

## Fire Resistant Tarp and Recreation Material

# 3818 FRLTC

## Coated Polyester Material

Physical Property	Test Method	Imperial	Metric
Base Fabric	type	Polyester	
Base Fabric Weight	ASTM D751 Nominal	5.0 oz/ yd <sup>2</sup>	170 g/ m <sup>2</sup>
Weight	ASTM D751	18 oz/ yd <sup>2</sup> +2/-1 oz/ yd <sup>2</sup>	610 g/ m <sup>2</sup> +70/-35 g/ m <sup>2</sup>
Tear Strength	ASTM D751 Tongue Tear - Warp/Fill 8"(200mm)x10"(250mm) @ 12"/min(5mm/sec)	80/80 lbf	355/355 N
Breaking Yield Strength	ASTM D751 Grab Tensile - Warp/Fill	375/325 lbf	1670/1445 N
Strip Tensile	ASTM D 751 Procedure B - Warp/Fill	300/275 lbf/in	2630/2410 N/50mm
Adhesion	ASTM D751 Dielectric Weld	10 lbf/ in	90 N/ 50 mm
Low Temperature Resistance	ASTM D 2136 Low Temperature Bend 1/8" (3.2mm) mandrel, 4 hours	Pass @ -40° F	Pass @ -40° C
Hydrostatic Resistance	ASTM D751 Procedure A	500 psi	3.45 MPa
Flame Resistance	<ul style="list-style-type: none"> <li>  ASTM D6413 – 2 second flameout</li> <li>  Registered by California Fire Marshal (No. F-10302)</li> <li>  Meets NFPA 701 method 2</li> <li>  FED-STD-191 Method 5903 – 2 second flameout</li> <li>  ASTM E84 - flame spread index &lt;25, smoke development rating &lt;450</li> <li>  NFPA 286</li> </ul>		

Unless stated otherwise, values presented here represent the minimum expected measurements at the time of manufacture. We believe this information is the best currently available on the subject. We offer it as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge and experience are gained. We make no guarantee of results and assume no obligation or liability whatsoever in connection with this information.