

Distributed by:



Style 9832 XR5<sup>®</sup> G Specifications

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight	7.5 oz/yd <sup>2</sup>	254 g/m²
Thickness	36 mil <i>nominal</i>	0.914 mm <i>nominal</i>
Finished Coated Weight	32.0 oz/yd²	1085 g/m²
ASTM D751	± 2 oz/yd²	± 70 g/m²
Grab Tensile	650/650 lbs	2892/2892 N
ASTM D751		
Grab Tensile	22/22 %	22/22 %
ASTM D751 % Elongation		
Trap Tear	50/50 lbs	223/223 N
ASTM D4533		
Adhesion	15 lbs/in	13 daN/5 cm
ASTM D751 Dielectric Weld		
Bonded Seam Strength	650 lb <sub>f</sub>	2893 N
ASTM D751 Seam Strength as modified by NSF 54		
Hydrostatic Resistance	800 psi	5.52 MPa
ASTM D751 Procedure A		
Bursting Strength	950 lbs	4228 N
ASTM D751 Ball Tip		
Dead Load	2 in seam, 4 hr, 1 in strip	50 mm seam, 4 hr, 25 mm strip
Room Temperature 160° F/71° C	266 lbs. Pass 133 lbs. Pass	1184 N Pass 592 N Pass
	133 105. Fass	592 IN F855
Low Temperature	1/8 in mandrel, 4 hr	3 mm mandrel, 4 hr
ASTM D2136	Pass @ -30° F	Pass @ -34° C
Blocking Resistance	No. 2 Rating	No. 2 Rating
ASTM D751 180°F/82°C		
Permeability	0.0112 oz/24 hr/ft <sup>2</sup>	
ASTM E96 Procedure BW		
Inverted water method with Kerosene Vapor Transmission	0.3855 oz/24 hr/ft <sup>2</sup>	
ASTM D814	0.3033 02/24 11/1	
Unleaded Gas ASTM D4814 no alcohol		
Coefficient of Thermal	8.0 x10 <sup>-6</sup> in/in/°F	1.4 x 10 <sup>-5</sup> cm/cm/°C
Expansion/Contraction		
ASTM D696		·
Weathering Resistance ASTM G23 (Carbon Arc)	8000 hrs. (minimum) – No appreciable changes or stiffening or cracking of coating	

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. In case of conflict between standard and metric specifications, standard shall apply.

9832 XR5-G February 2014