

PETROGARD™ X

	Standard	SI Units
Base Fabric Type	Nylon	Nylon
Base Fabric Weight (nominal)	13.0 oz/yd ²	441 g/m ²
Coating Type	Polyester based polyurethane	Polyester based polyurethane
Thickness ASTM D751	38 ± 3 mil 0	.97 ± 0.08 mm
Weight ASTM D751	38oz/yd ² ± 2 oz/yd ²	1221 g/m ² ± 102 g/m ²
Grab Tensile ASTM D751	1100/1100 lb	4895/4895 N
Strip Tensile ASTM D751 Procedure B	775/725 lb/in	679/635 daN/5 cm
Low Temperature ASTM D2136	1/8 in mandrel, 4 hr Pass @ -30° F	3 mm mandrel, 4 hr Pass @ -34° C
Adhesion ASTM D751 Dielectric Weld	20 lb/in 1	7.5 daN/5 cm
Dead Load ASTM D751	2 in. seam, 4 hr, 1 in strip 200 lb @ 70° F 8 100 lb @ 160° F	50 mm seam, 4 hr, 25 mm strip 90 N @ 21° C 445 N @ 71° C
Bursting Strength ASTM D751 (Ball Tip)	1750 lb	7788 N
Hydrostatic Resistance ASTM D751 Procedure A	800 psi	5.52 MPa
Blocking Resistance ASTM D751 180°F/82°C	# 2 rating (max.)	#2 rating (max.)
Weathering Resistance ASTM G23 (Carbon-Arc)	8000 hrs (minimum) - No appreciable changes or stiffening or cracking of coating	
Abrasion Resistance ASTM D3389 H-22 wheel/1000g load	10,000 cycles (minimum) before fabric exposure	