

DURO-TECH™ TPO UNSUPPORTED T-JOINT COVER

DESCRIPTION:

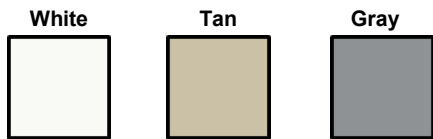
Duro-TECH™ TPO Unsupported T-Joint Covers ("T-Joint Covers") are designed to cover and seal T-joints formed at intersections of three or more layers of TPO membrane.

T-Joint Covers are made from 60-mil (1.52-mm) flexible, non-reinforced, thermoplastic polyolefin ("TPO") membrane. T-Joint Cover dimensions are 4- x 4-inch (102- x 102-mm) with rounded corners.

ORDERING:

T-Joint Covers are packaged and sold in quantities of 100 per carton. Each carton weighs approximately 9 pounds (4.1 kg).

- White (Item #45105TW)
- Tan (Item #45105TB)
- Gray (Item #45105TG)



STORAGE AND HANDLING:

- Keep away from ignition sources.
- Always store in a dry location protected from the elements.
- Store material in its original unopened packaging away from sources of physical damage or chemical contamination.

PRECAUTIONS:

- Keep away from ignition sources.
- Wear proper personal protective equipment, such as gloves and eye protection, per the Safety Data Sheet.



INSTALLATION:

Installation must be completed in compliance with the appropriate Duro-TECH TPO details and specifications.

1. Prepare all affected surfaces to be welded with an approved TPO membrane cleaner, if necessary.
2. Weld the T-Joint Cover over the T-joint with a minimum weld of 1-1/2 inches (40 mm).

PHYSICAL PROPERTIES		
Physical Properties	Test Method	Typical Value
Membrane Thickness	D751	60 mil (1.52 mm) nominal
Tensile Strength	D638	1,780 psi (12.3 MPa)
Elongation at Break	D638	750%
Tearing Strength	D1004 (Die C)	16 lbf (71 N)
Brittleness Point	D2137	-40° F (-40° C)
Properties After Heat Aging (Retained Values) 166 hours at 240° F (116° C)		
Tensile Strength	D638	1,550 psi (10.7 MPa)
Elongation at Break	D638	650%
Tearing Strength	D1004 (Die C)	12 lbf (53 N)