

MypoTHERM® Caoutchouc Plus

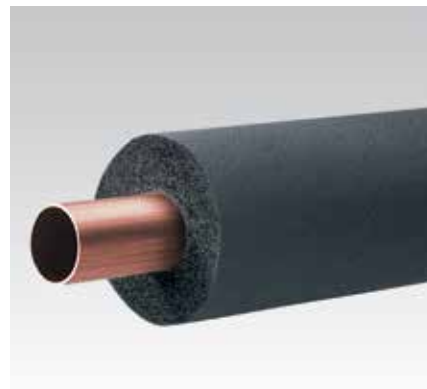
Field of application

- For the insulation of refrigerant pipes

Advantages

- Material possesses enormous flexibility and form stability
- Easy to work because of its smooth inner surface, especially in pipe bends and heavily twisted pipes

- Low thermal conductivity and highly resistant to water vapour diffusion
- Closed-cell structure prevents the absorption of condensate, oil and other aggressive fluids
- Euro fire class BL-S3-d0, dioxin-free in the event of fire
- Free of formaldehyde

**Features**

Material	Closed-cell insulation material on a synthetic rubber basis
Colour	black
Water vapour diffusion resistance	$\mu > 10,000$ at insulation thickness ≤ 25 mm $\mu > 7,000$ at insulation thickness > 25 mm
Temperature range	-40 °C to $+110$ °C
Thermal conductivity	Insulation thickness ≤ 25 mm: $\lambda = 0,037$ W/mK at $+40$ °C, $\lambda = 0,035$ W/mK at $+20$ °C, $\lambda = 0,033$ W/mK at 0 °C, $\lambda = 0,031$ W/mK at -20 °C, Insulation thickness > 32 mm: $\lambda = 0,040$ W/mK at $+40$ °C, $\lambda = 0,038$ W/mK at $+20$ °C, $\lambda = 0,036$ W/mK at 0 °C, $\lambda = 0,034$ W/mK at -20 °C
Building material class	BL-S3-d0 acc. to EN 13501-1
EG-certificate of Conformity	CPD.002.0-1/2012

For copper pipes

Insulation layer thickness [mm]	Insulation thickness [mm]	Nominal size [mm]	For pipe outer diameter [mm]	Part no.	Sales unit	Pack unit	Contents [m/carton]
ST-1	7	4	6*	137857	1	carton	352
		6	8*	137858			300
		8	10*	137859			266
		10	12*	137860			234
			15*	137861			192
		15	18*	137862			166
		20	22*	137863			132
			25*	137864			108
		25	28*	137865			96
			30*	137866			
		32	35*	137867			70
			38*	137868			
		40	42*	137915			60
							200
ST-2	13	4	6*	136745	1	carton	200
		6	8*	137934			
		8	10	136764			172
		10	12	137935			162
			15	137936			136
		15	18	137937			118

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Insulation layer thickness [mm]	Insulation thickness [mm]	Nominal size [mm]	For pipe outer diameter [mm]	Part no.	Sales unit	Pack unit	Contents [m/carton]
ST-2	13	20	22	137938	1	carton	96
			25*	137939			80
		25	28	137940			78
			30*	137941			72
		32	35	136773			60
		40	42	136746			40
ST-4	19	8	10	137992			98
		10	12*	136747			88
			15	137993			78
		15	18	137994			72
		20	22	137995			64
			25*	137996			50
		25	28	137998			48
			30*	138000			40
		32	35	136936			
		40	42	138001			32
ST-5	25	15	18	138024			50
		20	22*	138025			42
		25	28	138027			40
		32	35	138028			24
ST-6	32	15	18	138065			32
		20	22	138066			
		25	28	138067			24
		32	35	138070			22
		40	42	136775			16

* Delivery time upon request - no storage items

For steel pipes:

Insulation layer thickness [mm]	Insulation thickness [mm]	Nominal size [inch]	Pipe outside-Ø [mm]	Part no.	Sales unit	Pack unit	Contents [m/carton]
ST-1	7	1/8	10,2*	137859	1	carton	266
		1/4	13,5*	137861			192
		3/8	17,2*	137862			166
		1/2	21,3*	137863			132
			25,0*	137864			108
		3/4	26,9*	137865			96
			30,0*	137866			
		1	33,7*	137867			70
			38,0*	137868			
		1 1/4	42,4*	137915			60
			44,5*	137916			56
		1 1/2	48,3*	137917			50
			54,0*	137918			40
			57,0*	137919			
		2	60,3*	137920			36
			63,5*	137921			32
			70,0*	137922			
		2 1/2	76,1*	137923			24
ST-2	13	1/8	10,2	136764			172
		1/4	13,5	137936			136
		3/8	17,2	137937			118



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For steel pipes:

Insulation layer thickness [mm]	Insulation thickness [mm]	Nominal size [inch]	Pipe outside-Ø [mm]	Part no.	Sales unit	Pack unit	Contents [m/carton]
ST-2	13	½	21,3	137938	1	carton	96
			25,0*	137939			80
		¾	26,9	137940			78
			30,0*	137941			72
		1	33,7	136773			60
		1¼	42,4	136746			40
			44,5*	137942			
		1½	48,3	137943			
			54,0	136699			32
			57,0	137944			
		2	60,3	137945			
			63,5	137946			28
			70,0	137948			
		2½	76,1	137950			
ST-4	19	⅝	10,2	137992			98
		¾	13,5	137993			78
		⅞	17,2	137994			72
		½	21,3	137995			64
			25,0*	137996			50
		¾	26,9	137998			48
			30,0*	138000			40
		1	33,7	136936			
		1¼	42,4	138001			32
			44,5*	138002			28
		1½	48,3	138003			24
			54,0	138004			
			57,0*	138005			20
		2	60,3	138006			
			63,5	138007			18
			70,0	138008			16
ST-5	25	2½	76,1	138009			
		⅞	17,2	138024			50
		½	21,3	138025			42
		¾	26,9	138027			40
			33,7	138028			24
		1½	48,3	138055			18
			54,0	138056			16
		2	60,3	138057			12
			63,5	138058			
			70,0	138059			
ST-6	32	2½	76,1	138060			10
		⅞	17,2	138065			32
		½	21,3	138066			
		¾	26,9	138067			24
		1	33,7	138070			22
		1¼	42,4	136775			16
		1½	48,3	138073			12
		2	60,3	138075			10
			70,0	138078			8
		2½	76,1	138079			

* Delivery time upon request - no storage items



Information regarding firewall / ceiling lead-through available upon request.

