



FLATWRAP®UV

PHYSICAL PROPERTIES DATA SHEET

Properties	Test	Test Standard	FlatWrap®UV Performance	AC 38 Test Requirement
Strength	Dry Breaking Force	ASTM D 5034	Machine 75 lb _f Crosswise 54 lb _f	Machine ≥ 40lb _f Cross Machine ≥ 35lb _f
Water Resistance	Hydrostatic Head	AC38 Section 3.3.2 (4.2.1)	PASS - no penetration of test specimens	Withstand 55cm of water for period of 5 hours
Vapor Permeability	Water Vapor Transmission	ASTM E 96	Permeance (perms) 35.7 (Method A) Water Vapor Transmission (g/24 . m ²) 249.9	Minimum Permeance (perms) 5 Min. Vapor Transmission 35 (g/24 . m ²)
Pliability	Cold Mandrel Bend	AC38 Section 3.3.4	No cracking	No cracking at 1/16" diameter bend with temperature: 32°F
Air Resistance	Air Permeance	ASTM E 2178	At 75 Pa calculated flow rate: Metric: 0.0062 L/(s.m ²) Standard: 0.0012cft/(min.ft ²)	At 75 Pa calculated flow rate ≤ 0.02 L/(s.m ²)
Fire Resistance	Surface Burning Characteristic	ASTM E 84	Flame Spread Index (FSI) = 5 Smoke Developed Index (SDI) = 190	Flame Spread Index < 100 Smoke Developed Index < 450

FlatWrap HP Dimensions

Roll Width: 5ft
Roll Length: 100ft
Roll Weight: 17 lbs

UV Resistance

180 days

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