

INSULATION

INSUL-LOCK[®] DS Flexible Closed Cell Pipe Insulation

(INSUL Series)

NEW OPTIONS!

- ▶ Environmentally-friendly, CFC-free, flexible elastomeric thermal insulation
- ▶ Non-porous, fiber-free, and resistant to mold growth
- ▶ Resistant to moisture vapor flow
- ▶ Compatible with heating cable and tapes



Specifications:

Operating temperature range: -70°F to 220°F
(-57°C to 104°C)

R-value: 3

Color: Black

Thickness: 0.5 in (1.3 cm)

Density: 3 to 6 PCF

Water Vapor Permeability:

Dry cup (Elastomeric insulation): 0.03 perm/in

Wet cup (Glued seam with overlap): 0.12 perm/in

Water absorption % (volume change): 0

Applications:

- Self-Regulating heating cable pipe/tube insulation
- Freeze protection
- Prevent condensation on refrigerant lines, cold water plumbing, roof drains, and chilled water systems



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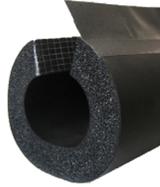
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Ordering Information:

Straight Sections - 1.8 m (6 ft) long

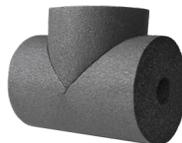
- Easy-to-install with double seal technology
 - Built-in pressure sensitive adhesive
 - Built-in PVC overlap tape with acrylic adhesive
- Scrim reinforcement on the seam surface



90° Elbows

Part No.	Recommended Pipe/Tube O.D. in	Inside Diameter in	Recommended Pipe/Tube O.D. mm	Inside Diameter mm
INSUL78	½ - 5/8	7/8	13 - 16	22
INSUL118	¾ - 7/8	1 1/8	19 - 22	29
INSUL138	1	1 3/8	25	35
INSUL158	1 1/8	1 5/8	29	41
INSUL2	1 3/8	2	35	51
INSUL218	1 5/8	2 1/8	41	54
INSUL238	2	2 3/8	51	60
INSUL258	2 1/8	2 5/8	54	67
INSUL278	2 3/8	2 7/8	60	73
INSUL318	2 5/8	3 1/8	67	79
INSUL312	2 7/8	3 1/2	73	89
INSUL358	3 1/8	3 5/8	79	92
INSUL418	3 1/2	4 1/8	89	105
INSUL412	4	4-1/2	102	114
INSUL558	5	5 5/8	127	143
INSUL658	6	6 5/8	152	168

Part No.	Recommended Pipe/Tube O.D. in	Inside Diameter in	Recommended Pipe/Tube O.D. mm	Inside Diameter mm
INSUL7890	½ - 5/8	7/8	13 - 16	22
INSUL11890	¾ - 7/8	1 1/8	19 - 22	29
INSUL13890	1	1 3/8	25	35
INSUL15890	1 1/8	1 5/8	29	41
INSUL290	1 3/8	2	35	51
INSUL21890	1 5/8	2 1/8	41	54
INSUL23890	2	2 3/8	51	60
INSUL25890	2 1/8	2 5/8	54	67
INSUL27890	2 3/8	2 7/8	60	73
INSUL31890	2 5/8	3 1/8	67	79
INSUL31290	2 7/8	3 1/2	73	89
INSUL35890	3 1/8	3 5/8	79	92
INSUL41890	3 1/2	4 1/8	89	105
INSUL41290	4	4 1/2	102	114
INSUL55890	5	5 5/8	127	143
INSUL65890	6	6 5/8	152	168



Tees

Part No.	Recommended Pipe/Tube O.D. in	Inside Diameter in	Recommended Pipe/Tube O.D. mm	Inside Diameter mm
INSUL78T	½ - 5/8	7/8	13 - 16	22
INSUL118T	¾ - 7/8	1 1/8	19 - 22	29
INSUL138T	1	1 3/8	25	35
INSUL158T	1 1/8	1 5/8	29	41
INSUL2T	1 3/8	2	35	51
INSUL218T	1 5/8	2 1/8	41	54
INSUL238T	2	2 3/8	51	60
INSUL258T	2 1/8	2 5/8	54	67
INSUL278T	2 3/8	2 7/8	60	73
INSUL318T	2 5/8	3 1/8	67	79
INSUL312T	2 7/8	3 1/2	73	89
INSUL358T	3 1/8	3 5/8	79	92
INSUL418T	3 1/2	4 1/8	89	105
INSUL412T	4	4 1/2	102	114
INSUL558T	5	5 5/8	127	143
INSUL658T	6	6 5/8	152	168

Accessories:

Part No.	Description
 RTV3.0	Silicone adhesive sealant used to seal 90° elbows and tees; 3 oz (89 ml)
 AAT25	Aluminum adhesive tape. Used for extra environmental protection; 2.5 in x 180 ft (64 mm x 55 m) roll
 282309	DUCK® duckling duct tape. Seals spaces between multiple pieces of insulation to prevent heat loss; 0.75 in x 15 ft (19 mm x 4.5 m) roll