

PETROGARD III

	STANDARD	METRIC
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	7.5 oz/yd ²	254 g/m ²
Thickness		
ASTM D751	32 ± 2 mil	0.81 ± 0.05 mm
Weight		
ASTM D751	30 oz/yd ² ± 2 oz/yd ²	1017 g/m ² ± 70 g/m ²
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 @ 70° 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	