

## PETROGARD IV

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	7.5 oz/yd <sup>2</sup>	254 g/m <sup>2</sup>
Thickness		
ASTM D751	40 ± 2 mil	1.01 ± 0.05 mm
Weight		
ASTM D751	38 oz/yd <sup>2</sup> ± 2 oz/yd <sup>2</sup>	1289 g/m <sup>2</sup> ± 70 g/m <sup>2</sup>
Trapezoid Tear		
ASTM D4533	50/50 lb	223/223 N
Grab Tensile		
ASTM D751	650/650 lb	2893/2893 N
Strip Tensile		
ASTM D751 Procedure B	485/485 lb/in	425/425 daN/5 cm
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
Adhesion		
ASTM D751 Dielectric Weld	35 lb/2 in	15.5 daN/5 cm
Dead Load		
ASTM D751	<i>2 in. seam, 4 hr, 1 in strip</i> 266 lb @ 7 0° F 133 lb@ 160° F	<i>50 mm seam, 4 hr, 25 mm strip</i> 1184 N @ 21° C 592 N @ 71° C
Bursting Strength		
ASTM D751 (Ball Tip)	800 lb	3560 N
Hydrostatic Resistance		
ASTM D751 Procedure A	800 psi	5.52 MPa
Blocking Resistance		
ASTM D751 <i>180°F/82°C</i>	#2 rating (max.)	# 2 rating (max.)
Weathering Resistance		
ASTM G23 (Carbon-Arc)	8000 hrs (minimum) - No appreciable changes or stiffening or cracking of coating	