

**Style 9832 XR5[®] G
Specifications**

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight	7.5 oz/yd ²	254 g/m ²
Thickness	36 mil <i>nominal</i>	0.914 mm <i>nominal</i>
Finished Coated Weight ASTM D751	32.0 oz/yd ² ± 2 oz/yd ²	1085 g/m ² ± 70 g/m ²
Grab Tensile ASTM D751	650/650 lb _f	2892/2892 N
Grab Tensile ASTM D751 % Elongation	22/22 %	22/22 %
Trap Tear ASTM D4533	50/50 lb _f	223/223 N
Adhesion ASTM D751 Dielectric Weld	40 lb _f /2 in	13 daN/5 cm
Bonded Seam Strength ASTM D751 <i>Seam Strength as modified by NSF 54</i>	650 lb _f	2893 N
Hydrostatic Resistance ASTM D751 Procedure A	800 psi	5.52 MPa
Bursting Strength ASTM D751 Ball Tip	950 lb _f	4228 N
Dead Load Room Temperature 160° F/71° C	<i>2 in seam, 4 hr, 1 in strip</i> 266 lb _f Pass 133 lb _f Pass	<i>50 mm seam, 4 hr, 25 mm strip</i> 1184 N Pass 592 N Pass
Low Temperature ASTM D2136	<i>1/8 in mandrel, 4 hr</i> Pass @ -30° F	<i>3 mm mandrel, 4 hr</i> Pass @ -34° C
Blocking Resistance ASTM D751 180°F/82°C	No. 2 Rating	No. 2 Rating
Vapor Transmission ASTM D814 Unleaded Gas ASTM D4814 no alcohol	0.3855 oz/24 hr/ft ²	
Coefficient of Thermal Expansion/Contraction ASTM D696	8.0 x 10 ⁻⁶ in/in/°F	1.4 x 10 ⁻⁵ cm/cm/°C
Permeability ASTM E96 Procedure BW		
-Unleaded Gasoline	3 x 10 ⁻⁴ cm/sec	
-Fuel B	9.18 x 10 ⁻⁴ cm/sec	
-Methanol	3.39 x 10 ⁻⁵ cm/sec	
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.