Seaman Corporation

1932 PTF - Primary and Secondary Containment of Aromatic Hydrocarbons

1932 PTF	Standard	Metric
Base Fabric Type **Base Fabric Weight (nominal)** **Coating Type**	Nylon 13.0 oz/yd² Polyester based polyurethane	Nylon 441 g/m² Polyester based polyurethane
Finished Coated Weight **ASTM D751**	32 oz/yd² ± 2 oz/yd²	1085 g/m² ±70 g/m²
Thickness **ASTM D751**	35 mil (nominal)	0.89 mm (nominal)
Grab Tensile **ASTM D751**	1000/1000 lb_f (min)	4450/4450 N (min)
Strip Tensile **ASTM D751** **Procedure B**	600/600 lb_f/in (min)	526/526 daN/5 cm (min)
Adhesion **ASTM D751** **Dielectric Weld**	50 lb_f/in (min)	45 daN/5 cm (min)
Hydrostatic Resistance **ASTM D751** **Procedure A**	1500 psi (min)	10.3 MPa (min)
Bursting Strength **ASTM D751** **Ball Tip**	1200 lb_f (min)	5340 N (min)

(More on physical properties on back.)

SAMPLE

GEOMEMBRANE SPECIFICATIONS

1932 PTF	Standard	Metric
Low Temperature **ASTM D2136**	1/8 in mandrel, 4hr Pass @ -50°F	3.2 mm mandrel, 4 hr Pass @ -46°C
Dead Load **ASTM D751** **Pass @**	2 in seam, 4 hr, 1 in strip 250 lb$_f$ @ Room Temp. 125 lb$_f$ @ 160°F	5 cm seam, 4 hr, 2.5 cm strip 1113 N @ Room Temp. 556 N @ 71°C
Abrasion Resistance **ASTM D3389** **H-22 wheel/1000g load**	10,000 cycles (min) before fabric exposure	10,000 cycles (min) before fabric exposure
Permeability **ASTM D814** **Fuel B**	0.05 fl. oz/ft^2/24 hr (max)	15.9 mL/m^2/24 hr (max)

Revised May 2005