

Product Specifications

PRODUCT FEATURES

- For HVAC and Plumbing Industrial, Commercial and Residential Use
- Made of a Proprietary Form of Closed Cell Polyolefin
- Available in a Wide Range of Inside Diameters and Wall Thicknesses
- Self-Seal, Full-Slit and Half-Slit Available
- Cost Effective
- Completely Recyclable
- High Tear Resistance and Elongation
- More Flexible than Standard Polyethylene
- Flexible Year-Round Pipe Protection from Freezing and Condensation
- Resistant to Mold Growth
- Non-Porous
- Fiber-Free
- Very Low Water Vapor Permeability - No Additional Vapor Barriers Required
- Manufactured without CFCS, HCFCs, HFCS, PBDEs and Formaldehyde
- Indoor Air Quality: Low VOC, Fiber-Free, Non-Particulating, Formaldehyde-Free



Properties	Values
Maximum Use Temperature	220 F (104 C)
Minimum Use Temperature	-297 F (-183 C)
Density	1.2 to 2.0 PCF Nominal
Flame/Smoke	Less than 25/50 (ASTM E-84)
	Up to 1" wall thickness (coated)
	Passes MVSS302
Color	Black/Grey/White
Compressive Strength @ 25%	3.5-5 PSI
Tensile Strength	30 PSI
Elongation	150%
Thermal Stability	Less than 3% Linear shrinkage
Odor Emission	No objectionable odor

InnoTough Hi-Temp Pipe Insulation for HVAC and Plumbing

Foam Pipe Insulation R Values			
ID Nominal	1/2" Wall	3/4" Wall	1" Wall
1/4	4.87	7.50	9.72
3/8	4.35	6.69	8.66
1/2	4.04	6.18	8.14
5/8	3.79	5.79	7.35
3/4	3.67	5.65	7.14
7/8	3.53	5.33	6.80

Compatible with common types of piping — copper, steel, PVC, CPVC, PEX

Approvals, Certifications, Compliances:
 ASTM C 1427, Type 1 (Tubes)
 Plenum Rated
 Conforms to ASHRAE 90.1 Energy Standards
 Building codes conformation:
 International Mechanical Code (IMC)
 International Energy Conservation Code (IECC)
 California title 24 Building Energy Efficiency Standards

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