



Butyl Material Specification

<u>Test</u>	<u>Unit</u>	<u>Requirement</u>	<u>British Standard</u>
Hardness	°IHR	65+5	BS 903 A26
Tensile Strength	MPa	Min 7.5	BS 903 A2
Elongation at Break	%	Min. 300	BS 903 A2
Density	g/cm ³	1.2 ± 0.05	BS 903 A1
Brittle Point	°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° C

Tensile Strength	MPa	Min. 6.0	BS 903 A2
Elongation	%	Min. 200	BS 903 A2

Ozone Ageing

50 pphm, 96hours, 30°C at 80% Elongation BS 903 A43

No Cracks

Length Change

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

Along	%	Max 0.5
Across	%	Max 0.5