



TIE-TEX POLYESTER

Waterproof Membrane Reinforcing Fabric

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

TieTex T272 stitch bonded polyester Fabric rolls are designed to provide support and strength to elastomeric waterproof membrane coating applications. **TieTex T272** has high elongation and will conform to most shapes on varied substrates. Although very strong, it retains excellent stretch conformability wall to deck transitions, post and pipe penetrations, drain and flashing details, all vertical transitions requiring reinforcement. In short, **TieTex T272** is used to support Pacific Polymers® “Below Grade”, “Between Slab” and “Full Fabric Reinforced” waterproof membrane systems.

- **TieTex T272** exhibits high resistance to splitting and cracking from thermal shock, low temperatures, freeze/thaw cycles, folding, creasing and rough handling. Unlike fiberglass, it is non-irritating to the skin.
- **TieTex T272** has been successfully used with a variety of Pacific Polymers® membrane systems including Elasto-Deck® BT, Elasto-Deck® BT H20, Elasto-Mat® D&G and others. For best results, follow coating manufacturer’s specifications.

TYPICAL PROPERTIES:

Property	Average Typical Values
Target Weight	3.0 oz./yd ²
Tensile Strength (1” Jaws): ASTM D5034 (lbs. force)	MD: 67 CD: 59
Tensile Strength (2” Jaws): ASTM D5034 (lbs. force)	MD: 124 CD: 77
Max Elongation %: ASTM D5034	MD: 25 CD: 79
Ball Burst: ASTM D3787 (lbs. force)	109
Trapezoid Tear: ASTM D5587 (lbs. force)	MD: 22 CD: 21
Thickness: ASTM D1777	0.018
Base Fabric	100% Polyester
Finished Fabric Content	100% Polyester

*Average machine and cross machine direction

PACKAGING:

- Roll Size: 10.8 squares gross, 10.0 squares net applied (3” single ply overlap)
- Roll Dimensions: 40” wide x 324’ long with lap lines for one and two ply application. (Roll Weight: ~25 lbs. per roll.)
- Area: 1080 net sq. ft. (1000 net sq.ft. with 3” overlap).
- Roll Dimensions: 4” wide x 300’. (Roll Weight: ~2.5 lbs. per roll.)

- Roll Dimensions: 6” wide x 300’. (Roll Weight: ~3.6 lbs. per roll.)

WATER AND ROT RESISTANCE:

TieTex T272 fabric maintains its physical properties when wet and is dimensionally stable during humidity changes. It does not rot. After burial in soil for 5 years, **TieTex T272** retained all of its original properties.

APPLICATIONS:

- **TieTex T272** is typically embedded into a layer of elastomeric membrane 25-30 wet mils in thickness applied to the desired area. Fabric must be placed into the coating without stretching the fabric over surface imperfections. Fabric is then rolled or brushed at 45° angles to eliminate any wrinkles or fishmouths. Another 25-30 wet mils of membrane is rolled or brushed over the fabric. Coating should be feathered out along fabric edges so fabric is totally covered and a smooth transition of the coating to the surface is achieved.

PRIOR TO USE OF THIS MATERIAL,
READ ALL APPROPRIATE SAFETY DATA SHEETS

WARRANTY:

While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

ITWPSNA’s sole warranty is that the product will meet the sales specification at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Complete technical information is available from
ITW Polymers Sealants North America, Inc.