

Product Specifications



PRODUCT FEATURES

- For Plumbing in Industrial, Commercial and Residential Use
- Made of Closed Cell Flexible Polyolefin
- Available in a Wide Range of Inside Diameters and Wall Thicknesses
- Self-Seal, Slit, Half-Slit and Un-Slit Available
- Cost Effective & Completely Recyclable
- High Tear Resistance, Elongation and Tensile Strength
- Flexible Year-Round Pipe Protection from Freezing and Condensation
- Fiber-Free, Non-Porous & Resistant to Mold Growth
- 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 Insulation

Properties	Values
Maximum Use Temperature	200 F (93 C)
Minimum Use Temperature	-200 F (-129 C)
Density	1.0 to 1.5 PCF Nominal
Flame/Smoke	Less than 25/50 (ASTM E-84) Up to 1 ½" wall thickness Passes MVSS302
Color	Black/Gray/White
Compressive Strength @ 25%	2.0 to 5.0 PSI
Tensile Strength	30 PSI
Elongation	50%
Flexibility	Good
Thermal Stability	Less than 3% Linear shrinkage
Odor Emission	No objectionable odor
Ozone Resistance	Good

Nominal ID	R Value 3/8" Wall	R Value 1/2" Wall	R Value 3/4" Wall	R Value 1" Wall	R Value 1.5" Wall
3/8	2.73	3.85	6.35	9.11	15.22
1/2	2.62	3.66	5.95	8.49	14.12
5/8	2.57	3.54	5.70	8.07	13.35
3/4	2.67	3.60	5.66	7.93	12.95
7/8	2.28	3.15	5.07	7.20	11.94
1	2.36	3.21	4.76	7.13	11.70
1 1/8	2.17	2.98	4.88	6.72	11.10
1 1/4	2.33	3.13	4.56	6.80	11.07
1 3/8	2.11	2.88	4.88	6.41	10.52
1 5/8	2.22	2.97	4.56	6.36	10.29
2	1.84	2.53	4.59	5.66	9.30
1 1/8	2.02	2.71	4.03	5.83	9.42
2 3/8	2.03	2.71	4.20	5.74	9.23
2 5/8	2.05	2.71	4.16	5.68	9.06
2 7/8	2.07	2.72	4.13	5.62	8.93
3 1/8	2.09	2.73	4.12	5.58	8.81
3 1/2	2.10	2.73	4.10	5.52	
3 5/8	2.11	2.74	4.08	5.51	
4 1/8	2.17	2.78	4.09	5.48	
4 1/2	2.21	2.82	4.11	5.47	

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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