

## Tarp and Recreation Material

# 3022 MFRLTC/LTA

### High-Strength Coated Nylon Material

| Physical Property          | Test Method   | Imperial  | Metric   |
|----------------------------|---|---|--|
| Base Fabric                | type  | Nylon   |  |
| Base Fabric Weight         | ASTM D751<br>Nominal  | 6.0 oz/ yd <sup>2</sup>                             | 203 g/ m <sup>2</sup>                              |
| Weight                     | ASTM D751   | 22 oz/ yd <sup>2</sup><br>+2/-1 oz/ yd <sup>2</sup> | 746 g/ m <sup>2</sup><br>+70/-35 g/ m <sup>2</sup> |
| Tear Strength              | ASTM D751<br>Tongue Tear - Warp/Fill<br>8"(200mm)x10"(250mm) @ 12"/min(5mm/sec) | 150/150 lbf   | 668/668 N  |
| Breaking Yield Strength    | ASTM D751<br>Grab Tensile - Warp/Fill   | 500/500 lbf   | 2225/2225 N  |
| Strip Tensile              | ASTM D 751<br>Procedure B - Warp/Fill   | 400/325 lbf/in                                      | 3500/2850 N/50mm                                   |
| Adhesion                   | ASTM D751<br>Dielectric Weld  | 10 lbf/ in  | 90 N/ 50 mm  |
| Low Temperature Resistance | ASTM D 2136<br>Low Temperature Bend<br>1/8" (3.2mm) mandrel, 4 hours            | LTC<br>LTA<br>Pass @ -40° F<br>Pass @ -67° F        | Pass @ -40° C<br>Pass @ -55° C                     |
| Hydrostatic Resistance     | ASTM D751<br>Procedure A  | 500 psi   | 3.45 MPa   |
| Flame Resistance           | ASTM D5132<br>Horizontal Burning Rate   | 6 in/minute (max)                                   | 152 mm/minute (max)                                |

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.