



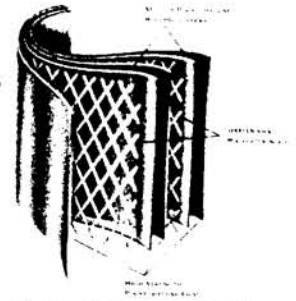
THOR Tarp

DIV. OF **ODIN** INTERNATIONAL, INC.



ThoroShield 1475 Polyester Reinforced 7-Ply Polyethylene

consists of three sheets of high strength polyethylene film laminated together with two layers of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers (white layers) to assure long outdoor life. The white layer is also designed to reduce heat build up and reduce condensation. Two plies of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life.



Properties	Test Method	English		Metric	
Appearance		White/White			
Thickness, Nominal		± 20 mil		0.508 mm	
Weight Per 1000 Sq. ft.		98 lbs.		44.5 kg	
Construction		Double extrusion laminated with scrim reinforcement			
1" Tensile Strength	ASTM D751-89	90 lbs.		400 N	
Elongation at Peak Strength (90 lbs.)	ASTM D751-89	25%		25%	
Elongation at Break	ASTM D751-89	946%		946%	
*Grab Tensile	ASTM D751-89	165 lbs.		734 N	
Trapezoid Tear	ASTM D751-89	104 lbs.		463 N	
Hydrostatic Bursting Point	ASTM D751-89	197 PSI		1358 kPa	
Maximum Use Temperature		180°F		82° C	
Minimum Use Temperature		-70°F		-57° C	
Permeability					
Perm Rating	ASTM E-96, Method A	0.012 US Perms		0.008 Metric Perms	
	ASTM E-96, Method E	0.033 US Perms		0.022 Metric Perms	
WVTR	ASTM E-96, Method A	0.0048 g H ₂ O/100in ² /24 hrs		0.074 g H ₂ O/day/m ²	
	ASTM E-96, Method E	0.062 g H ₂ O/100in ² /24 hrs		0.961 g H ₂ O/day/m ²	

*Average of diagonal directions.

**73°F. 50% R.H.

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