



NEPTAPE® Data Sheet

Water Blocking Shielding Tapes PERMABLOK™ 926WB

Construction: 0.00035" (9μ) aluminum foil
0.00092" (23μ) polyester film
0.00035" (9μ) aluminum foil
0.00150" (38μ) water swellable coating

Description: Single sided water blocking shielding laminate, typically used as an outer tape shield in CATV burial cable and coaxial communications drop cables. The water blocking action prevents movement of water through the length of the cable, allowing the cable to pass Bellcore Water Penetration Tests (TR-NWT-000421, Sections 5.4.6.1 and 5.4.6.2) for many cable geometries.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0033 inches	84 microns	ASTM D374
Yield	52.1 ft ² /lb 1.60 lbs/mft @ 1" wide	10.7 m ² /kg 0.94 kg/km@ 10mm wide	NEPTCO TM-002
Tensile Strength	10,000 psi	69 MPa	Calculated
Break Strength	30 lbs/in width	53 N/10mm width	ASTM D882
Elongation at Break	127%	127%	ASTM D882
Electrical Resistance	21 Ω/mft@ 1"wide	175 Ω/km@ 10mm wide	Supplier Data
Swell Speed (1min)		0.8 mm	Cup & Ram Test
Swell Height (3min)		0.8 mm	Cup & Ram Test
Gel Strength (unaged)		66 Pa	Slump Test
Time Constant		3.3 sec.	Calculated
Colors	Natural (Clear)		
Splice Type	#10, max. 6/pad or max. 1/1000' for traverse packages		
Standard Pad Put-ups	Core ID - 3" or 6" Pad OD - 12" or 18"		
Standard Traverse Put-Ups	3" x 5.75" x 3.5" - narrow slit material 3" x 11" x 3"		

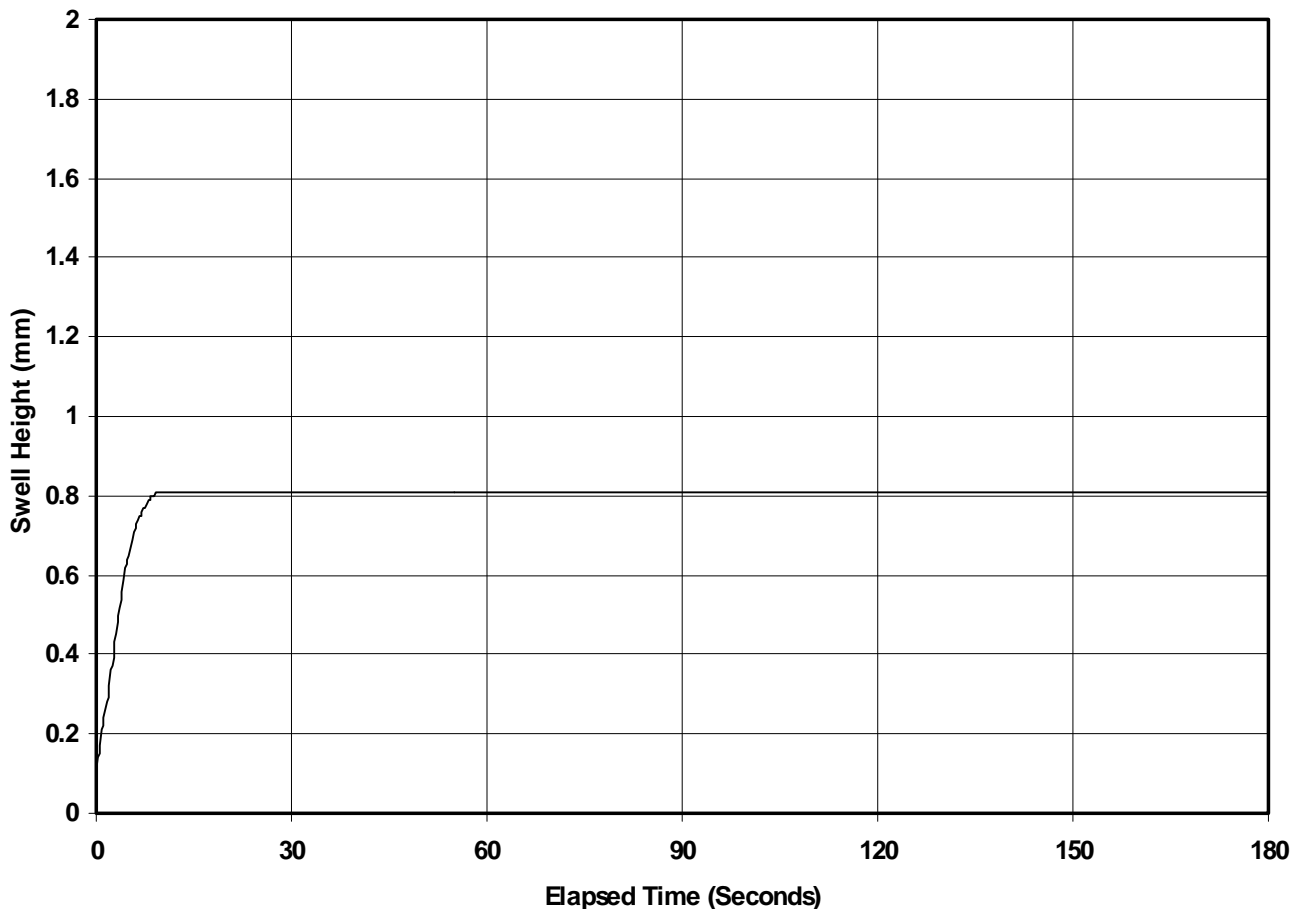
PLEASE SEE REVERSE SIDE FOR SWELL CURVE INFORMATION

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Swell Curve for 926WB in DI Water



*ASTM Test Methods are listed for reference only. Actual testing performed according to modified equipment and conditions. Specific test methods available upon request.

The data presented here is intended for product selection purposes only. Typical properties represent data characteristics of the product, but do not necessarily reflect minimum values during normal testing. Specification data can be provided upon request.