

THERMAL PIPE INSULATION CLASS 1

“ 5000 PRODUCT WITHOUT CFC ”

1. INSULATION SLEEVES

DESCRIPTION

- Recommended for use where “thermal bridging” should be avoided. This is particularly important in refrigeration and chilled water installation where there is a possibility of condensation taking place.
- Odourless, does not alter taste of food.
- Does not contain components with asbestos, CFC free.
- Very good ageing resistance, non perishable.

SPECIFICATIONS

- Density: **45-80 kg/m³**
- Maximum temperature: **+105°C**
- Minimum temperature: **-40°C**
- Thermal conductivity: λ : **0,035 W/(m.k) at 0°C (EN 12667)**
 λ : **0,039 W/(m.k) at 40°C (EN 12667)**
- Water vapour diffusion factor: **$\mu > 7000$ (DIN 52615/87)**
- Reaction to fire: **B_L – s3, d0 (EN 13501-1)**
Auto extinguishing, does not generate flaming droplets, does not disperse flame.
- Noise reduction: **reduction of 30 dB (DIN 4109)**



For EXT. Ø COPPER TUBING		For EXT. Ø STEEL TUBING			THICKNESS: 9 mm		THICKNESS: 13 mm		THICKNESS: 19 mm		THICKNESS: 32 mm	
mm	inch	mm	inch	nom	PART N° x inter Ø	BOX (m)	PART N° x inter Ø	BOX (m)	PART N° x inter Ø	BOX (m)	PART N° x inter Ø	BOX (m)
6	1/4"				TPI9-006	352						
8	5/16"				TPI9-008	300						
10	3/8"	10,2	1/8"	6	TPI9-010	266	TPI13-010	172				
12	1/2"				TPI9-012	234	TPI13-012	162				
14 - 15	5/8"	13,5	1/4"		TPI9-015	192	TPI13-015	136	TPI20-015	78		
18	3/4"	17,2	3/8"	10	TPI9-018	166	TPI13-018	118	TPI20-018	72	TPI32-018	32
22	7/8"	21,3	1/2"	15	TPI9-022	136	TPI13-022	98	TPI20-022	64	TPI32-022	32
28	1 1/8"	26,9	3/4"	20	TPI9-028	98	TPI13-028	78	TPI20-028	48	TPI32-028	24
35	1 3/8"	33,7	1"	25	TPI9-035	76	TPI13-035	58	TPI20-035	36	TPI32-035	22
42	1 5/8"	42,4	1 1/4"	32	TPI9-042	60	TPI13-042	48	TPI20-042	32	TPI32-042	16
48 - 50	1 7/8"	48,3	1 1/2"	40	TPI9-048	50	TPI13-048	40	TPI20-048	24	TPI32-048	14
54	2 1/8"	54,0			TPI9-054	46	TPI13-054	34	TPI20-054	24	TPI32-054	12
60	2 3/8"	60,3	2"	50	TPI9-060	46	TPI13-060	32	TPI20-060	22	TPI32-060	10
64	2 1/2"	63,5			TPI9-064	46	TPI13-064	30	TPI20-064	18	TPI32-064	10
70	2 3/4"	70,0			TPI9-070	40	TPI13-070	26	TPI20-070	18	TPI32-070	8
76	3"	76,1	2 1/2"	65	TPI9-076	40	TPI13-076	26	TPI20-076	18	TPI32-076	8
89	3 1/2"	88,9	3"	80	TPI9-089	36	TPI13-089	24	TPI20-089	14	TPI32-089	8
102	4"	101,6	3 1/2"		TPI9-102	24	TPI13-102	16	TPI20-102	14		
108	4 1/4"	108,0			TPI9-108	24	TPI13-108	20	TPI20-108	12	TPI32-108	8
114	4 1/2"	114,3	4"	100	TPI9-114	22	TPI13-114	16	TPI20-114	12	TPI32-114	6
125	5"	125,0					TPI13-125	16	TPI20-125	12	TPI32-125	6
139	5 1/2"	139,7	5"	125			TPI13-140	14	TPI20-140	12	TPI32-140	6
159		160,0					TPI13-160	14	TPI20-160	12	TPI32-160	6

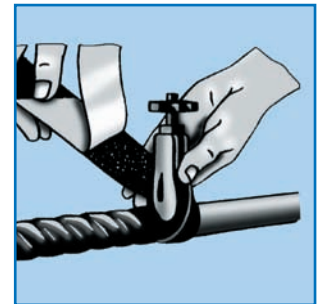
NOTE:

- 1 inch = 25,4 mm
- THICKNESS: TPI9 = 3/8" or 9 mm, TPI13 = 1/2" or 13 mm, TPI20 = 3/4" or 19 mm, TPI32 = 1 1/4" or 32 mm
- UNIT LENGTH FOR EACH SLEEVE: 2 m (2 m = 78,75 inch)
- FOR ORDERING: Mention the PART N° and LENGTH needed (ex.: TPI20-28 / 32ml). (use the "m" box packing mentioned in the above table)

2. ACCESSORIES

SELF ADHESIVE INSULATING TAPE (M1)

PART NUMBER	LENGTH		WIDTH		THICKNESS	
	(m)	(ft)	(mm)	(inch)	(mm)	(inch)
INSUL TAPE	15	49,2	50	2"	3	1/8"



ADHESIVE FOR INSULATING MATERIALS

GL-050	CAN of 0,5 litre (0,132 gallon) delivered with a brush
GL-250	CAN of 2,50 litre (0,660 gallon)

- Neoprene rubber and synthetic resin. Density: **0,85**
- Flash point: **+4°C (+39°F)**. Stocking time: 1 year approx.
- Minimum temperature for adhesion: **+5°C (+41°F)**
- Gluing made with 1 litre (0,26 US gallon):
 - For 9 mm sleeves: **180** to **210 m** (590/690 ft)
 - For 13 mm sleeves: **130** to **150 m** (426/490 ft)
 - For 20 mm sleeves: **80** to **110 m** (260/360 ft)
 - For 32 mm sleeves: **50** to **60 m** (160/190 ft)
 - For all sheets: **4** to **5 m²** (43/53 sq.ft.)
- Drying delay: 30 minutes for touching, 12 hours definitive.

