



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 pphm, 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 |