

## FABRIC SPECIFICATIONS

### V 650-18 oz. FR

This material is a vinyl coated polyester fabric, which has been designed for membrane structures, where high tensile and tear strength, adhesion and weather resistance are required. Because of its polyester base fibre and weave design, this fabric has exceptional stability under load, minimum stretch and shrinkage over a wide range of temperatures and humidity conditions. The base fibres will rope up to prevent progressive damage from accidental tears and punctures.

<u>PROPERTIES</u>	<u>STANDARD</u>	<u>METRIC</u>	<u>TEST METHOD</u>
Base Fabric	1000 Denier Polyester	1000 Denier Polyester	
Construction	18 f/in x 18 f/in	7 f/cm x 7 f/cm	
Color	Assorted		Visual
Weight	18 oz. ± 1.0 oz./yd <sup>2</sup>	610 g / m <sup>2</sup>	
Trapezoid Tear	60 x 50 lb.	266 x 222 N	5136
Tongue Tears	Exceeds 100 lb.	Exceeds 444 N.	5134
Grab Tensile (warp & fill)	425 x 400 lb.	1887 x 1776 N	5100
Flame Resistance	Self Extinguishing		Meets NFPA 701 Large Scale
Adhesion	15 lbs. / in.	67 N	In House (Force/2 cm)
Cold Crack	-67° F	- 55° C	5874

\*All values are minimums except where otherwise noted.