



## COHRIlastic F-12 SILICONE FOAM

### PRODUCT DESCRIPTION

COHRIlastic® F-12 is comprised of flame retardant modified cell silicone foam that offers a lightweight flame retardant barrier. F-12 is often the product of choice in aircraft aerospace, mass transit, and military markets as a light weight fire wall protection blanket. Electronics markets depend on the F-12 for high temperature gasketing.

### APPLICATION ADVANTAGES

- U.L. Guide QMF22 File E57750 Flame Retardant 94, VO.
- Excellent Acoustical Insulation.
- Non Toxic, Low Smoke Generation, Low Flame Spread.
- Excellent Compression Set Resistance.
- Excellent Ozone Resistance.
- Meets Flammability requirements of FAR 25.853 and BSS 7230
- Non-corrosive for use with metals and in hostile environments.

### PHYSICAL PROPERTIES\*

Tensile	(lbs/in.)	25
Elongation	(%)	60
Compression Deflection	(psi)	4.0
Compression Set	(%)	3.0
Thermal Conductivity	(in/hr. ft <sup>2</sup> )	0.42
Temperature Range	(°F)	-60 - +400
Density	(lb/ft <sup>3</sup> )	12
Flame spread index	(ASTM E-162)	11.5
Color		Grey, minimum order, others available

\*All properties are typical values and should not be used for writing specifications.

### AVAILABILITY

F-12 can be purchased in 36" x 36" sheets or as yard goods 36" wide.  
Available Thicknesses 1/16", 1/8", 3/16", 1/4", 3/8", 1/2".  
3/4" and 1" thick available on special order only.

### ®REGISTERED TRADEMARK

**Important Notice To Purchaser:** The following is made in lieu of all warranties, expressed or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product found to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or con-sequential arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and the user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed except by an agreement signed by officers of seller and manufacturer.

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