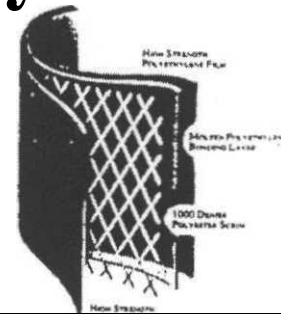


ThoroShield 550 FR

Fire Retardant Polyethylene

consists of two sheets of high strength fire retardant film laminated together with a third layer of molten polyethylene. A heavy polyester scrim reinforcement placed between these plies greatly enhances tear resistant and increases service life. Dura-Skrim's heavy duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.



Properties		Test Method	
		English	Metric
Appearance		Cream Color	
Thickness, Nominal		6 mil	0.152 mm
Weight Per 1000 Sq. ft		29 lbs.	13.154 kg
Construction		Extrusion laminated with scrim reinforcement	
*1" Tensile Strength	ASTM D751-89	54 lbs.	240.20N
Elongation	ASTM D751-89	660%	660%
*Grab Tensile	ASTM D751-89	52 lbs.	231.31N
Trapezoid Tear	ASTM D751-89	48 lbs.	213.51N
Hydrostatic Bursting Point	ASTM D751-89	41 PSI	282.68 kPa
Mullen Burst	ASTM D751-89	90 PSI	620.53 kPa
Maximum Use Temperature		180°F	82.22°C
Minimum Use Temperature		-70°F	-56.67°C
Permeability			
WVTR	ASTM E96-93 **(Procedure A)	0.0226 g H2O/100 in2/24 hrs	0.894 g H2O/m2/24 hrs
Perm Rating	ASTM E96-93 **(Procedure A)	0.0577 U.S. Perms	0.038 Metric Perms
<ul style="list-style-type: none"> Meets <ol style="list-style-type: none"> National Fire Prevention Association 701-89 Large Scale & Small Scale CPAI Spec 84 Section 6 (Tent Floor) CPAI Spec 84 Section 7 (Tent Wall) ASTM E84-91a: Flame Spread Index-0 Smoke Developed Value-5 			

*Average of diagonal directions.

**73°F. 50% R.H.