

## K-25 MF Equipment Liner

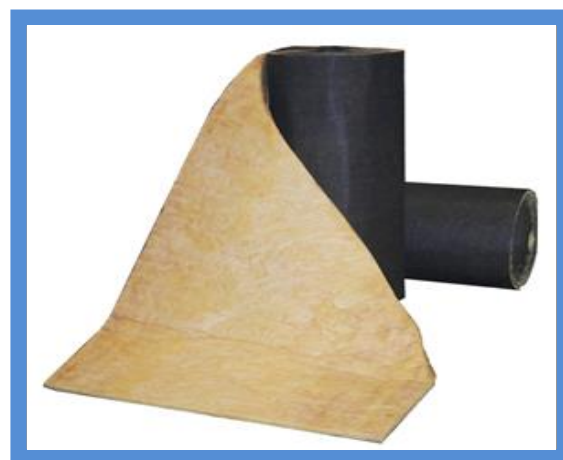
### Description

K-25 Mat Face Equipment Liner is a flexible, resilient, blanket-type fiberglass insulation faced on one side with a durable, nonwoven fiberglass mat. It is a cost effective thermal and acoustical control liner suited for HVAC and other equipment applications.

K-25 Mat Face Equipment Liner's mat face isolates the blanket insulation substrate from the airstream. The black color veils the yellow colored blanket for a clean, consistent finish.

### Key Advantages

- *Durable.* Superior bond strength to rotary products, and certified to 5000 fpm air erosion.
- *Noncombustible.* UL rated 25/50. Labels supplied when requested on order.
- *Non-corrosive.* Does not accelerate corrosion on copper, aluminum or steel.
- *Mold and Moisture resistant.* Does not support fungi or vermin.
- *Ease of Installation.* The flexible nature of the product allows conformance around corners and curved surfaces. It is easy to install with either adhesive systems or mechanical fasteners.
- *Ease of Fabrication.* K-25 Mat Face is readily slit or die cut to provide neat and clean finished parts for liner applications.



#### Thermal Conductivity

| Thickness | k Value | R Value | Density  |
|-----------|---------|---------|----------|
| 1/2"      | 0.24    | 2.1     | 2.00 pcf |
| 5/8"      | 0.24    | 2.6     | 2.00 pcf |
| 3/4"      | 0.24    | 3.1     | 2.00 pcf |
| 1.0"      | 0.25    | 4.0     | 1.50 pcf |
| 1.5"      | 0.25    | 6.0     | 1.50 pcf |
| 2.0"      | 0.25    | 8.0     | 1.50 pcf |

#### Sound Absorption Coefficient

| Thickness | 125  | 250  | 500  | 1000 | 2000 | 4000 | NRC  |
|-----------|------|------|------|------|------|------|------|
| 1/2"      | 0.06 | 0.18 | 0.32 | 0.52 | 0.66 | 0.23 | 0.40 |
| 1"        | 0.16 | 0.36 | 0.57 | 0.90 | 0.90 | 0.95 | 0.70 |



## K-25 MF Equipment Liner

### Technical Data

| Description                     | Results        | Specification    |
|---------------------------------|----------------|------------------|
| Temperature Limit               | 450 °F         | ASTM C411        |
| Surface Burning Characteristics | < 25/50        | ASTM E84, UL 723 |
| Corrosion                       | Meets Standard | ASTM C665        |
| Mold Growth                     | Meets Standard | ASTM C1338       |
| Air Erosion                     | 5000 fpm       | ASTM C1071       |
| Density                         |                | ASTM C167        |
| 1/2" - 3/4"                     | 2.00 pcf       |                  |
| 1.0" - 2.0"                     | 1.50 pcf       |                  |

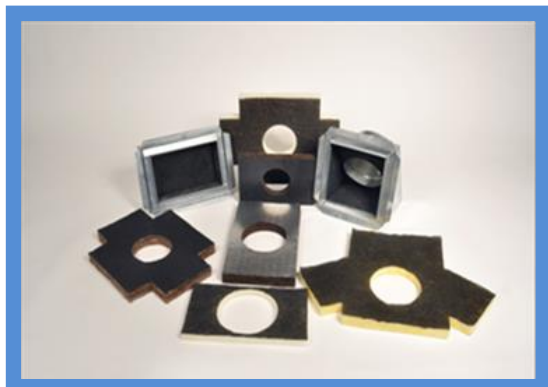
## Quality Materials

Fabricating Services, Inc. uses a textile fiberglass in this product. A textile fiberglass has thicker and longer fibers that result in a much higher bond strength than its rotary counterparts. This produces a stiff, tough product that stands up to difficult environments of handling and cutting.

Our quality substrates are laminated together at industry leading line speeds using a PUR hot melt in a spray laminator. This system allows for efficient production and gives the product's mat-face exceptional strength to perform in high air velocity environments.

## Custom Fabrication

K-25 Mat Face Equipment Liner is available in roll form in a variety of thicknesses from ½" to 2.0" and in widths up to 72". In addition to rolls, Fabricating Services, Inc. can provide specialty cut pieces and shapes to customer specifications using die cutting presses, CNC cutters, slitters and other fabricating techniques.



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Fabricating Services, Inc. can customize K-25 Mat Face Liner to exact customer specifications.