



1940 PTFE
Commercial Specifications for Urethane Coated Fabric

	Standard	Metric
Base Fabric Type	Nylon	Nylon
Base Fabric Weight (nominal)	13.0 oz/yd ²	441 g/m ²
Coating Type	Polyether based polyurethane	Polyether based polyurethane
Finished Coated Weight ASTM D751	40 oz/yd ² ± 3 oz/yd ²	1356 g/m ² ± 102 g/m ²
Thickness ASTM D751	40 mil	1.02 mm
Tongue Tear ASTM D751	8 in x 10 in sample @ 12 in/min 70/50 lb _f	20.3 cm x 25.4 cm sample @ 30.5 cm/min 311/222 N
Strip Tensile ASTM D751 Procedure B	700/600 lb _f /in	613/526 daN/5 cm
Adhesion ASTM D751 Dielectric Weld	50 lb _f /in	44 daN/5 cm
Hydrostatic Resistance ASTM D751 Procedure A	600 psi	4.14 MPa
Bursting Strength ASTM D751 (Ball Tip)	1200 lb _f	5340 N
Low Temperature ASTM D2136	1 in mandrel, 4 hr Pass @ -50° F	3.2mm mandrel, 4 hr Pass @ -46° C
Dead Load ASTM D751	2 in seam, 4 hr, 1 in strip 200 lb _f @ Room Temp. 100 lb _f @ 160° F	5 cm seam, 4 hr, 2.5 cm strip 890 N @ Room Temp. 445 N @ 71° C
Permeability ASTM D814	Contact Seaman Corporation Technical Support for assistance.	

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.

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