

Intek® PFI-1130

Closed cell foam insulation

Intek® PFI-1130 is used in the commercial and defense marine market as a lightweight, non-flammable, non-fibrous thermal hull insulation for submarines and other marine vessels. It can be cut into a variety of shapes and sizes, and specialty facings are available to meet performance and specification requirements.

Certificates*:

- Specified as insulation for Electric Boat / Newport News current submarine programs and by BAE Systems for the Astute Program. DOD-I-24688

*Intek® PFI-1130 may meet additional specifications that are not listed here. Please contact us to determine if it meets your specification, or other requirements.

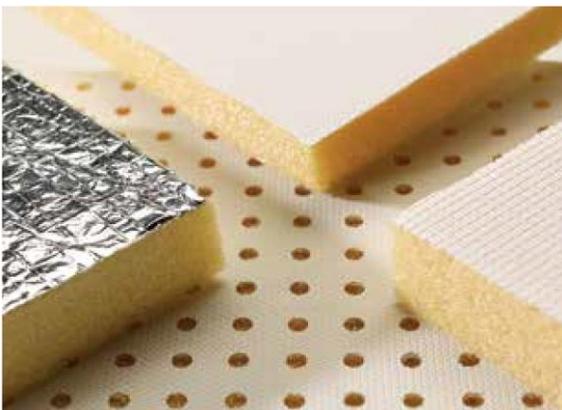
Benefits:

- Superior fire resistance - emits virtually no smoke or incapacitating toxic bi-products when exposed to an open flame. Remains stable in high humidity
- Extremely lightweight - translating into fuel savings and efficiency
- Acoustic and thermal insulation - excellent acoustic absorption and thermal insulation properties
- Easy installation - lightweight, easy to cut and fit, and readily adapt to fabrication with other materials

Applications:

Intek® PFI-1130 closed cell foam insulation is used in a variety of applications including:

- Hull and bulkhead
- Ceiling panels
- Hangar deck
- Beam and duct wrap



Typical Technical Data*

PROPERTIES	UNITS	VALUES	TESTING
Density	lb/ft ³ (kg/m ³)	0.50 (8.0)	ASTM D3574 Test A, ISO 845
Flame Spread Index		≤ 5	ASTM E162
Smoke Developed Index Non-Flaming		3	ASTM E662
Smoke Developed Index Flaming		5	ASTM E662
Noise Reduction Coefficient (NRC) 1 in (25mm)		0.75	ASTM C423 and E795, Mounting A
Max Continuous Use Temperature	°F (°C)	400 (200)	
Thermal Conductivity at 75°F (24°C)	BTU-in/hr-ft ² -°F (W/mK)	0.32 (0.046)	ASTM C518

*The above are typical values subject to normal manufacturing variation.

Contact Us

Trelleborg Applied Technologies delivers innovative and reliable solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.

Tel: +44 (0) 1777 712500

Email: appliedtechnologies@trelleborg.com

