

PIPE & TUBING INSULATION

Flexible Insulation for HVAC & R Applications

ORION professionals are dedicated to the design and production of high quality insulation for all types of industrial and process tubing and pipe. Utilizing Aerocel tube and sheet insulation, ORION can fabricate a wide variety of shapes and assemblies. Aerocel is closed cell and effectively retards the flow of moisture.

Using our custom cutting capabilities, standard shapes such as 90 degree, 45 degree and custom elbows can be fabricated. In addition, tees, and manifolds can be fabricated, as well as tubes with arc interface ends.

Insulation can be fabricated for tubing ranging from 0.375" ID to 6" ID. Standard wall thicknesses are 3/8", 1/2", 3/4", and 1".

Aerocel Pipe Insulation in 3/8", 1/2", 3/4" and 1" thicknesses has a flame spread rating of 25 or less and a smoke developed rating of 50 or less as tested by ASTM E 84 "Surface Burning Characteristics of Building Materials."

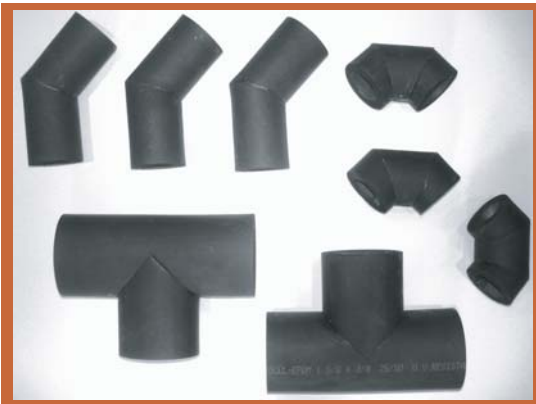
Note: Numerical flammability ratings alone may not define the performance under actual fire conditions. They are provided only for use in the selection of products to meet limits specified.

Key Features

- UV Resistant
- Low Thermal Conductivity: 0.25
- Easy to Install
- 25/50 rated
- Temperature Range : -70F to +257F

Custom Assemblies

ORION is capable of fabricating all tubing sizes into 45 degree elbows, 90 degree elbows, and tees to meet your application needs.



ORION is a registered trademark of Orion Industries Incorporated. Aerocel is a registered trademark of Aeroflex USA, Inc.



Standard Configurations

Pipe Size	Wall Thickness	Suffixes	Part Number
3/8" ID	.375"	45D,90D, T, C	3838(S)
1/2" ID	.375"	45D,90D, T, C	0538(S)
3/4" ID	.375"	45D,90D, T, C	7538(S)
1.0" ID	.375"	45D,90D, T, C	1038(S)
1.5" ID	.375"	45D,90D, T, C	1538(S)
2.0" ID	.75"	45D,90D, T, C	2075(S)
3.0" ID	.75"	45D,90D, T, C	3075(S)
3.5" ID	.75"	45D,90D, T, C	3575(S)
4.5" IN	.75"	45D,90D, T, C	4575(S)

Suffix (S) denotes fabrication choice of 45 degree elbow, 90 degree elbow, Tee, or Custom shape.

Additional combinations of nominal pipe size and wall thicknesses are available upon request.

Die Cut Parts and Sheets

In addition to insulation tubes, ORION fabricates custom die cut parts from sheet stock to suit your application. Parts are available with or without pressure sensitive adhesive.