



# THOR Tarp

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



Properties	Test Method	English	Metric
		<b>PolyShield 40 White</b>	
<b>GENERAL</b>			
Appearance			
% Light Transmission	ASTM D 1003		Opaque
Thickness, Nominal		3.5 mil	0.089 mm
Specific Gravity	ASTM D 1505	0.93 g/cm <sup>3</sup>	0.93 g/cm <sup>3</sup>
Weight Per MSF		15.5 lbs.	7.0 kg
*1" Tensile Strength	ASTM D882	7450 psi	51366 kPa
Elongation at Break	ASTM D882	250%	250%
*Grab Tensile	ASTM D751	90 lbf.	400 N
*Tongue Tear	ASTM D751	10 lbf.	45 N
*Trapezoid Tear	ASTM D751	39 lbf.	174 N
Hydrostatic Resistance	ASTM D751	51 psi	352 kPa
Maximum Use Temperature		180°F	82°C
Minimum Use Temperature		-70°F	-57°C
<b>Permeability</b>			
WVTR	ASTM E96 Method A	0.02 g/100 in <sup>2</sup> /day	0.0310 g/m <sup>2</sup> /day
	ASTM E96 Method E	0.094 g/100 in <sup>2</sup> /day	0.1457 g/m <sup>2</sup> /day
Perm Rating	ASTM E96 Method A	0.045 U.S. Perms	0.030 Metric Perms
	ASTM E96 Method E	0.050 U.S. Perms	0.033 Metric Perms
2 Permeability	ASTM D1434	65 cc/100 in <sup>2</sup> /day @ 25°C	1007 cm <sup>3</sup> /m <sup>2</sup> /day

Tests are an average of machine direction and transverse directions

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