



SILICONE COATING SOLUTIONS

# Technical Product Data

**COMMERCIAL  
GRADE  
POLYESTER  
FABRIC**

## BASIC USES & DESCRIPTION:

Stitchbonded polyester is one of the strongest materials available to the roofing industry for use as reinforcement. Stitch-bonding offers an unusual combination of high strength properties with good elongation for excellent thermal stress force accommodations.

## APPLICATION:

When applying the T272 with Silicone Coating Solutions roof coatings, the substrate must be clean and free of any moisture and debris. Apply the base coat of silicone coating onto the substrate at approximately 10 to 15 mils extending the coating 2" on all sides of the area to receive the fabric. Next, set the T272 fabric in the wet coating ensuring there are no fish-mouths or wrinkles. It is extremely important to fully saturate the **Stitchbonded polyester** fabric from edge to edge. Apply finish coat over polyester at rate of approximately 20 to 30 mils and extending the coating past the edge of the fabric to ensure a watertight condition. Any exposed fibers will wick moisture into the system. An additional coat of silicone may be required under certain conditions. It is crucial that all wrinkles and fish mouths be smoothed out during application. If not, the potential for failure is likely. If wrinkles and fish-mouths are present after material is fully cured out, cut out wrinkle or fish-mouth and re-apply the Stitchbonded polyester as described above.

## ORDERING INFORMATION:

### Product Characteristics

#### As Supplied:

Appearance.....White Tensile

Elongation at Break (ASTM 1682.....WARP 21.3% WEFT 51.3%

Elongation (ASTM D-1682.....61.65

Mullen Burst (ASTM D-3786)..... 176.8 lbs

Trapezoid Tear Strength (ASTM D-1117).... WARP 13.5 lbs WEFT 24.2 lbs

### FABRIC SPECIFICATIONS

Construction.....Stitch-bond Fiber

Content.....100% Polyester Yarn

.....100% Polyester

Thickness......018"

Weight.....3.ounces a yard

\*These averages are the typical averaged results of random tests conducted on this fabric by an independent testing.

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