



# Verdaler Firestone EPDM Liner Specification Sheet

Physical properties	Unit	Requirements	Test methods
Hardness	°IHR	65 ± 5	
Tensile Strength	Mpa/Kg/cm <sup>2</sup>	min 8.0/80	D412 Die C
Elongation at break	%	min 300	D412
Density	g/cm <sup>3</sup>	1.2 ± 0.05	
Brittle point	C°	-49	D2137
Tear Strength	N/mm	min 27	D624 Die C

## Properties after Heat Ageing

168h/121°C

Tensile Strength	Mpa/K/cm <sup>2</sup>	min 7.2/72	D412 Die C
Elongation	%	min 200	D412

## Ozone Ageing

50pphm, 96 hours, 30°C at 80% elongation

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

## Liner thickness

Available 1.02mm.

## Roll sizes available in widths from:

2.44m to 15.3m and up to a maximum length of 30.5m

Specialists in Geosynthetics & Erosion Control