

Polyethylene Pipe Insulation



General

Tundra Brand Polyethylene Pipe Insulation is a flexible and easy-to-apply tubing product available in Semi-Slit and Self-Sealing styles. It is packaged in cartons that feature the copper tube sizes in bold colour-coded print. The Self-Sealing version has yellow self-seal release liner that is both easy to see and peel.

Tundra Brand Polyethylene Pipe Insulation is sold in all the common sizes required for home plumbing systems, including special fittings for tees and 90° elbows. This chemically inert pipe insulation has a closed-cell structure that allows it to function as an efficient insulator.

Key Features

- Low density
- Easy-to-apply

- Available in Self-Seal or Semi-Slit
- Best for indoor applications such as plumbing, hot water heater lines or in-floor radiant heat
- Best applications where temperature does not exceed 82°C or below -68°C
- Reduces Heat Loss
- Resists Freezing
- Reduces Condensation
- Reduces Plumbing Noise

Uses

Tundra Brand Polyethylene Pipe Insulation is widely used to reduce unwanted heat loss or heat gain, decrease plumbing noise and maximize energy savings. It can be used on hot and cold water lines, refrigeration lines, air conditioning lines and underground lines. This product boasts a broad range of other insulating applications and can be used as a protective cover where necessary.

Tundra Brand Polyethylene Pipe Insulation meets all specifications for both home and industrial applications where the operating temperature is between -90°F and 180°F (-68°C and 82°C).

Tundra Brand Polyethylene Pipe Insulation has a flame spread rating of 25 or less and a smoke developed rating of 50 or less, as tested by ASTM E 84 "Surface Burning Characteristics of Building Materials."

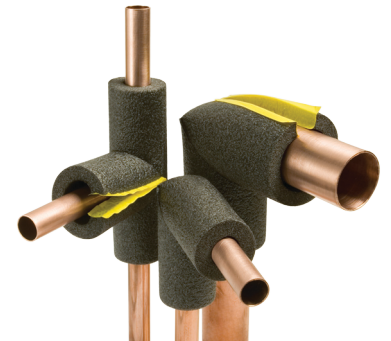
Note: Numerical flammability ratings alone may not define the performance under actual fire conditions. They are provided only for use in the selection of products to ensure the specified limits are met.

Available in 3 and 6 foot lengths. 3' available in bulk or bagged 4 sticks.

All sizes available in 3/8" and 5/8" wide thickness.

Specifications

Physical Properties	TUNDRA	Test Method
Material	Closed Cell Polyolefin	—
Colour	Charcoal	—
Upper Use Limit	180° F (82° C) constant	—
Lower Use Limit	-90° F (-68° C)	—
Density	1.5 lbs/ft ³	ASTM D 1622
Ozone Resistance	Good	ASTM D 1171
Thermal Conductivity (K)	at 75° F (24° C) Mean Temp	ASTM C 177 or C 518
BTU-in/hr-ft ² -°F (W/m-K)	0.230 (0.033)	—
Water Absorption	0.02% by Volume	ASTM E 96
Flame Speed	Less than 25	ASTM E 84; CAN/ULC-S102.2-M88
Smoke Classification	Less than 50	ASTM E 84; CAN/ULC-S102.2-M88



T's and Elbows are available in all sizes.



Tundra Seal Fittings

Note: Self-seal. Colour Coded Packaging. Inches Shown)

Part Number	Nominal ID size	Copper Pipe Nom. ID	Iron Pipe/ PVC Nom. ID	Buy Pack
SEAL FITTINGS (SELF-SEAL)/TEE'S IN SHELF PACK CARTONS (CTN: 14.5" X 7.25" X 6.5") - (3/8" WALL)				
PF38058T5TU0	5/8" ID	1/2"	N/A	16
PF38078T5TU0	7/8" ID	3/4"	3/8"	12
PF38118T5TU0	1-1/8" ID	1"	1/2"	12
PF38138T5TU0	1-3/8" ID	1-1/4"	3/4"	8
ELBOW'S IN SHELF PACK CARTONS (CTN: 14.5" X 7.25" X 6.5") - (3/8" WALL)				
PF38058T2TU0	5/8" ID	1/2"	N/A	32
PF38078T2TU0	7/8" ID	3/4"	3/8"	20
PF38118T2TU0	1-1/8" ID	1"	1/2"	16
PF38138T2TU0	1-3/8" ID	1-1/4"	3/4"	12

Tundra (Semi-Slit)

Note: Semi-slit. Colour Coded Packaging. Inches Shown)

Part Number	Nominal ID size	Copper Pipe Nom. ID	Iron Pipe/ PVC Nom. ID	Buy Pack
3-FT BAGS OF 4 (UNTAPED - SEMI-SLIT) (3/8" WALL)				
PR38058UATU0	5/8" ID	1/2"	3/8"	24
PR38078UATU0	7/8" ID	3/4"	1/2"	18
PR38118UATU0	1-1/8" ID	1"	3/4"	14
PR38138UATU0	1-3/8" ID	1-1/4"	1"	10
3-FT BAGS OF 4 (UNTAPED - SEMI-SLIT) (5/8" WALL)				
PR58058UATU0	5/8" ID	1/2"	3/8"	16
PR58078UATU0	7/8" ID	3/4"	1/2"	12
PR58118UATU0	1-1/8" ID	1"	3/4"	10
PR58138UATU0	1-3/8" ID	1-1/4"	1"	7
3-FT BULK (UNTAPED - SEMI-SLIT) (3/8" WALL)				
PR38058UMTU0	5/8" ID	1/2"	3/8"	100
PR38078UMTU0	7/8" ID	3/4"	1/2"	75
PR38118UMTU0	1-1/8" ID	1"	3/4"	55
PR38138UMTU0	1-3/8" ID	1-1/4"	1"	45
3-FT BULK (UNTAPED - SEMI-SLIT) (5/8" WALL)				
PR58058UMTU0	5/8" ID	1/2"	3/8"	64
PR58078UMTU0	7/8" ID	3/4"	1/2"	52
PR58118UMTU0	1-1/8" ID	1"	3/4"	40
6-FT BULK (UNTAPED - SEMI-SLIT) (3/8" WALL)				
PR38058UWTU0	5/8" ID	1/2"	3/8"	70
PR38078UWTU0	7/8" ID	3/4"	1/2"	50
PR38118UWTU0	1-1/8" ID	1"	3/4"	40
PR38138UWTU0	1-3/8" ID	1-1/4"	1"	32
6-FT BULK (UNTAPED - SEMI-SLIT) (5/8" WALL)				
PR58058UWTU0	5/8" ID	1/2"	3/8"	40
PR58078UWTU0	7/8" ID	3/4"	1/2"	35
PR58118UWTU0	1-1/8" ID	1"	3/4"	25
PR58138UWTU0	1-3/8" ID	1-1/4"	1"	20

Tundra Seal (Self-Seal)

Note: Self-seal. Colour Coded Packaging. Inches Shown)

Part Number	Nominal ID size	Copper Pipe Nom. ID	Iron Pipe/ PVC Nom. ID	Buy Pack
3-FT BAGS OF 4 (SELF-SEAL) (3/8" WALL)				
PR38058TATU0	5/8" ID	1/2"	3/8"	24
PR38078TATU0	7/8" ID	3/4"	1/2"	18
PR38118TATU0	1-1/8" ID	1"	3/4"	14
PR38138TATU0	1-3/8" ID	1-1/4"	1"	10
3-FT BAGS OF 4 (SELF-SEAL) (5/8" WALL)				
PR58058TATU0	5/8" ID	1/2"	3/8"	16
PR58078TATU1	7/8" ID	3/4"	1/2"	12
PR58118TATU0	1-1/8" ID	1"	3/4"	10
PR58138TATU0	1-3/8" ID	1-1/4"	1"	7
3-FT BULK (SELF-SEAL) (3/8" WALL)				
PR38058TMTU0	5/8" ID	1/2"	3/8"	100
PR38078TMTU0	7/8" ID	3/4"	1/2"	75
PR38118TMTU0	1-1/8" ID	1"	3/4"	55
6-FT BULK (SELF-SEAL) (3/8" WALL)				
PR38058TWTU0	5/8" ID	1/2"	3/8"	70
PR38078TWTU0	7/8" ID	3/4"	1/2"	50
PR38118TWTU0	1-1/8" ID	1"	3/4"	40
PR38138TWTU0	1-3/8" ID	1-1/4"	1"	32
6-FT BULK (SELF-SEAL) (5/8" WALL)				
PR58058TWTU0	5/8" ID	1/2"	3/8"	40
PR58078TWTU0	7/8" ID	3/4"	1/2"	35
PR58118TWTU0	1-1/8" ID	1"	3/4"	25
PR58138TWTU0	1-3/8" ID	1-1/4"	1"	20



Tundra Foam products come in easy-to-identify retail packaging.

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