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**UltraPly™**  
**TPO T-JOINT**  
**COVERS**

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**TECHNICAL INFORMATION**

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## UltraPly™ TPO T-Joint Cover

### 1. Description

Firestone UltraPly™ TPO T-Joint Covers are square pieces with rounded corners of non-reinforced membrane made of flexible thermoplastic polyolefin. They are designed to cover and seal all T-joints formed at seam intersections of UltraPly TPO membranes that exceed 1.2 mm in thickness and at seam angle changes. They can also be used to repair small punctures of the field membrane.



### 2. Preparation

Clean the T-joint area of the field membrane with Firestone Splice Wash or Firestone Cleaner. Take into consideration that the cleaned membrane requires more time to dry when using Splice Wash. Use first a scrubbing device to remove heavy dirt and then a white, clean cotton rag to obtain a completely clean and dry surface.

### 3. Application

Position the UltraPly TPO T-Joint Cover central over the most critical point of capillarity and weld the piece onto the field membrane in accordance with current Firestone UltraPly TPO specifications, details and workmanship requirements. Take into consideration the thickness of the Joint Cover to define proper temperature settings for welding. Avoid overheating of T-Joint Cover and membrane. Allow cooling of all welds prior to probing.

### 4. Coverage

One piece per T-joint.

### 5. Characteristics

#### Physical

- High resistance against UV and ozone
- Flexible at low and high temperatures
- Heat weldable

#### Technical

- |              |  |
|--------------|--|
| • Base       | Thermoplastic Polyolefin (TPO)                         |
| • Color      | White or gray  |
| • Solids     | 100%   |
| • Status     | No reinforcement                                       |
| • Thickness  | 1.5 mm   |
| • Dimensions | 100 mm x 100 mm; with rounded corners (radius 12.7 mm) |

### 6. Packaging / Storage / Shelf life

Packaging	100 pieces per carton
Part number	<ul style="list-style-type: none"><li>• W56TPO3027 (white)</li><li>• W56TPOG027 (gray)</li></ul>

**Storage:** Dry and clean. Store the product in its original unopened packaging away from sources of physical damage or chemical contamination.

**Shelf life:** Unlimited.

### 7. Precautions

Refer to Safety Data Sheets.

This document replaces any other document published previous. This sheet is meant to highlight Firestone product information based on latest knowledge and experience and is subject to change without notice (check the Firestone website for latest document version). Above mentioned values are based on tested samples and may vary within applicable tolerances. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications. No Firestone representative is authorized to vary this disclaimer.

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