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# THERMAFIBER SAFING INSULATION (cont'd)

Technical Data	Surface Burning Characteristics (According to ASTM E 84)	Product Designation	Flame Spread	Smoke Developed
		Safing, Regular (Unfaced)	0	0
		Safing (Foil-Faced)	25	0

Products have a class A interior finish rating per NFPA 101, life safety code

## Product Density

Product Designation	Actual Density	Density Tolerance-pcf <sup>(1)</sup>	Minimum Thickness	Application Method
Safing	4.0	-0.5 + 1.0	1"	Safing clips and/or compression fit
Safing	6.0	-0.75 + 2.0	1 1/2"	Safing clips and/or compression fit
Safing	8.0	-1.0 + 2.0	1"	Safing clips and/or compression fit

(1) On packaging weight basis

## Thermal Conductivity and Thermal Resistance (according to ASTM C 518)

Product Designation	Density	"k" @ 75°F BTU in./hr. - sq. ft. - °F	"R" <sup>(1)</sup> value for insulation only
Safing	4.0 pcf	0.25	"R" = 4.0 per inch of thickness
Safing	6.0 pcf	0.24	"R" = 4.16 per inch of thickness
Safing	8.0 pcf	0.23	"R" = 4.3 per inch of thickness

(1) R= thickness divided by "k"

## Product Data

### Standards Compliance

THERMAFIBER Safing Insulation meets the following



- ASTM C 665** - Fed. Specification HH-I-521F-Safing Insulation as Types I and III, Class A, Category 1
- ASTM C 612-00** Fed. Specification HH-I-558b - Safing Insulation as Types IA, IB, and II
- ASTM E 136** Rated noncombustible as defined by NFPA Standard 220 when tested according to ASTM 136
- ASTM E 814 or UL 1479** - Safing insulation used in conjunction with SMOKE SEAL Compound, or other approved material in through-penetration firestop systems
- UL 2079** - Safing insulation used in conjunction with various sealants and caulks in construction joint systems.
- ASTM C 553** - THERMAFIBER Insulations absorb less than 1% moisture by weight and volume. Safing Insulation products are approved by **New York City Board of Standards & Appeals-39-74-SM**



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