

# Flexline 0.75mm

Flexline is a propylene/ethylene copolymer geomembrane produced from a resin formulation designed to provide a premium quality geomembrane, with excellent flexibility, improved elasticity and resistance to puncture. These properties assure maximum multi-axial elongation to accommodate differential settlement. Flexline is ideal for most geomembrane applications and major benefits to installation are provided by a lower coefficient of thermal expansion and a wide temperature-welding window.

<u>Tested Property.</u>	<u>Test Method.</u>	<u>Min. Value.</u>
Nominal Thickness (mm)	ASTM D5199	0.75
Thickness (mm) minimum.	ASTM D751	0.68
Density (g/cm <sup>3</sup> ) 1505 A	ASTM D792/	0.88
Tensile properties (each direction) mm pm	ASTM D638 Type IV Speed 50	
Strength at Break (N/mm)		13
Elongation at Break %	G L 50mm	960
Tear Resistance (N)	ASTM D1004	45
Puncture Resistance (N)	ASTMD4833	120
<u>Reference Property.</u>	<u>Test Method.</u>	<u>Nominal Values.</u>
Thickness (mm)	ASTM D5199	0.75
Multi-axial Strain	ASTM D5617	>100
Carbon Black Content (%)	ASTM D1603	3.0
Dispersion	ASTM D5596	Note 1
Dimensional Stability (%)	ASTM D1204	±1.0%
Low Temperature Brittleness °C	ASTM 746 Condition B	<-40
Melt Flow Index g/10 minutes	ASTM D1238 Cond. 190/2.16	<1.0

**Note 1.** Dispersion only applies to near spherical agglomerates. 9 of 10 views shall be Category 1 or 2. No more than 1 view from Category 3.

#### TRANSPORT INFORMATION

Roll width: 5.7m  
 Roll length: 270m  
 Roll diameter:  
 Roll weight: approx. 675kg