



Hypalon (C.S.P.E.) - Product Data Sheet

Property	Test Method	Specification	
Sheet Properties			
Gauge, nominal		1.14 mm	0.9 mm
Plies, reinforcing		1	1
Thickness, minimum Overall Over scrim	ASTM D 751 Optical Method	1.04 mm 0.28 mm	0.86 mm 0.28 mm
Breaking strength-fabric minimum	ASTM D 751 Method A	1.1 kN	.89 kN
Tear strength, minimum Initial After Aging	ASTM D 5884	0.31 kN 0.16 kN	0.31 kN 0.16 kN
Puncture resistance, minimum	FTMS 101C Method 2031	.89 kN	0,84 kN
Hydrostatic resistance Minimum	ASTM D 751 Method A Procedure 1	2.4 Mpa	2.4 Mpa
Dimensional Stability Maximum % change	ASTM D 1204 1hr. @ 180°F (82°C)	2%	2%
Low Temperature flexibility	ASTM D 2136 1/8" Mandrel 4 hr. pass	-40°C	-40°C
Ply adhesion, Minimum	ASTM D 413 Machine Method Modified	1.2 kN/m 1.75 kN/m	1.2 kN/m 1.75 kN/m
UV resistance	ASTM G26 Xenon Arc 4000 hrs. @80°C	Pass	
Typical Fabricated Seam Properties*			
Bonded seam strength, Minimum	ASTM D 751 Modified	0.89 kN	0.71 kN
Peel adhesion Minimum	ASTM D 413 Modified	1.75 kN/m	1.75 kN/m

* As made by others

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