AEROCEL®-CG

Closed Cell Elastomeric Thermal Insulation for HVAC

Aerocel® CG Tube Insulation is a flexible, closed cell and light weight elastomeric insulation material, designed for insulating warm or cold piping in one and two-family residential construction. Aerocel® CG Tube Insulation is available in 3/8", 1/2", 3/4" and 1" thickness, and popular ID sizes up to 1 1/8". The fine, closed-cell structure of Aerocel® CG Tube Insulation makes it an efficient insulator.

Uses

Aerocel® CG Tube Insulation is used to stop energy losses and control condensation drip from cold water plumbing and refrigeration lines in one and two-family residential new construction and renovation work. Aerocel® CG also efficiently reduces energy loss for hot water plumbing and liquid heating piping systems. The recommended temperature usage range for Aerocel® CG Tube Insulation is -40°F to +220°F.

Resistance to Moisture Vapor Flow

The finely-formed, closed-cell structure of Aerocel® CG Tube Insulation effectively retards the flow of moisture vapor, helping avoid problems associated with undesirable condensation formation.

Application

Aerocel® CG Tube Insulation, in unslit tubular form, can be slipped onto piping before it is connected. Aerocel® CG can also be slit lengthwise and snapped over piping that is already connected. Butt joints and all longitudinal seams are to be sealed with Aeroseal contact adhesive.

Key Features

• High R-value
• Easy to install
• 25/50 rated
• Versatile for heating, AC, plumbing
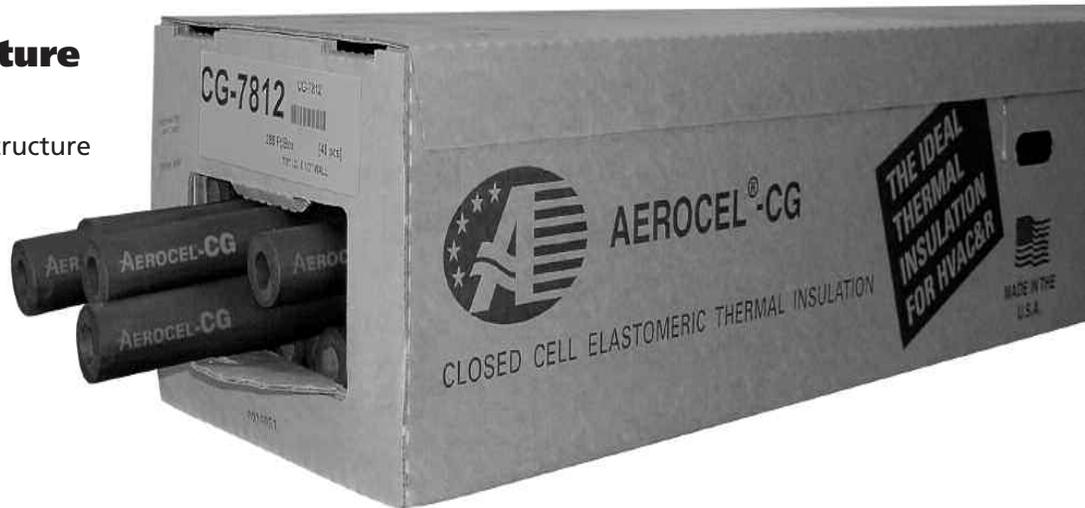
Specifications

PHYSICAL PROPERTIES	RESULT	TEST METHOD
R-Value Per Inch, 75° Mean Temp.	R-4.1 per inch	ASTM C 177
Service Temperature	-40°F to +220°F	ASTM C 411
U.V. Resistance	Pass	ASTM G 7/G 90
Water Vapor Permeability	Less Than .05 Perm Inch	ASTM E 96
Flame Spread/Smoke Dev.	25/50 or Less	ASTM E 84

AEROCEL GG TUBING INSULATION COMPLIES WITH THE REQUIREMENTS OF INTERNATIONAL RESIDENTIAL CODE 2006 and ASHRAE STANDARD 90.2-2007

AEROCEL GG TUBING INSULATION IS INTENDED FOR ONE AND TWO-FAMILY RESIDENTIAL USE ONLY.