

Insulation for Original Equipment Manufacturers



Flexible blanket insulation from Aspen Aerogels® meets the unique needs of original equipment manufacturers. Applications include automotive and other transportation, hot and refrigerated appliances, cold storage, electronics, and aerospace.

Benefits of aerogel insulation:

- Up to five times better thermal performance than traditional insulation, consistent for the life of the end product.
- Extremely thin profile, allowing versatile designs and increasing internal volume within tight spaces.
- Easy fabrication such as die-cutting, laminating, composite layering, and other options.
- Aerogels are silica-based, which is essentially sand with no chemical threat to the environment.
- Excellent resistance to flame spread and smoke emission.
- Lighter weight than other insulation materials on an installed basis.
- Aerogels have outstanding resistance to moisture.

See reverse side to find the right product for your application.



						
product	Cryogel x201	Pyrogel 2250	Pyrogel XT	Pyrogel XTF	Pyrogel 6650	
thickness	5 mm, 10 mm	2 mm	5 mm, 10 mm	10 mm	6 mm	
max. use temp.	194°F (90°C)	392°F (200°C)	1200°F (650°C)	1200°F (650°C)	1200°F (650°C)	
		✓	✓	✓		Hot Appliances
	✓					Refrigerated Appliances
		✓	✓	✓		Automotive
		✓	✓	✓		Other Transportation
		✓				Electronics
	✓					Cold Storage
	✓				✓	Aerospace

About Aerogel Insulation

First developed in 1931, aerogel is composed of over 90 percent air, making it a highly effective insulator with the lowest thermal conductivity of any solid. Aspen Aerogels has turned aerogel into an extremely strong, durable, thin, and flexible insulation material that is up to five times more effective than traditional insulation – the ideal choice for a wide range of applications.

