

MypoTHERM® Insulation tubes

with red protecting film

Application

- Thermal insulation of hot water supply pipes with high demands on the mechanical strength of the insulation
- For copper, steel and boiler pipes as well as for pipes made of plastic, composite materials and stainless steel

Your advantages

- Protects heating pipes and hot water pipes against heat losses
- Insulation thicknesses meet the requirements of the Building Energy Act (GEG) for the protection of cold pipes according to DIN 1988-200

- Closed-cell polyethylene made of at least 50 % renewable materials (thereby low environmental impact)
- Retains its shape even when cut open
- Easily to cut and handle
- Reduces noise levels
- Red polyethylene vapour barrier
- Protects the pipes against mechanical damage, condensation and corrosion
- Insulation does not contain PVC
- Non-ageing, non-putrescible, tear-resistant and crush-resistant



Features



Material	Closed-cell polyethylene
Temperature range	0 °C to +100 °C
Building material class	E acc. to EN 13501-1
EG-certificate of Conformity	NMC-0.037
Thermal conductivity	$\lambda_0 = 0.036 \text{ W/mK}$, $\lambda_{40} = 0.040 \text{ W/mK}$, $\lambda_{60} = 0.043 \text{ W/mK}$, $\lambda_{70} = 0.045 \text{ W/mK}$
Water vapour diffusion resistance	$\mu = 16,000$

Insulation thickness [mm]	Acc. to GEG	Nominal size [inch]	For pipe outer Ø [mm]	Content [m/carton]	Customization	Part no.	Sales unit	Pack unit
4	KW (cold water)	1/4"	15	200	roll of 10 m	112237	1	Carton
		3/8"	18	180		112335		
		1/2"	22	160		112386		
		3/4"	28	140		112442		
		1"	35	110		112482		
9	50 %	1/4"	15	120	2-metre-long tubular section	112283		
		3/8"	18			112337		
		1/2"	22	100		112388		
		3/4"	28	90		112444		
		1"	35	60		112484		
		1 1/4"	42	48		112514		
		1"	35	48		112476		
13	50 %	1/4"	15	100		112277		
		3/8"	18	96		112331		
		1/2"	22	80		112382		
		3/4"	28 FE	64		112436		
	KW (cold water)	1"	35	48		112476		
		1 1/4"	42	40		112506		
		1"	35	32		112478		
20	50 %	3/4"	28 CU			112438		
		1"	35	32		112478		
		1 1/4"	42 FE	24		112510		
		1"	35	26		112480		
25	100 %	1/4"	15	40		112279		
		3/8"	18	38		112333		
		1/2"	22	36		112384		
		3/4"	28 FE	30		112440		
	50 %	1"	35	26		112480		
		1 1/4"	42 CU	24		112512		

- FE: Classification according to GEG only valid for steel pipes.
- CU: Classification according to GEG for copper pipes.
- KW: Meets the requirements of DIN 1988-200.