



# Verdaliner Greenseal EPDM Liner Specification Sheet

## Physical properties

Physical properties	Unit	Requirements	Test methods
Hardness	°IHR	65 ± 5	BS 903 A26
Tensile Strength	Mpa/Kg/cm <sup>2</sup>	min 9.0/90	BS 903 A2
Elongation at break	%	min 300	BS 903 A2
Density	g/cm <sup>3</sup>	1.2 ± 0.05	BS 903 A1
Brittle point	C°	-40	BS 903 A25
Tear Strength	N/mm	min 30	BS 903 A3 C Crescent Test

## Properties after Heat Ageing

168h/121°C			BS 903 A19
Tensile Strength	Mpa/Kg/cm <sup>2</sup>	min 7.5/75	BS 903 A2
Elongation at break	%	min 300	BS 903 A2

## Ozone Ageing

50pphm, 96 hours, 30°C at 80% elongation		No Cracks	BS 903 A43
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## 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

## Liner thickness

Available in 0.75mm and 1mm.

### Please note:

**This product can also be made into various panel sizes.**

0.75mm - up to 1800m<sup>2</sup>, panel size 40m x 45m

1mm - up to 1400m<sup>2</sup>, panel size 35m x 40m

Specialists in Geosynthetics & Erosion Control