



## Butyl Products Ltd.

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# Landflex BR100 1.00mm Butyl Rubber

Typical Properties	Test Method	Specification (Typical Values)
Thickness	Internal	1.00mm ( $\pm 10\%$ tolerance)
Width	Internal	170cm
Specific Gravity	BS ISO 2781	1.24 ( $\pm 0.03$ )
Nominal Weight	Internal	1240 g/m <sup>2</sup>
Roll length	Internal	50m
Tensile Strength	BS ISO 37	9.0 MPa
Modulus at 300%	BS ISO 37	6.0 MPa
Elongation at Break	BS ISO 37	350%
Tear Strength	BS ISO 34	30 N/mm
Ozone Resistance (7 days/50pphm/30° C)	BS ISO 1431	50% extension No cracks
Heat Ageing (Retentions) (7 days @ 100° C)	BS ISO 188	8.0 MPa 250%
Flex Cracking	BS ISO 32	200,000 Cycles No cracks
Dimensional Stability	1 Hr at 100°C	+/- 1% Max
Operating Temperature Range	BS903	-40°C to +130°C

The information herein is based upon data obtained by the manufacturer and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.