

HT Aerogel Insulation

Product Specification

MSCP’s High Temperature Aerogel is made from gel in which the liquid component of the gel has been replaced by air making it a thin, light and flexible insulation solution. HT Aerogel offers superior thermal performance while being environmentally safe, while being extremely hydrophobic which protects against corrosion under insulation. The HT Aerogel insulation solution is cut easily and very versatile which lends to simple placement and removal making it suitable for a vast array of applications. HT Aerogel insulation does not promote the growth of fungi and bacteria.

Technical information

Data

	C1728
■ Certifications	ASTM C411 & C477
	ASTM C177
	ASTM E84
■ Max Service Temp.	1200°F (650°C)
■ Min Service Temp.	-40°F (-40°C)
■ Thickness	0.20" (5 mm)
	0.39" (10 mm)
	0.59" (15 mm)
	0.79" (20 mm)
■ Width	59" (1.50 m)
■ Length	52.5 ft (16.0 m)
	26.25 ft (8.0 m)
	19.69 ft (6.0 m)
■ Density	10-15 lbs./Cu. Ft.

Insulation “K” Factor

Temperature	10-15 lbs./Cu. Ft.
75°F (25°C)	0.14
100°F (38°C)	0.15
200°F (93°C)	0.16
300°F (149°C)	0.18
400°F (204°C)	0.20
500°F (260°C)	0.22
600°F (316°C)	0.25
700°F (371°C)	0.30

Note :

The insulation “K” factors are in units of BTU*in/(hr*ft²*°F)

This information is given in good faith. Use proper personal protective equipment with using item. Intended for use by skilled persons in the art of fabrication and applying removable/reusable insulation or like products. MSCP recommends testing before use.

HEADQUARTERS:

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