

Cryogenic Aerogel Insulation

Product Specification

MSCP’s Cryogenic Aerogel insulation is made from gel in which the liquid component of the gel has been replaced by air making it a thin, light and flexible insulation solution. Cryogenic Aerogel comes in sheet form that is versatile and cuts easily therefore placement and removal is made simple with less wastage. This insulation solution is hydrophobic, prevents corrosion under insulation, while offering superior thermal performance making Cryogenic Aerogel suitable for various applications. The Dual Temperature / Cryogenic Aerogel insulation does not promote the growth of fungi and bacteria.

Technical information

Data

■ Certifications	ASTM C411
	ASTM C177
	ASTM C1728
	ASTM E84
■ Max Service Temp.	482°F (250°C)
■ Min Service Temp.	-321°F (-196°C)
■ Thickness	0.20" (5 mm)
	0.39" (10 mm)
	0.59" (15 mm)
	0.79" (20 mm)
■ Length	42.65 ft (13.0 m)
	26.25 ft (8.0 m)
	17.06 ft (5.2 m)
	13.13 ft (4.0 m)
■ Width	59" (1.5 m)
■ Density	10-15 lbs./Cu. Ft.

Insulation “K” Factor

Temperature	10-15 lbs./Cu. Ft.
-200°F (-129°C)	0.10
-100°F (-73.3°C)	0.12
0°F (-17.8°C)	0.14
75°F (23.9°C)	0.14
100°F (37.8°C)	0.15
200°F (93.3°C)	0.16
300°F (149°C)	0.17
400°F (204°C)	0.20

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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