

POLYGUARD NW-75 MEMBRANE Product Description and Property Data

Polyguard NW-75 membrane is comprised of a rubberized asphalt waterproofing sealant adhesive with a non-woven pavement reinforcing grade polypropylene fabric laminated to the outer surface. A peel-off silicone treated release liner keeps the rubberized asphalt from sticking to the membrane when the roll is rolled up.



PROPERTY	TEST METHOD	Specification Value	Typical Value
Thickness	ASTM D 1000 (test with flat foot)	>63 mils	>65 mils
Tensile Strength	ASTM D 882 (modified)	> 47.5 lbs/inch width	50 lbs/inch width
Puncture Resistance	ASTM E154	> 190 lbs.	200 lbs.
Permeance – Perms	ASTM E 96 (Method B)	< 0.1 perms	0.1 perms
Pliability at low temperatures -25 °F	ASTM D 146 (Modified)	No cracks in fabric or rubberized asphalt	No cracks in fabric or rubberized asphalt
Elongation – rubberized asphalt component	ASTM D 4632	> 400 %	600 %

Polyguard NW-75 membrane is designed for use prior to an asphalt overlay. If placed on joints and cracks of pavement it will not only waterproof but also reduce the extent and severity of reflective cracking. If installed on bridge decks, it acts as a waterproofing membrane, protecting reinforcing steel in the deck from corrosion.

The nonwoven geotextile fabric used as backing on the **NW-75** has an advantage in that its open woven fibers will provide a mechanical bond to the asphalt overlay.