



## Water Blocking Shielding Tapes PERMABLOK™ 926WB4

**Construction:** 0.00240" (61μ) water swellable coating  
 0.00035" (9μ) aluminum foil  
 0.00092" (23μ) polyester film  
 0.00035" (9μ) aluminum foil  
 0.00240" (61μ) water swellable coating

**Description:** Heavy coated two-sided water blocking high tensile strength shielding laminate, typically used as an outer tape shield in CATV burial cable and coaxial communication cables. The water blocking action prevents movement of water through the length of the cable on both sides of the tape. This allows the cable to pass Bellcore Water Penetration Tests (TR-NWT-000421, Sections 5.4.01 and 5.4.6.2) for many cable geometries.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0066 inches	168 microns	ASTM D374
Yield	39.0 ft <sup>2</sup> /lb 2.14 lbs/mft @ 1" wide	8.0 m <sup>2</sup> /kg 1.25 kg/km@10mm wide	NEPTCO TM-002
Tensile Strength	4,200 psi	29 MPa	Calculated
Break Strength	28 lbs/inch width	49 N/10mm width	ASTM D882
Elongation at Break	80%	80%	ASTM D882
Electrical Resistance	21 Ω/mft @ 1" wide	175 Ω/km@10mm	Supplier Data
Swell Speed (1 min)		2.4 mm	Cup and Ram Test
Swell Height (3 min)		2.4 mm	Cup and Ram Test
Gel Strength (unaged)		66 Pa	Slump Test
Time Constant		14.5 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" Core OD - 12" or 18"		
Standard Traverse Put-Ups	3" x 5.75" x 3.5" - narrow slit material 3" x 11" x 3"		

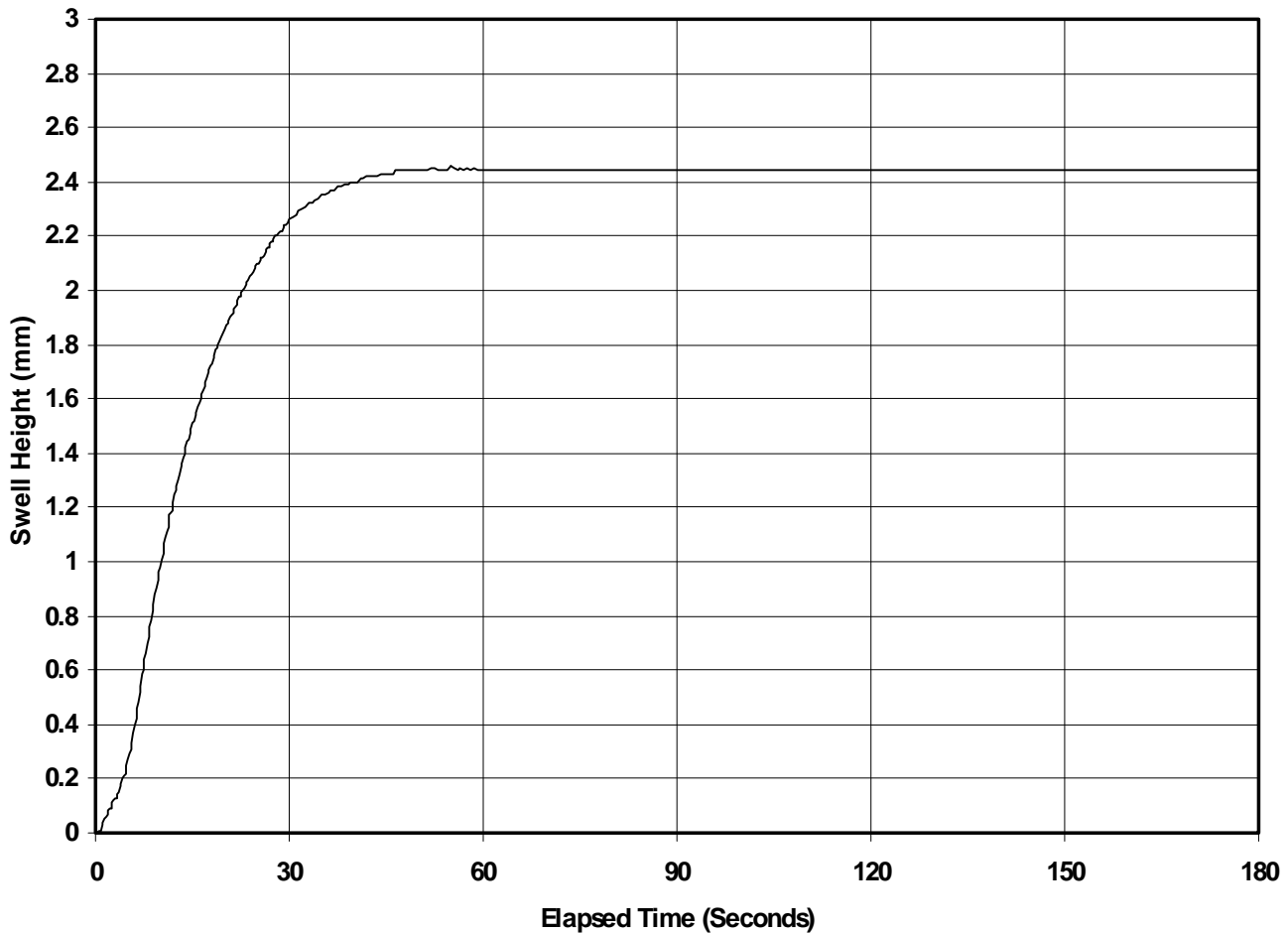
PLEASE SEE REVERSE SIDE FOR SWELL CURVE INFORMATION

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**Swell Cup Test for 926WB4 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.