

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

### Properties after Heat Ageing

168 hours at 121<sup>o</sup> C

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

### Ozone Ageing

50 ppm, 96hours, 30<sup>o</sup>C at 80% Elongation

No Cracks

### Length Change

The samples are conditioned for 24 hours at +20<sup>o</sup>C then heated for 1 hour at +100<sup>o</sup>c and then cooled during 2 hours to +20<sup>o</sup>c and re-measured.

Along	%	Max. 0.5
Across	%	Max. 0.5