

# Product Data Sheet



## ASMACO ALU GLASS TAPE

### Product Description:

Premium Aluminum Foil, glass cloth backing with high-performance flame-retardant solvent acrylic adhesive protected by an easy-release silicone release paper. Mainly used for joining & sealing Alum glass laminated fiberglass blankets, duct boards joints & seams, joining & sealing industrial pipes insulations seams & connections.



### Key Performance Properties:

- 10 X 10 Mesh Glass Cloth
- High Temperature heat resistant
- Flame Retardant Tape
- Provides excellent reflection of both heat and light.
- High strength & long life
- Excellent flexibility, easy installation over uneven surfaces
- Can be die-cut into specific sizes or shapes
- High quality adhesive with super strong adhesion and holding power offers reliable and durable facing joints and seams sealing in HVAC ductwork and thermal applications.
- Low moisture vapor transmission rate makes Asmaco Tape an excellent vapor barrier.
- Service Temperature range from -30 ~ +120 °C

### Applications:

Joining & sealing Alum glass laminated fiberglass blankets, duct boards joints & seams, joining & sealing industrial pipes insulations seams & connections.

### Surface Preparation:

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease, oil or other contaminants.

### Instructions:

It is essential that the user evaluate the Asmaco Tape product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on Asmaco Tape product between +10 ~ +40~C (+50 ~ +105 °F).

**ASMACO  
ALU GLASS TAPE**

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## Typical Properties:

Backing Thickness	120 Micron	PSTC-133 / ASTM D 3652
Total Thickness	170 Micron	PSTC-133 / ASTM D 3652
Adhesion to Steel	15 N/25mm	PSTC-101 / ASTM D 3330
Tack Rolling Ball	18 cm	PSTC-6 / ASTM D 3121
Tensile Strength	255 N/25mm	PSTC-131 / ASTM D 3759
Elongation	5.0 %	PSTC-131 / ASTM D 3759
Service Temperature	-30 ~+120 °C	-----
Fire Rating	+25/50 & Class O	UL 723 & BS476 PT. 6 & 7

## Limited Warranty & Limited Remedy:

Your exclusive remedy & Asmaco Tape obligation shall be, at Anchor Allied Factory's option, to replace or repair the product or refund the purchase price of the product.

## Storage and Shelf Life:

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

## Packaging:

ASMACO ALU GLASS TAPE - Various sizes available as per customer requirements

## Shipping Limitations: None

### Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

**Non - Warranty:** Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.



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SILICONE SEALANTS • WATERPROOFING COATINGS • PU SEALANTS • POLYSULPHIDE SEALANTS • ACRYLIC & DUCT SEALANTS  
POLYURETHANE FOAM • SPRAY PAINT • SILVER CLOTH DUCT TAPE • CREPE PAPER MASKING TAPE • ALUMINIUM FOIL TAPE  
P.E. PROTECTION TAPE • PVC PIPE WRAP TAPE • CONTACT ADHESIVE • EPOXY STEEL • PVC CEMENTS • SUPER GLUE

## PRODUCT DATA SHEET

### ALUMINUM FOIL TAPE

#### PRODUCT DESCRIPTION:

A 25 micron (1.0 mil) high tensile strength aluminum foil backing, combined with a high performance synthetic rubber-resin adhesive, protected by an easy-release silicone release paper.

#### FEATURES:

- Aluminum backing provides excellent reflection of both heat and light.
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Foil-Scrim-Kraft Facing joints and seams sealing in HVAC ductwork application,
- Low moisture vapor transmission rate makes **ASMACO Tape** an excellent vapor barrier.
- Service Temperature range from -20° to +80 °C (-4° to +176 °F).

#### TYPICAL PHYSICAL PROPERTIES:

PROPERTIES	METRIC	TEST METHOD
Backing Thickness	25 Micron	PSTC-133 / ASTM D 3652
Total Thickness	65 Micron	PSTC-133 / ASTM D 3652
Adhesion to Steel	25 N/25mm	PSTC-101 / ASTM D 3330
Tack Rolling Ball	20 cm	PSTC-6 / ASTM D 3121
Tensile Strength	45 N/25mm	PSTC-131 / ASTM D 3759
Elongation	3%.	PSTC-131 / ASTM D 3759
Service Temperature	-20 ~ +80 °C	-----
Applying Temperature	+10 ~ 40 °C	-----

## **TYPICAL APPLICATIONS:**

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial applications requiring a tape with these characteristics and benefits.

## **STORAGE & SHELF LIFE:**

One year when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

## **SURFACE PREPARATION:**

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease, oil or other contaminants.

## **PRODUCT USE:**

It is essential that the user evaluate the Asmaco tape product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on the Asmaco **Tape** product between +10 ~ +40°C (+50 ~ +105 °F).

## **LIMITED WARRANTY & LIMITED REMEDY:**

Your exclusive remedy & Asmaco **Tape** obligation shall be, at Anchor Allied Factory's option, to replace or repair the product or refund the purchase price of the product.

### **NOTE**

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## PRODUCT DATA SHEET

### FSK – ALUMINUM FOIL TAPE

#### PRODUCT DESCRIPTION:

3-way Foil-Scrim-Kraft backing, combined with a transparent high performance synthetic rubber-resin adhesive, protected by an easy-release silicone release paper.

#### FEATURES:

- 3-way Foil-Scrim-Kraft backing provides excellent reflection of both heat and light.
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Foil Scrim-Kraft Facing joints and seams sealing in HVAC ductwork application.
- Low moisture vapor transmission rate makes Asmaco **Tape** an excellent vapor barrier.
- Service Temperature range from -20 ~ +80 °C (-4 ~ +176 °F).

#### TYPICAL PHYSICAL PROPERTIES:

PROPERTIES	METRIC	TEST METHOD
Backing Thickness	120 Micron	PSTC-133 / ASTM D 3652
Total Thickness	170 Micron	PSTC-133 / ASTM D 3652
Adhesion to Steel	25 N/25mm	PSTC-101 / ASTM D 3330
Tack Rolling Ball	20 cm	PSTC-6 / ASTM D 3121
Tensile Strength	120 N/25mm	PSTC-131 / ASTM D 3759
Elongation	1.2%.	PSTC-131 / ASTM D 3759
Service Temperature	-20 ~ +80 °C	-----
Applying Temperature	+10 ~ 40 °C	-----

## **TYPICAL APPLICATIONS:**

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

## **STORAGE & SHELF LIFE:**

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

## **SURFACE PREPARATION:**

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease, oil or other contaminants.

## **PRODUCT USE:**

It is essential that the user evaluate the Asmaco **Tape** product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on Asmaco **Tape** product between +10 ~ +40°C (+50 ~ +105 °F).

## **LIMITED WARRANTY & LIMITED REMEDY:**

Your exclusive remedy & Asmaco **Tape** obligation shall be, at Anchor Allied Factory's option, to replace or repair the product or refund the purchase price of the product.

### **NOTE**

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