

Flexalen[®] Multiline

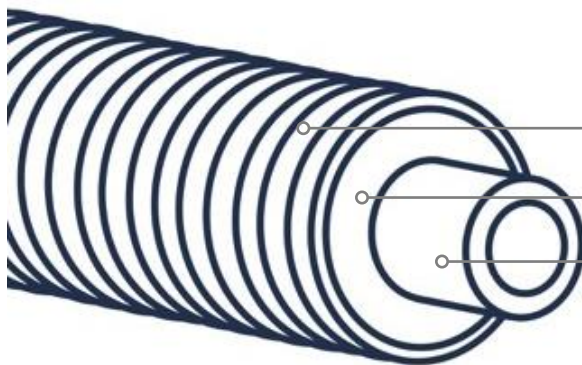
Pre-insulated piping system by Thermaflex[®]

Extremely flexible and multi-functional for heating, hot water and circulations applications



Benefits

- Flexible and robust jacket pipe with 3 - 4 service pipes, individually combinable
- Safest choice with homogeneous welding, one material, for increased reliability
- Full compatibility with Flexalen[®] 600
- Thermaflex service: Support with integrated network design, calculation tools, training and on-site support



Design

- **Polyethylene corrugated pipe, PE**
Flexibility and mechanical protection
- **Polyolefin foam**
Closed-cell, CFC-free
- **Polybutene service pipes, PB-1**
With and without oxygen barrier

Applications

- Connecting annex buildings to the heating and water distribution system
- Small size island networks

Technical Properties

PB-1 service pipe (EN-ISO 15876)	
Max. service temperature	95°C
Continuous service temperature	80°C
Max. operating pressure	8bar (95°C)






Thermal Insulation
Polyolefin foam
Closed-cell structure, CFC-free
Water vapor diffusion $\mu \geq 3,500$

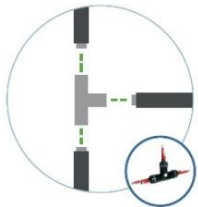
Availability

Standard assortment							
Product code	Dimension ¹	Service pipe OD x s [mm] Heating ²	Service pipe OD x s [mm] Heating ²	Service pipe OD x s [mm] Hot water	Service pipe OD x s [mm] Circulation	Casing pipe OD [mm]	Max. length [m]
1141-160002-003	H25+25 & S25+25 / 160	25 x 2.3	25 x 2.3	25 x 2.3	25 x 2.3	160	50
1141-200001-003	H32+32 & S32+25 / 200	32 x 3.0	32 x 3.0	32 x 2.9	25 x 2.3	200	50
1141-200005-003	H40+40 & S40+25 / 200	40 x 3.7	40 x 3.7	40 x 3.7	25 x 2.3	200	50

¹ H=heating, S=hot water/circulation ² with oxygen barrier

Other combinations with 3 or 4 PB service pipes possible on request as defined beneath.
 Combinations of PB service pipes depend on the number of service pipes and the OD of the casing pipe.
 For more information ask your local Thermaflex partner.

Possible combinations										
PB service pipe OD x s [mm]		x	Casing pipe OD [mm]	→	Combinations					
Heating	Water				Number of service pipes					
						1	2	3		
						1	2	3	4	
50 x 4.6	50 x 4.6		160		Casing pipe	32	32	25	25	Max. PB OD
40 x 3.7	40 x 3.7		200			25	25	20	20	Min. PB OD
32 x 3.0	32 x 2.9					50	50	40	32	Max. PB OD
25 x 2.3	25 x 2.3					40	40	32	25	
	20 x 2.8					32	32	25	20	Min. PB OD



- All types of homogenous plastic welded Prefabrications
- Full range of weldable PB fittings
- Compression fitting system
- Full range of accessories and tools