

# Aluma-Seal UL 723 Foam Technical Data Sheet



## DESCRIPTION

Aluma-Seal UL 723 Foam is UL 723 classified, closed cell 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 UL 723 Foam 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 UL 723 Foam 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 UL 723 has a minimum shelf life of 6 months when stored at or below 75°F.

## ADDITIONAL INFORMATION

Foam Seal/Novagard 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           | Condition                           | Specification                              |
|---------------------|-------------------------------------|--|
| Gauge (Thickness)   | 1/8" to <3/16"<br>3/16" to 1/4"     | +/- 15%<br>+/- 10%                         |
| Width (Rolls)       | 3/16" to <2" wide<br>2" to 50" wide | +/- 1/32"<br>+/- 1/16"                     |
| Length              | ≤ 50' long<br>> 50' long            | 0" to 6"<br>- 1% to 2%                     |
| Density (lbs/cu ft) |                                     | 6.0 – 9.0                                  |
| Adhesion            | Stainless steel                     | 20 oz / in min<br>Typical value: >30 oz/in |

\*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.

## TYPICAL PROPERTIES

|   | Test Method | Typical Values               |
|---|-------------|------------------------------|
| Aluminum Liner                          |             | 1.5 – 2.0 mils               |
| Hardness (Shore "00")                   | ASTM D2240  | 30 (with aluminum liner)     |
| Force to Compress psi @ 25%             | ASTM D1667  | 1.6 (without aluminum liner) |
| Compression Deflection 25% after 60 sec | ASTM D1667  | 1.0 (without aluminum liner) |
| Service Temperature                     |             | -40°C to 78°C                |

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 and performed within 2 weeks of manufacture.

## UL 723 FILE # R20969

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

