

Gordon Low Products Ltd.

Sheet Specification

SealEco Greenseal EPDM Rubber Lining Material

| <u>Test</u> | <u>Unit</u> | <u>Requirement</u> | <u>British Standard</u> |
|---------------------|--------------------------|--------------------|---------------------------|
| Hardness | ⁰ IHR | 65±5 | BS 903 A26 |
| Tensile Strength | MPa / Kg/cm ² | Min 9.0 / 90 | BS 903 A2 |
| Elongation at Break | % | Min. 300 | BS 903 A2 |
| Density | g/cm ³ | 1.2 ± 0.05 | BS 903 A1 |
| Brittle Point | ⁰ C | -40 | BS 903 A25 |
| Tear Strength | N/mm | 30 Min. | BS 903 A3 C Crescent Test |

Properties after Heat Ageing

| | | | |
|---------------------------------|--------------------------|---------------|------------|
| 168 hours at 121 ⁰ C | | | BS 903 A19 |
| Tensile Strength | MPa / Kg/cm ² | Min. 7.5 / 75 | BS 903 A2 |
| Elongation | % | Min. 300 | BS 903 A2 |

Ozone Ageing

| | | | |
|---|--|-----------|------------|
| 50 pphm, 96hours, 30 ⁰ C at 80% Elongation | | | BS 903 A43 |
| | | No Cracks | |

Length Change

The samples are conditioned for 24 hours at +20⁰C then heated for 1 hour at +100⁰c and then cooled during 2 hours to +20⁰c and re-measured.

| | | |
|--------|---|----------|
| Along | % | Max. 0.5 |
| Across | % | Max. 0.5 |