



Prodex REFLECTIVE PIPE INSULATION

Polyethylene closed-cell pipe with an aluminum lining

HIGHEST EFFICIENCY FOR AN EXCELLENT PERFORMANCE

ADVANTAGES

- Low thermal conductivity and reflective surface for a better thermal insulation
- Superficial aluminum layer to increase the thermal insulation value by rejecting the radiant heat
- A weatherproof lining that allows placing the material outdoors with no need for extra treatment

MAIN VALUE ADDED

- Total insulation
- Waterproof
- Low water vapor transmission
- UV-rays resistant
- Very flexible product
- Easy to install



DIAMETER AND THICKNESS

Diometers : from 1/4" (6.4 mm) to 1" (25.4 mm) | **Thickness:** from 1/2" (12.7 mm) to 1" (25.4 mm)

*Other dimensions according to special orders



REFLECTIVE PIPE INSULATION REINFORCED WITH A POLYETHYLENE NET		
DIMENSIONS AND TOLERANCES OF THE STANDARD PRODUCT		
THICKNESS: *WALL THICKNESS: 3/8, 1/2, 3/4, 1, 1 1/4 (see note)*	LENGTH: LENGTH: 6 FT ± 1"	WIDTH: INNER DIAMETER: 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1. (see note)
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
FOAM CELL STRUCTURE	CLOSED	-
DENSITY lb/ft3	1,56 - 1,87 lb/ft³	-
WATER RESISTANCE	WATERPROOF	Dir. UEAtc
WATER VAPOR TRANSMISSION	0.09 perms (gr/ft²·h·in.hg)	ASTM E 96
FLAME INDEX	0	ASTM E-84-99
SMOKE DEVELOPMENT	15	ASTM E-84-99
EMITANCE	0.03	ASTM C-1371-98
FUNGI RESISTANCE	NO GROWTH	ASTM C-1338
CORROSIVENESS	PASS	ASTM C-1224
PLIABILITY	NO CRACKING	ASTM C-1224
HUMIDITY RESISTANCE	PASS	ASTM C-1258
BLEEDING AND DELAMINATION	NO BLEEDING NO DELAMINATION	ASTM C-1224
OPERATING TEMPERATURE	-4 °F / 176 °f	ASTM C-1224
THERMAL CONDUCTIVITY	0,25 Btu·in/ft²·h·°F	ASTM C-518

TOLERANCES

- Inner Diameter
 - Upto 5/8" (+ 1/8", -0)
 - from 3/4" to 1-1/2 (+3/16", -0")
 - from 1-5/8 to 2-3/8 (+ 3/4, -0)
- Wall thickness
 - Upto 3/4" (+1/8", -0)
 - 3/4" and up (+ 3/16", -0)
- Length
 - 72" +/- 1"



Business Alliance for Secure Commerce



Comfort in harmony with the environment

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