

# Pipe Insulation

## Molded Polystyrene Insulation.

ThermaFoam R-Control molded polystyrene insulation is a cost-effective, durable, and energy efficient solution for pipe insulation applications in the service range of temperatures from -100°F to 165°F. ThermaFoam R-Control insulation is available in standard and custom cut fabricated profiles to meet your pipe insulation project needs.

ThermaFoam R-Control pipe insulation assists with process control, energy conservation, and personal/equipment protection.

- Low k-factors for your insulation needs
- Lightweight with high strength
- No long-term R-value loss or thermal drift
- No CFC, HCFC, HFC, or formaldehyde
- Easy to fabricate
- Superior moisture resistance

## Thermal Conductivity.

THERMAFOAM R-CONTROL		100	130	150	200
25°F	Btu·in/°F·ft <sup>2</sup> ·h (W/°K·m)	0.23 (0.033)	0.22 (0.032)	0.21 (0.030)	0.20 (0.029)
40°F	Btu·in/°F·ft <sup>2</sup> ·h (W/°K·m)	0.24 (0.035)	0.24 (0.034)	0.22 (0.032)	0.21 (0.030)
75°F	Btu·in/°F·ft <sup>2</sup> ·h (W/°K·m)	0.26 (0.037)	0.26 (0.037)	0.24 (0.035)	0.23 (0.033)

<sup>1</sup> See ThermaFoam R-Control insulation TechData for additional properties.

## Proven to meet, or exceed, building codes.

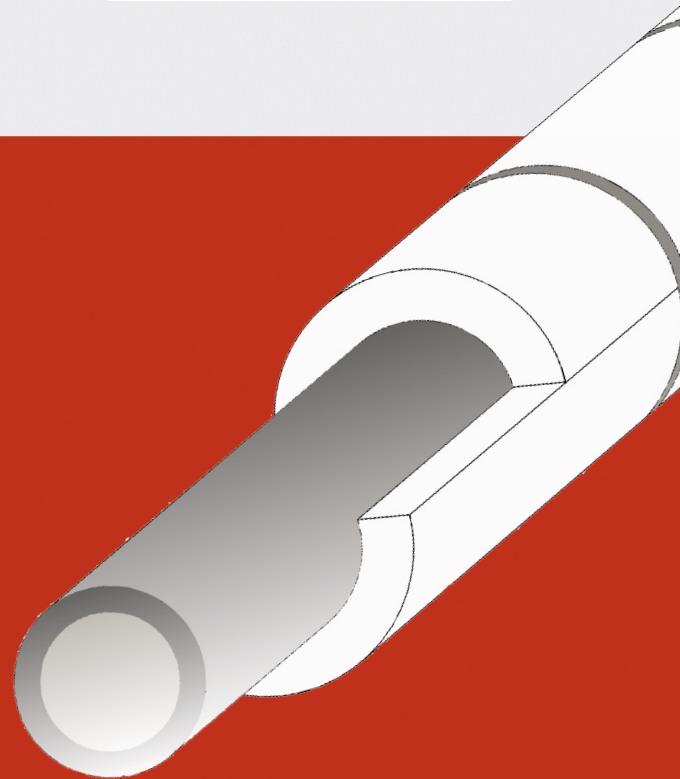
ThermaFoam R-Control is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40338-01. ThermaFoam R-Control meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## Sizes and Shapes.

ThermaFoam R-Control pipe insulation is provided in standard lengths of 36" with custom lengths up to 72". ThermaFoam R-Control insulation thicknesses range from as small as 1/2" up to 12" in double layered applications. Molded polystyrene pipe insulation is provided in two symmetrical half sections with a butt joint standard or an optional tongue and groove joint.

**THERMAFOAM**  
**R-CONTROL**



## FOAM FACTS:

**ThermaFoam R-Control Pipe Insulation outperforms other pipe insulations.**

- ThermaFoam R-Control can easily vary strength, thickness, and size to meet project R-values
- ThermaFoam R-Control can easily be fabricated for any pipe size
- Available with butt joints or an optional tongue and groove joint

### Specifications and Installation Guidelines.

ThermaFoam R-Control insulation is well suited for applications involving the insulation of pipelines carrying fluids within the temperature range of -100°F to 165°F. ThermaFoam R-Control insulation should be covered to protect against UV exposure.

Low temperature pipelines are susceptible to water vapor condensation on the surface of insulating materials. Water condensation on the surface of all insulations should be avoided. Proper design will prevent premature failures and results of lost insulation efficiency. In order to achieve optimum performance, a vapor barrier or jacketing is always necessary on the outer surface of all low temperature application.

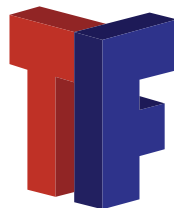
### Recyclable.

After it's life as a pipe insulation, ThermaFoam R-Control is 100% recyclable. It can be ground into granules and reincorporated into new ThermaFoam R-Control products or it can be thermally processed into a resin that's used to manufacture other new products.

### Ready to take control? Start here.

If you're ready to have ThermaFoam R-Control contribute to your next project, just contact your ThermaFoam Technical Sales Representative. They will be happy to give you design consultation, information about ThermaFoam R-Control products, pricing, and answers to all of your questions.

**NEED INFORMATION OR A QUOTE**



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