10-17
Product Data Sheet

AIR-TIGHT™ FOIL MASTIC SEALANT TAPE

FOSTER® AIR-TIGHT™ TAPE is a fire resistive, pressure sensitive mastic sealant tape for sealing low, medium and high velocity sheet metal and flexible HVAC duct work. It provides an instant water-resistant and air tight seal. It may be used on indoor and outdoor applications.

AIR-TIGHT™ TAPE sealant tape is comprised of a butyl adhesive/sealant with a 2 mil, tear able, aluminum backer for fast and easy application.

AIR-TIGHT™ TAPE sealant tape will meet all SMACNA pressure classes up to 10" w.g. and SMACNA seal classes A, B and C on ducts constructed to SMACNA standards. It has been tested up to 15" w.g. and passed with no sealant blow out.

AIR-TIGHT™ TAPE sealant tape is produced under the classification and follow-up service of Underwriter's Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements.

AIR-TIGHT™ TAPE meets the requirements of:

- SCAQMD Rule 1168 – Sealant

VOC Content: 0 g/l (ASTM D6886) – contains no solvents

LIMITATIONS

Store and apply between 35°F – 100°F (2°C – 38°C).

Do not apply to damp, frosty or contaminated surfaces.

Confirm adhesion with intended substrates prior to application.

Not for structural bonding. Requires mechanical fastening or stabilized joints to prevent substrate movement.

Always ensure water drainage over the laps of the tape. Not for use where submersion or ponded water occurs. Outdoor horizontal surfaces must always drain completely.

PROPERTIES

INDOOR / OUTDOOR

COLOR:
Aluminum with gray butyl adhesive sealant
Printed with UL markings or non-printed

BACKER:
2 mils (0.05 mm) aluminum

THICKNESS:
17 mils (0.43 mm) nominal

STANDARD SIZES:

- 2" x 100 ft Rolls (50 mm x 30.5 m)
- 3" x 100 ft Rolls (75 mm x 30.5 m)
- 4" x 100 ft Rolls (100 mm x 30.5 m)

Other sizes available on special order

PEEL STRENGTH (ASTM D3330):
>10 lbs/inch (1.75 N/mm)

SURFACE BURNING CHARACTERISTICS (ASTM E84):
Flame Spread: 10
Smoke Developed: 25
Tested as applied in two 4 in. wide strips spaced 8 in. on center covering 45 percent of the exposed test sample area.

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Visit us on the web at www.fosterproducts.com

H.B. Fuller Construction Products Inc.

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APPLICATION GUIDE
FOR
FOSTER® AIR-TIGHT™ FOIL MASTIC SEALANT TAPE
10-17

APPLICATION

Apply only to clean, dry, oil-free surfaces. Surfaces must be free of frost and water. Dirt, dust and loose material must be removed prior to application.

Cut tape to desired length, peel off the release liner, and apply to the surface. Overlap ends to ensure a full seal. Press tape firmly to the surface using heavy pressure with a plastic squeegee to smooth wrinkles and ensure complete contact.

Prior to smoothing down, use caution if attempting to reposition the tape as it may tear the foil backer. Once pressed down with the squeegee, removal or repostioning will be very difficult without damaging the tape. If the foil backer is torn, the tape needs to be replaced or repaired by applying additional tape over the top.

Apply in normal, dry working conditions.

TOP COATING

May be top coated with good quality water-based paint suitable for application to aluminum.

GENERAL USE TAPES
SURFACE BURNING CHARACTERISTICS
R41657

Applied to Inorganic Reinforced Cement Board

Flame Spread:	10
Smoke Developed:	25

Tested as applied in two 4” wide strips spaced 8 in. on center covering 45.1% of the total exposed area.

CUSTOMER SERVICE: (833) 849-3700

IMPORTANT: H.B. Fuller Construction Products Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTIBILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser’s sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER’S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

For professional use only.