Seaman Corporation

8228 ORLTA - Oil Resistant Low Temperature Liner Material

8228	Standard	Metric
Base Fabric Type **Base Fabric Weight (nominal)** **Coating Type**	Polyester 3.0 oz/yd^2 PVC-Nitrile rubber alloy	Polyester 102 g/m^2 PVC-Nitrile rubber alloy
Finished Coated Weight **ASTM D751**	28.0 oz/yd^2 ±2 oz/yd^2	950 g/m^2 ±70 g/m^2
Thickness **ASTM D751**	0.030 in	0.76 mm
Tongue Tear **ASTM D751**	8″ x 10″ sample @ 12 in/min 75/75 lb$_f$	20.3 cm x 25.4 cm sample @30.5 cm/min 334/334 N
Grab Tensile **ASTM D751**	230/200 lb$_f$	1024/890 N
Strip Tensile **ASTM D751** **Procedure B**	200/140 lb$_f$/in	178/125 daN/5 cm
Adhesion **ASTM D751** **Dielectric Weld**	10 lb$_f$/in	9 daN/5 cm
Hydrostatic Resistance **ASTM D751** **Procedure A**	300 psi	2.07 MPa

(More on physical properties on back.)

SAMPLE

GEOMEMBRANE SPECIFICATIONS

1000 VENTURE BLVD. WOOSTER, OHIO 44691 USA, U.S. Toll-Free: Phone 800-927-8578, Fax 800-649-2737
Phone 330-262-1111, Fax 330-263-6950 www.seamancorp.com
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8228	Standard	Metric
Bursting Strength ASTM D751 Ball Tip	150 lb_f	668 N
Low Temperature ASTM D2136 1/8″ mandrel, 4 hr	Pass -60°F	Pass -51°C
Dead Load MIL-T-52983E (modified) Para. 4.5.2.19	2 in seam, 4 hr, 1 in strip 70lb_f @ 70°F 30 lb_f @ 140°F	5 cm seam, 4 hr, 2.5 cm strip 445 N @ 21°C 134 N @ 60°C
Chemical Resistance ASTM D471 7 day immersion	Crude Oil: <5% wt. loss Diesel Fuel: <5% wt. loss	Crude Oil: <5% wt. loss Diesel Fuel: <5% wt. loss

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 the 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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