

Gordon Low Products Ltd.

Sheet Specification

Butyl 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 7.5 / 75	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	-30	BS 903 A25
Tear Strength	N/mm	20 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. 6.0 / 60	BS 903 A2
Elongation	%	Min. 200	BS 903 A2

Ozone Ageing

50 ppm, 96hours, 30⁰C 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