

Insulation Products

Product	Nominal Thickness*		Thermal Conductivity†		Density*		Max Use Temperature		Typical Applications
	mm	in	mW/m-K	Btu-in/hr-ft ² -°F	g/cc	lb/ft ³	C	F	
Cryogel® x201	5.0 10.0	0.20 0.40	15.0	0.104	0.13	8.0	200°	390°	Original equipment manufacturer (OEM) and fabricator applications
Cryogel® Z	5.0 10.0	0.20 0.40	15.0	0.104	0.13	8.0	90°	194°	Sub-ambient and cryogenic pipelines, vessels, and equipment
Pyrogel® 2250	2.0	0.08	15.5	0.107	0.17	10.7	200°	390°	Original equipment manufacturer (OEM) and fabricator applications
Pyrogel® 6650	6.0	0.24					650°	1200°	Original equipment manufacturer (OEM) and fabricator applications
Pyrogel® XT	5.0 10.0	0.20 0.40	21.0	0.146	0.18	11.0	650°	1200°	Medium-to-high pressure steam pipes, vessels and equipment; aerospace & defense applications; fire barriers; welding blankets
Pyrogel® XTF (Fire Protection)	10.0	0.40	21.0	0.146	0.18	11.0	650°	1200°	Medium-to-high pressure steam pipes, vessels and equipment; aerospace & defense applications; fire barriers; welding blankets
Spaceloft®	5.0 10.0	0.20 0.40	15.0	0.104	0.15	9.4	200°	390°	Interior/exterior walls, floors, and roofs in commercial, residential, institutional, and modular buildings
Spaceloft® Subsea	5.0	0.20	13.9	0.096	0.13	8.0	200°	390°	Thermal insulation for pipe in pipe (PIP) applications in the major offshore sectors

* Nominal Values

† Thermal conductivity values taken at 100°F (37.5°C) at a compressive load of 2 psi

Information presented herein is typical and representative of material performance. Any and all warranties, either expressed or implied, are disclaimed. All products or materials supplied, including any recommendations or suggestions must be evaluated by the user to determine applicability and suitability for a particular use. Values should not be used directly for specification purposes. Aspen Aerogels, Inc. does not assume any liability for use or misuse of any products produced or supplied.

Surface coated materials are available upon request.

Information presented herein is typical and representative of material performance. Any and all warranties, either expressed or implied, are disclaimed. All products or materials supplied, including any recommendations or suggestions must be evaluated by the user to determine applicability and suitability for a particular use. Values should not be used directly for specification purposes. Aspen Aerogels, Inc. does not assume any liability for use or misuse of any products produced or supplied. This information replaces all previous information. As a result of the constant development of our products, we reserve the right to make alterations to this information without notice.