

# OUTPOST- TPO 60 mil

## Thermoplastic Polyolefin Membrane

**Product Description:**

Meets or exceeds the requirements of ASTM D 6878  
 Exclusive TPO design has been modified with a Kevlar®-reinforced fastening edge, non-moisture-wicking scrim material for exceptional strength.  
 High-tensile strength and puncture resistance  
 Heat-welded seams provide excellent strength

Physical Properties	Test Method	Results		ASTM D 6878 Requirement
		60 mil		
<b>Thickness</b> Sheet-overall; Across the width of the sheet; Cond. 24h @ 73±4°F & 50±5%RH; Test@ 73±4°F & 50±5%RH;	ASTM D 751			
	in.	0.056		≥ 0.039
	% from specified'	-7		+15,-10
<b>Thickness, in.</b> Coating over fabric or scrim, weather side; Cond. 24h @ 73±4°F & 50±5%RH; Test@ 73±4°F & 50±5%RH;	ASTM D7635	0.025		≥ 0.018
<b>Breaking Strength, lbf</b> 4" x 6" specimens; Grab Method; Cond. 24h@ 73±4°F & 50±5%RH; Test @ 73±4°F & SO ±5%RH; Rate= 12±0.5in./min;	ASTM D 751 Proc. A			
	MD	403		≥ 220
	CMD	373		≥ 220
<b>Elongation at Reinforcement Break,% 4" x 6" specimens;</b> Grab Method; Cond. 24h@ 73±4°F & 50±5%RH; Test@ 73:t4°F & 50:t5%RH; Rate = 12±0.5in./min;	ASTM D 751 Proc. A			
	MD	32		≥ 15
	CMD	31		≥ 15
<b>Tearing Strength, lbf</b> 8" x 8" specimens; Tongue Tear Method; Cond. 24h@ 73 ±4°F & 50±5% RH; Test @ 73±4°F & 50±5%RH; Rate= 2±0.lin./min;	ASTM D 751 Proc. B			
	MD	84		≥ 55
	CMD	126		≥ 55

**Codes and Approvals**

<b>CRRC ID</b>	Model	Color
848-0010	OUTPOST	White
<b>Solar Reflectance:</b>	Initial	3 Year
	.79	.72
<b>Thermal Emittance:</b>	Initial	3 Year
	.87	.87
<b>SRI:</b>	Initial	3 Year
	98	88



OUTPOST 60 mil Specification Data Sheet

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<b>Base Fabric Weight</b>	3.01 oz / yd <sup>2</sup>	102 g / m <sup>2</sup>
<b>Fiber/Style</b>	Polyester - Aramid / Knit	

<b>Thickness, overall</b>	60 (+/- 6) mils	1.52 (+/- 0.01) mm
<b>Thickness, over scrim (min)</b>	15 mils	0.38 mm
<b>Coating Type</b>	TPO	

<b>Properties After Oven Aging</b> (retained)	D573		
Tensile Strength, Grab			90%
Tensile Elongation			90%
Tear Strength			60%
Weight Change			+/- 1%
<b>Puncture Strength</b> (FTMS 101C)	Method 2031	275 lbs	1,220 N
<b>Hydrostatic Resistance</b>	D751A	450 psi	3.1 MPa
<b>Seam Adhesion</b> (thermal)	D751	35 lbs / in	61 N / cm
<b>Abrasion Resistance</b> (H18 / 1 kg)	D3884	2,000 cycles	
<b>Ozone Resistance</b> (no cracks)	D1149	Pass	
<b>Water Absorption</b>	D471	< 1 %	
<b>Dimensional Stability</b> (1 hr / 100°C)	D1204	< 1 %	
<b>Low Temp</b>	D2136	-40°F	-40°C
<b>High Temp, Cont/Interm.</b>	D1204	180 / 200°F	82 / 93°C

**Sizes (White Color):**

78" x 100' roll

39" x 100' roll

120" x 100' roll

Unsupported roll 24" x 60'

**Companion Products:**

35" x 60' Walk Pad Gray 72 mil

Stock and Custom Flashing and Accessories Available

Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available at [conklin.com](http://conklin.com). The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

**Manufacturer:**

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CONKLIN COMPANY INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM ANY CAUSE WHATSOEVER.