

# NovaSeal® Premium

## ROOF UNDERLAYMENT

# INTERTAPE POLYMER GROUP®

## TECHNICAL DATA SHEET

### DESCRIPTION

NovaSeal® Premium is a superior, synthetic roof underlayment. It is two-side coated, woven polypropylene fabric containing a patented, textured anti-slip surface (US Patent # 7745353).

### FABRIC SPECIFICATIONS

Weave: Woven white PP scrim (UV Stabilized)  
Coating: 1.5 mil/1.2 mil average (35/28 g/m<sup>2</sup>/side)  
Color: Beige/white or other colors available  
Weight: 4.2 oz/yd<sup>2</sup> (142g/m<sup>2</sup>) +/- 5 % (31 lb per roll)  
Thickness: 10 mil (0.25 mm) ASTM D1777

### ROLL SPECIFICATIONS

Cores: 2 inch cardboard  
Width: 48"  
Length: 250 ft/roll (76 m)

These values are typical data and are not intended as limiting specifications.

Other sizes available upon request.



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### PERFORMANCE PROPERTIES

The following data are typical values based on ASTM and other standard tests. These data should not be considered specification.

<b>Grab Tensile</b> ASTM D5034	Warp 170 lb, 756 N / Weft 130 lb, 578 N
<b>Strip Tensile</b> (N/5cm) ASTM D5035	Warp 120 lb/in (1052)/Weft 85 lb/in (745)
<b>Tensile Elongation</b> ASTM D5035	Warp 20% / Weft 20%
<b>Tongue Tear</b> ASTM D2261	Warp 55 lb/in (244) / Weft 50 lb/in (222)
<b>Trapezoidal Tear</b> ASTM D4533	Warp 55 lb/in (244) / Weft 45 lb/in (200)
<b>Mullen Burst</b> ASTM D3786	250 psi / 1725 kPa
<b>Moisture Vapor Transmission</b> ASTM E96	0.06 perms (0.41 g/day-m <sup>2</sup> )
<b>Nail Scalability</b> ASTM D1970	Pass
<b>Pliability</b> ASTM D146	No cracking (Pass)
<b>Water Ponding</b> CAN/CSA A220.1	No dripping (Pass)
<b>Low Temperature Flexibility</b> ASTM D1970	-15°C (5°F) No cracking (Pass)
<b>Puncture</b> T803	5.5 joules
<b>UV Weathering</b>	UV stabilizer added to coating for improved UV resistance
<b>Dart Impact Resistance</b> ASTM D1709, Method B	26.4 oz
<b>Class A Fire Resistance Rating</b> ASTM E108, UL 790, UBC 15-2	

- MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED  
NOA 16.1121.06 exp. February 2, 2022
- FLORIDA BUILDING CODE FL6902
- Meets the requirements of CAN/CSA A220.1
- ICC-ES, AC 188 "Acceptance Criteria for Roof Underlayments". ESR – 2185

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EFFECTIVE: 5/14



**NovaSeal**  
BRAND