



**H a r c o M a n u f a c t u r i n g C o m p a n y**

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## **HARCO THERMAL EXHAUST BLANKETS**



### **Layer 1: 304 STAINLESS STEEL KNIT MESH:**

Properties:

- 0.008" Wire Diameter
- 60# Density

Maximum Temperature Ratings: 900 Degrees F Continuous/1200 Degrees F Intermittent

### **Layer 2: MAT INSULATION:**

Mat Insulation is processed in such a way as to maximize thermal efficiency. It is incombustible, asbestos free and contains no resinous or inorganic binders. This material has been tested and conforms to Mil-DTL-24244D(SH), USCG Subpart 164.009, ASTM E84 industry standards and NRC 1.36.

Properties:

- 1" Thickness
- Melting Point- 1523 Degrees F
- Maximum Temperature- 1200 Degrees F
- Continuous Temperature- 1000 Degrees F
- Density = 9-11# per Cubic Foot

**Layer 3: 32 OZ. FIBERGLASS/SATIN WEAVE:**

This is a fiberglass base fabric which has been coated with our specially formulated silicone rubber compound. It provides greater abrasion, puncture and tear resistance to our base fiberglass fabric. This heavy duty silicone coated fiberglass fabric provides greater life, water and oil repellency than uncoated fabrics while providing low smoke and flame retardant.

Properties:

- 500 Degrees F Temperature Resistance\*

Tensile Strength:

- Method: FTMS 191A/M5102
- Warp: 500lbs/In Min. Avg.
- Fill: 400lbs/In Min. Avg.

Tear Strength:

- Method: FTMS 191A/M5136
- Warp: 75lbs Min. Avg.
- Fill: 50lbs Min. Avg.

Burst Strength:

- Method: FTMS 191A/M5122(MULLEN)
- 400lbs/Sq In Min. Avg.

Flame Resistance:

- Method: FTMS 191A/M5903.1
- Flame Out (Sec): 1 Second
- Afterglow (Sec): 2.5 Seconds
- Char Length (In): 0.3 Inches Max. Avg.

Hydrostatic Resistance:

- Method: FTMS 191A/M5512 (MULLEN)
- 200LBS/Sq In Min. Avg.

\*Although base fabric is rated to 1000 Degrees F continuous operating temperature, Silicone Coating is rated to 500 Degrees F on a continuous basis.

**THREAD**

- Chemical Family: Glass
- DOT Shipping Name: Glass Fiber