

## Fire Resistant Tarp and Recreation Material

# 3022 FRLTC

## High-Strength Coated Nylon Material

Physical Property	Test Method	Imperial	Metric
Base Fabric	type	Nylon	
Base Fabric Weight	ASTM D751 Nominal	6.0 oz/ yd <sup>2</sup>	203 g/ m <sup>2</sup>
Weight	ASTM D751	22 oz/ yd <sup>2</sup> +2/-1 oz/ yd <sup>2</sup>	746 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)	150/100 lbf	670/445 N
Breaking Yield Strength	ASTM D751 Grab Tensile - Warp/Fill	500/450 lbf	2225/2000 N
Strip Tensile	ASTM D 751 Procedure B - Warp/Fill	400/300 lbf/in	3500/2630 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>  Meets FTMS 191 Method 5903 and ASTM D6413 – 2 second flameout</li> <li>  Registered by California Fire Marshal (No. F-101374)</li> <li>  Meets NFPA 701 method 2 and UL 214</li> <li>  Meets requirements of Federal Aviation Regulations Part 25 App. F Part I(a)(1)(ii), as required by FAR 25.853(a)</li> <li>  Class A Wall and Ceiling Finish per NFPA 101 Sec. 6-5.3 (Flame Spread Index = 20, Smoke Developed Value = 180 when tested according to ASTM E84)</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.