



TECHNICAL DATA SHEET

RAM SERIES 100 JACKET

DESCRIPTION

A 2mm thick Ultra Violet Resistant High Density Polyethylene sheet which has impact, abrasion, and chemical resistance sufficient for a wide range of environmental conditions.

The RAM Series 100 Jacket is strapped into place using the SmartBand Strapping System to itself ensure long life mechanical protection to system(s) beneath.

COMPOSITION

UV stable 2mm HDPE with extruded welded HDPE block stiffeners running the full length of the jacket. Fastened with 316 Stainless Steel Marine Grade Bolts and Nuts.

PROPERTIES

2mm HDPE

<u>Properties:</u>	<u>Test Method</u>	<u>Value</u>
Thickness (mm)	ASTM D751/1593/5199	2.0
Density, g,/cc	ASTM D792/1505	0.929
Tensile Properties (Typical)	ASTM D638 Type IV	
Strength at Break lb/in-width (N/mm)	Dumb-bell at 2 ipm, Gauge	400 (69)
Tensile Strength at Yield (Pounds/inch width)		190
Elongation at Break %	length per NSF Std. 54	900
Tear Resistance lb (N)	ASTM D 1004	60 (266)
Puncture Resistance lb (N)	FTMS 101, Method 2065	120 (533)

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