

Mechanical Properties

Polymer Density (ASTM D 1505)	g/cm ³	0.935-0.965
Environmental Stress Crack Resistance (ASTM D 1693-B)	Hours	>3000
Carbon Black Content (ASTM D 1603)	%	1.5 -2.0
Nominal Sheet Thickness (post texturing)(ASTM D 5199)	mm	Min. 1.2
Material	Compound of various polyethylene and additives	
Texture	Polyethylene strip consists of multiple rhomboidal indentations	
Perforations	Polyethylene strip is perforated with horizontal rows of Maximum 10mm diameter holes. Cell perforation area is less than 12% of the cell surface area.	

Cell and Section Properties

Property	Unit	IC712
Weld Spacing (±3%)	mm	712
Expanded cell dimensions (±3%) Width	mm	508
Length	mm	475
Expanded Section area (+3%) Width	M	2.56
Length	M	13.72
Expanded Section area (±3%)	M ²	35.1

Cell Depths for all Weld Spacing Grades mm	75	100	125	150	200	250	300
Seam Peel Strength (+5%)	N 650	850	1050	1280	1700	2130	2550
<small>(US ACE technical report, GL-86-19)</small>							

Notes

- Section length can be customized as per site requirements
- The above properties might change at the time of the manufacturing, storing, handling or shipping
- The above values are subject to change as per the discretion of the company