



THOR Tarp

DIV. OF **ODIN** INTERNATIONAL, INC



ThoroShield 1850 Vinyl Coated Nylon

<u>PROPERTY</u>		<u>TEST METHOD(S)</u>	<u>VALUE</u>
Standard Weight		ASTM D 1910-75	18 oz/yd ²
		FED STD 191; Method 5041	125 #/msf
Thickness		ASTM D 2103	21 mils (0.001")
		FED STD 191; Method 5030	
Tensile Strength (3" Grab)	MD	ASTM D 882, D 638	210 #/inch width
	TD	FED STD 406; Method 1013 ASTM D 1682-75 FED STD 191; Method 5100	205 #/inch width 10,000 psi 9762 psi
Elongation	MD	ASTM D 882-75B	90 %
	TD	FED STD 406; Method 1013	105 %
Tear Strength (Hook)	MD	ASTM D 2582	210 psi
	TD	FED STD 406; Method 1121	250 psi
Tear Strength (PPT)	MD	ASTM D 1424-75	9526 grams
	TD	ASTM D 2261-71 FED STD 191; Method 5134	9980 grams
Impact Strength (Mullen Burst) (Dart)		ASTM D 746; D 751-73	350 psi 1890 grams
		ASTM D 774; D 3786	
		ASTM D 1709-75; Method B	
Life Expectancy (Temperature Range)		FED STD 191; Method 5804	66 - 80 months -40°F to +175°F
		ASTM D 1693; D 746	
Abrasion Resistance (Taber & Flex)		ASTM D 1175-71; D 671-76	510 cycles
		FED STD 191; Method 5304	
		FED STD 406; Method 1091	
Seam Strength	(Peel)	FED STD 91; Method 5970	12.0 psi
	(Shear)	ASTM D 1708	101 %
Bacterial Resistance		ANSI/ASTM G 22-76	Inert; No Loss
Fungi Resistance		ANSI/ASTM G 21-70;75	Inert; No Loss

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