Product Data Sheet

WFTC17

SPRAYOMER® Elastomers

Waste Fluid Transfer Conduit

www.srcomposites.com

Resin Infusion – Prepreg – Debulks – Bond Fixtures – Bladders – Blankets – Masks

Product Description

A molded silicone strip with a patterned surface for use as a template to create patented WFTC (waste fluid transfer conduits) on a surface of an elastomeric vacuum bag. Reusable WFTC strips essentially transfer a mirror image pattern into the fabricated vacuum bag; this technology is patented and available for use by license only.

WFTC17 is specifically designed to provide a moderate gas flow rate and a low liquid flow rate between the vacuum bag and an underlying mold surface. Waste process gases can be removed without draining off desirable liquids such as resins and or adhesives from within the vacuum bag.

Patented and patent pending WFTC integrated into an elastomeric vacuum bag dramatically reduce setup labor and consumable process waste; WFTC are a key component in making Sprayomer Technology the most effective and sustainable closed molding platform.

WFTC strips are easily cut to length and placed on a working surface prior to applying a liquid elastomer that is subsequently cured or dried into a vacuum membrane. After the membrane is fully formed, WFTC strips are removed and can be saved for reuse.

WFTC strips have excellent chemical and thermal resistance, however, always insure that the particular liquid elastomer used will not stick to the WFTC when cured.

Packaging & Handling

WFTC strips are supplied in 10 ft rolls as shown, 4 rolls per bag. Product may be stored anywhere from -10ºC to 50ºC but should be brought to room temperature before use.

Cleanup & Disposal

WFTC can be cleaned with water, acetone or Isopropyl alcohol, although residual cured elastomers typically peel off. Always follow local regulations for handling waste.

Material Application

Seating WFTC on Working Surface

WFTC strip should be seated on a working surface before building up the elastomer membrane. This is critical on vertical surfaces to prevent slippage. Seat strip by gently embedding it in a thin first layer of the liquid elastomer.

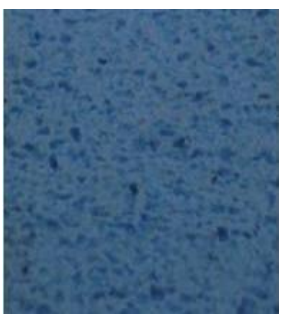
Removing WFTC from Cured Membrane

Once the membrane is cured, pull WFTC strip free starting at one. If WFTC strip is encapsulated in elastomer, careful trimming along the edges with scissors may be required.

Precautions

Please refer to MSDS & SDS for proper safe handling and storage information. Wear personal protective equipment including protective eyewear and gloves. Follow OSHA guidelines for personal protective equipment and operating procedures for specific type of spray equipment being used. Always ground dried/cured membranes to dissipate static charge build up between the membrane and working surface.

Color	Blue
Elongation	>400%
Shore A Hardness	approx. 30
Specific Gravity	1.16
Sustained Exposure	150ºC
Front Surface	Textured
Back Surface	Smooth



SPRAYOMER® Technology
U.S. Patent # 8,916,073, U.S. Patent # 8,672,665,
Australian Patent # AU2008218935, Canadian Patent # 2,679,111,
Other U.S. & International Patents Pending -

Rev. January 2017