

# Product Data Sheet

## SOUND DAMPENING AND SEALING FOAM Insul-Fab Product Number 680-1468

**680-1468** is a closed-cell, vinyl / nitrile foam tape available in a wide range of thicknesses and widths. It meets Boeing Material Specification (**BMS 8-283H Type I**, **FAR 25.853a** (Vertical / Horizontal Burn Test), and **FAR 25.856a** Amdt 25-111 / App F Part VI (**Radiant Panel Test**) for thicknesses up to .375”.

| Properties                                 | Test Method              | Value            | Units/Notes         |
|--|--------------------------|------------------|---------------------|
| Color                                      |                          | Black            |                     |
| Density                                    | ASTM D 1667              | 4 - 5.5          | lbs/ft <sup>3</sup> |
| Compression Strength @25% Deflection       | ASTM D 1056              | 4 - 6            | lbs/in <sup>2</sup> |
| Compression Set @50% of original thickness | ASTM D 1056<br>Suffix B2 | 25               | % maximum           |
| Tensile Strength                           | ASTM D 412               | 75               | lbs/in <sup>2</sup> |
| Elongation                                 | ASTM D 412               | 100              | % minimum           |
| Tear Resistance                            | ASTM D 412               | 15               | lbs/in              |
| Flammability                               | UL 94 V-0. HF-1          | Pass             |                     |
| Adhesive, Acrylic                          | Weight                   | 0.028 +/- .006   | lb/ft <sup>2</sup>  |
|  | Thickness                | 0.0045 +/- .0005 | in                  |
| Storage Requirement                        | BMS 8-283H               | <75              | °F                  |



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