

TECHNICAL INFORMATION SHEET

UltraPly™ TPO 8" Reinforced Cover Strip



Item Description

White
Tan
Gray

Item Number

W56TPO3S08
W56TPOTS08
W56TPOGS08

Product Information

Description:

Firestone UltraPly TPO 8" (203.2 mm) Reinforced Cover Strip is a pre-cut 8" (203.2 mm) cover strip made from 60 mil (1.5 mm) thick, reinforced UltraPly TPO membrane. This heat weldable 8" (203.2 mm) Cover Strip can be used as a weldable cover strip for intermediate mechanical attachment on TPO systems as well as stripping in UltraPly TPO XR membrane end laps. UltraPly TPO 8" (203.2 mm) Reinforced Cover Strip is available in white, tan and gray.

Method of Application:

Install the UltraPly TPO 8" (203.2 mm) Cover Strip in accordance with current Firestone UltraPly TPO specifications, details and workmanship requirements.

Storage:

Store material in its original unopened packaging away from sources of physical damage or chemical contamination.

Precautions:

- Exercise caution when lifting, moving, transporting, storing or handling Firestone UltraPly TPO Cover Strip to avoid sources of puncture, physical damage or chemical contamination.
- Contact your Firestone Technical Services Advisor at 1-800-428-4511 for specific recommendations regarding chemical or waste product compatibility with Firestone UltraPly TPO Cover Strips.
- Refer to Safety Data Sheets (SDS) for all applicable components of UltraPly Systems.

Packaging:

2 rolls per Carton, 50' (30.5 m) roll length

LEED® Information:

Post-Consumer Recycled Content: 0%
Post Industrial Recycled Content: 0%
Manufacturing Location: Prescott, AR
*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

Product Data

Property	Value
Material	Thermoplastic Polyolefin (TPO)
Color	White, Tan, Gray

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Typical Properties (Meets or exceeds ASTM D 6878 Specification)

Property	ASTM Standard	Performance Minimum	Typical Performance 60 mil
Overall Thickness	D 751	0.039" (1 mm)	0.060" (1.52 mm) ± 10%
Coating over Scrim	D 7635	0.015" (0.38 mm)	0.021" (0.53 mm)
Breaking Strength	D 751, Grab Method	220 lbf (979 N)	390 lbf (1,735 N)
Elongation of Reinforcement Break	D 751, Grab Method	15%	25%
Tearing Strength	D 751	55 lbf (245 N)	120 lbf (534 N)
Brittleness Point	D 2137	-40 °F (-40 °C)	Pass
Ozone Resistance, No Cracks	D 1149	Pass (No Cracks)	Pass
Properties After Heat Aging (Retained Values) ASTM D 573-5376 h (224 days or 32 weeks) at 240 °F (116 °C)			
Breaking Strength	D 751, Grab Method	90% Minimum	> 90%
Elongation at Break	D 751, Grab Method	90% Minimum	> 90%
Tearing Strength	D 751	60% Minimum	> 60%
Weight of Change		± 1% Maximum	< 1%
Linear Dimension Change	D 1204, 6 h at 158 °F (70 °C)	± 1% Maximum	< 1%
Water Absorption	D 471	± 3% Maximum	< 3%
Weather Resistance, 176 °F (80 °C) Black Panel, no cracking, crazing when wrapped around a 3" (76.2 mm) mandrel and inspected at 7X magnification	G 155	10,800 kJ/m ² Minimum	> 60,000 kJ/m ²
Puncture Resistance	FTM 101C, Method 2031	---	300 (1,300)
Dynamic Puncture Resistance MD	D 5635	---	Pass (40 J)
Dynamic Puncture Resistance CD	D 5635	---	Pass (50 J)
Static Puncture Resistance	D 5602	---	Pass (25 kg)

Please contact Firestone Technical Services Department at 1-800-428-4511 for further information.

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