 / 72	D412 Die C
Elongation	%	Min. 200	D412

Ozone Ageing

50 ppm, 96hours, 30^oC at 80% Elongation

No Cracks

Length Change

The samples are conditioned for 24 hours at +20^oC then heated for 1 hour at +100^oc and then cooled during 2 hours to +20^oc and re-measured.

Along	%	Max. 0.5
Across	%	Max. 0.5