



Thermoplastic Single Ply and Multi-Ply Roofing Systems

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FLEX TPO PLUS PRESSURE-SENSITIVE COVERSTRIP **TECHNICAL DATA SHEET**

GENERAL:

Flex TPO Pressure-Sensitive (PS) Coverstrip is a nominal 40-mils thick non-reinforced TPO membrane laminated to a nominal 35-mil thick, fully cured synthetic rubber pressure sensitive adhesive. Flex TPO Pressure-Sensitive Coverstrip is available in a 6-inch width x 100' long rolls and three membrane colors- white, gray and tan.

Flex TPO Pressure-Sensitive Coverstrip is intended to strip in flat metal flanges (i.e. drip edge or self-flashing curb flanges). **Flex TPO Pressure-Sensitive Coverstrip cannot be used for flashing corners, pipes, T-joints, butt joints on Flex Fleeceback systems or any angled metal flanges such as gravel stops or other canted metal edgings. Flex TPO Pressure-Sensitive Coverstrip cannot be used on 20 year warranted projects.**

TYPICAL PROPERTIES AND CHARACTERISTICS:

Properties	ASTM Test Method	Specification
Tensile Strength, psi (M Pa)	ASTM D412	2,500 (17.2) minimum 2,900 (20.0) typical
Elongation, %	ASTM D412	600 minimum 750 typical
Hardness, Shore A	ASTM D2240	Typical 80

Color	White, Gray, Tan
Base	Membrane- Non-reinforced TPO Adhesive- Synthetic Rubber
Solids	100%
Nominal Thickness	0.075"
Nominal Widths:	
Membrane- 6" Adhesive	6 3/16"
9" Adhesive	9 3/16"
Nominal Length	100 ft.
Nominal Weight Per Roll:	
6" wide	22 lbs.
9" wide	34 lbs.
Packaging: 6" wide	Two Rolls/Carton
9" wide	One Roll/Carton
Shelf Life	1 Year

CAUTIONS AND WARNINGS:

1. **Flex TPO Pressure-Sensitive Coverstrip cannot be used for flashing corners, pipes, T-joints, butt joints on Flex Fleeceback systems or any angled metal flanges such as gravel stops or other canted metal edgings. Flex TPO Pressure-Sensitive Coverstrip cannot be used on 20 year warranted projects.**
2. Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.
3. Prolonged job site storage temperatures in excess of 90°F (32°C) may affect product shelf life.
4. In warm, sunny weather, keep Flex TPO Pressure-Sensitive Coverstrip rolls in their box or in a shaded area until ready to use.
5. Storage and use of Flex TPO Pressure-Sensitive Coverstrip at temperatures below 40°F (4°C) will result in a loss of adhesive tack, and in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the Flex TPO Pressure-Sensitive Coverstrip at a minimum of 60°F (15°C). Hot boxes for job site storage must be provided to maintain a minimum product temperature of 40°F (4°C).
6. Flex TPO Pressure-Sensitive Coverstrip must be stored in a dry area.
7. Due to solvent flash-off, condensation may form on freshly applied Flex TPO Primer when the ambient temperature is near the dew point. If condensation develops, the application of Flex TPO Primer and Flex TPO Pressure-Sensitive Coverstrip must be discontinued since proper adhesion will not be achieved. Allow the surface to dry and apply a thin freshener coat of Flex TPO Primer to the previously coated surface and apply Flex TPO Pressure-Sensitive Coverstrip when conditions allow.
8. Do not allow waste products (petroleum, grease, oil, solvents, vegetable or mineral oil, animal fats, etc.) or direct steam venting to come in contact with the Flex TPO Pressure-Sensitive Coverstrip.

9. **KEEP OUT OF THE REACH OF CHILDREN.**

APPLICATION: **

1. Clean the existing membrane (and metal if applicable) with Flex Weathered Membrane Cleaner and Splice Wipes or other natural fiber rags. A Primer Pad may be necessary to remove a heavy build up of dirt. Pour a small amount of Flex Weathered Cleaner over a primer pad and rub area to be welded in a circular motion. Wipe away residual dirt with splice wipes or natural fiber rags.
2. Roller apply Flex TPO Primer to the area of the membrane to be flashed with a short nap length paint roller. The properly primed area will be uniform in color without streaks and free of globs or puddles.

3. The entire surface where the flashing will be applied must be clean. The adhesive on the back of the Flex TPO Pressure-Sensitive Coverstrip will not adhere to dust or dirty surfaces. Any residual surface contamination will be detrimental to the bond strength of the adhesive.
4. Install Flex TPO Pressure-Sensitive Coverstrip immediately after the flashes off to minimize potential dust contamination and to promote adhesion in colder weather.
5. Peel off 10-12” of the protective release liner from the Flex TPO Pressure-Sensitive Coverstrip. Position the flashing over the area to be covered and press down the exposed tape adhesive using firm, even hand pressure across the entire area. Continue this process until the full area to be flashed is completed. (Flex Cut-Edge Sealant is not required on edges of the Flex TPO Pressure-Sensitive Coverstrip).
6. Immediately roll the Flex TPO Pressure-Sensitive Coverstrip with a 2” wide neoprene roller using positive pressure. Roll across the coverstrip edge, not parallel to it. **In areas where the Flex TPO Pressure-Sensitive Coverstrip crosses a metal joint, a membrane seam (T-joint) or at an end lap use a hot air gun to heat the top surface (TPO membrane) of the Flex TPO Pressure-Sensitive Coverstrip and crease the material into the step-off.** This process reduces the possibility of a water channel forming.
7. To achieve proper adhesion of the Flex TPO Pressure-Sensitive Coverstrip when job site temperatures fall below 40°F (5°C), heat the cleaned/primed area of the membrane with a hot air gun as the flashing is applied and pressed into place.

*General Properties. Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

** REVIEW CURRENT FLEX SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.

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