



# **THERMASMART COOL™**

*The Ultimate Solution for Small Cooling Applications*

**NEW: SBI B<sub>L</sub>**  
for all sizes

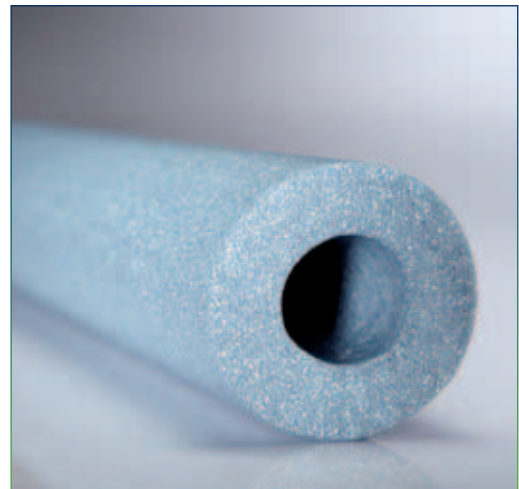


- Split air-conditioning
- VRV systems
- Supermarket fridges
- Air-handling / cooling

## Physical properties

<b>Description</b>	Unique, ultra flexible polyolefine foam with closed cell structure
<b>Color</b>	Blue Metallic
<b>Material</b>	Direct extruded polyolefine foam with closed cell structure (< 0,6 mm), (H)CFC free; wall thickness: 6, 9, 13 and 19 mm
<b>Applications</b>	Insulation tubes for split air-conditioning, small mobile cooling machines and super-market fridges, cooling cabinets, small cold storages, etc.
<b>Standard length</b>	2 meters
<b>Packaging</b>	Boxes: 206 x 60 x 40 cm or 206 x 40 x 40 cm

<b>Thermal conductivity (λ)</b>	0,035 W/mK at 0° C 0,037 W/mK at 20° C
<b>Fire performance</b>	BS476 part 7: Class 1 BS476 part 6: Class 0 EN13501-1: 2007 Euro Class SBI B <sub>1</sub> - S1 - d0
<b>No black smoke</b>	According EN13501-1: s1
<b>Density</b>	18 - 25 kg/m <sup>3</sup>
<b>Temperature range</b>	-40° C up to +75° C



## Advantages

- Ultra flexible polyolefine insulation foam
- Very light weight product
- Easy to handle without talcum
- Durable
- No burning droplets in case of fire
- Sustainable
- Recyclable
- Environmental friendly

## Dimensionen

Copper pipes			Steel pipes			Plastic / Multilayer			Insulation thickness			
Inches	DN	External diameter (mm)	Inches	DN	External diameter (mm)	Inches	DN	External diameter (mm)	6 mm	9 mm	13 mm	19 mm
1/4	4	6,0							6/6	6/9		
5/16	6	8,0							8/6	8/9		
3/8	8	10,0	1/8	6	10,2				10/6	10/9	10/13	10/19
1/2	10	12,0							12/6	12/9	12/13	12/19
5/8	10	15,0	1/4	8	13,5				15/6	15/9	15/13	15/19
3/4	15	18,0	3/8	10	17,2	3/8	10	16	18/6	18/9	18/13	18/19
						1/2	15	20	20/6	20/9	20/13	20/19
7/8	20	22,0	1/2	15	21,3				22/6	22/9	22/13	22/19
1	20	25,0				3/4	20	25	25/6	25/9	25/13	25/19
1 1/8	25	28,0	3/4	20	26,9				28/6	28/9	28/13	28/19
						1	25	32				32/19
1 3/8	32	35,0	1	25	33,7							35/19
						1 1/4	32	40				40/19
1 5/8	40	42,0	1 1/4	32	42,4							42/19



[www.thermaflex.com](http://www.thermaflex.com)



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