

# FOAM SEAL

When You Want the Seal to Last®

## Aluma-Seal 723 Technical Data Sheet



### Description

Aluma-Seal 723 is UL 723 classified product cast 52" wide on a 54" aluminum liner. The foam adheres to the aluminum to achieve a material that will conform to irregular surfaces with a protective aluminum barrier. Product is UL listed from 1/16" to 1/4" in thickness with an acrylic PSA.

### Applications

Aluma-Seal 723 is used as an insulator for HVAC plenums, pipes and pans to prevent condensation build-up on surfaces to which it is applied. Aluma-Seal 723 reduces vibration, deadens sound, and seals ductwork, holes and seams in HVAC applications.

### Storage

Product shelf life begins on the date of production as referenced by the lot number. Foam Seal Aluma-Seal 723 has a minimum shelf life of 6 months when stored at or below 75°F.

### Additional Information

Foam Seal believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety.

### Product Specifications

| Parameter           | Test Method | Size Range / Condition             | Specification            |
|---------------------|-------------|------------------------------------|--------------------------|
| Gage (Thickness)    |             | 1/8" - < 3/16"<br>3/16" - 1/4"     | + - 15 %<br>+ - 10 %     |
| Width (Rolls)       |             | 3/16" - < 2" wide<br>2" - 50" wide | + - 1/32"<br>+ - 1/16"   |
| Length              |             | =< 50' long<br>> 50' long          | - 0" + 6"<br>- 1 % + 2 % |
| Density (lbs/cu ft) | ASTM D-1667 |                                    | 6.0 - 9.0                |
| Adhesion            | ASTM D-1000 | Stainless steel                    | 12 oz / in min           |

Specifications based on a sample size of three to five. Testing to these specifications may be dependent on the specific application. Specifications are subject to change without notice.

### Information for Reference Only

| Parameter                                | Test Method | Typical Values |
|--|-------------|----------------|
| Aluminum Liner                           |             | 1.5 - 2.0 mils |
| Hardness "00"                            | ASTM D-2240 | 30             |
| Force to Compress psi @ 25%              | ASTM D-1667 | 3.0            |
| Compression/ Deflection 25% after 60 sec | ASTM D-1667 | 2.0            |
| Service Temperature                      |             | -40C to 78C    |

The information provided in the above table is not intended for use in preparing specifications. Information for reference is intended as a general guideline only. Typical values based on a sample size of three to five

### UL 723 File # R20969

| Parameter              | Flame Spread | Smoke Index |
|------------------------|--------------|-------------|
| PVC Foam Core          | 20           | 100         |
| Foil Faced Foam (slit) | 15           | 45          |

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