

MypoTHERM® Caoutchouc Plus

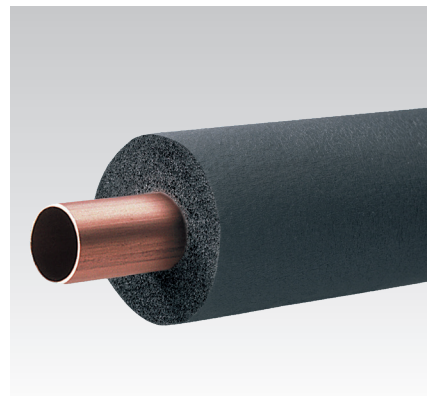
Application

- For the insulation of refrigerant pipes

Your 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 high vapour diffusion resistance
- 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**

Insulation thickness [mm]	7	13	19	32
Material	Closed-cell insulation material on a synthetic caoutchouc basis (elastomer)			
Temperature range	-40 °C to +110 °C			
Building material class	BL-S3-d0 acc. to EN 13501-1			
EG-certificate of Conformity	CPD.002.1-1/2012			
Thermal conductivity	$\lambda_{-20} = 0.031 \text{ W/mK}$ $\lambda_0 = 0.033 \text{ W/mK}$ $\lambda_{20} = 0.035 \text{ W/mK}$ $\lambda_{40} = 0.037 \text{ W/mK}$		$\lambda_{-20} = 0.034 \text{ W/mK}$ $\lambda_0 = 0.036 \text{ W/mK}$ $\lambda_{20} = 0.038 \text{ W/mK}$ $\lambda_{40} = 0.040 \text{ W/mK}$	
Water vapour diffusion resistance	$\mu > 10,000$		$\mu > 7,000$	

Colour	Insulation layer thickness	Insulation thickness [mm]	Copper (CU)		Steel (FE)		Content [m/carton]	No storage items, delivery time upon request	Part no.	Sales unit	Pack unit
			Nominal size [mm]	For pipe outer Ø [mm]	Nominal size [inch]	For pipe outer Ø [mm]					
black	ST-1	7				44.5	56	x	137916	1	Carton
					1½"	48.3	50	x	137917		
						54	40	x	137918		
						57		x	137919		
					2"	60.3	36	x	137920		
						63.5	32	x	137921		
						70		x	137922		
					2½"	76.1	24	x	137923		
	ST-2	13	4	6			200	x	136745		
			6	8				x	137934		
			8	10	⅜"	10.2	172		136764		
			10	12		13.5	162		137935		
				15	¼"		136		137936		
			15	18	⅜"	17.2	118		137937		
			20	22	½"	21.3	96		137938		
				25		25	80	x	137939		
			25	28	¾"	26.9	78		137940		
				30		30	72	x	137941		
			32	35	1"	33.7	60		136773		
			40	42	1¼"	42.4	40		136746		
						44.5		x	137942		
					1½"	48.3			137943		



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



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			Nominal size [mm]	For pipe outer Ø [mm]	Nominal size [inch]	For pipe outer Ø [mm]					
black	ST-2	13				54	32		136699	1	Carton
						57			137944		
					2"	60.3			137945		
						63.5	28		137946		
						70			137948		
					2½"	76.1			137950		
	ST-4	19	8	10	⅜"	10.2	98		137992		
			10	12			88	x	136747		
				15	¼"	13.5	78		137993		
			15	18	⅝"	17.2	72		137994		
			20	22	½"	21.3	64		137995		
				25		25	50	x	137996		
			25	28	¾"	26.9	48		137998		
				30		30	40	x	138000		
			32	35	1"	33.7			136936		
			40	42	1¼"	42.4	32		138001		
						44.5	28	x	138002		
					1½"	48.3	24		138003		
						54			138004		
						57	20	x	138005		
					2"	60.3			138006		
						63.5	18		138007		
						70	16		138008		
					2½"	76.1			138009		
	ST-6	32	15	18	⅝"	17.2	32		138065		
			20	22	½"	21.3		x	138066		
			25	28	¾"	26.9	24		138067		
			32	35	1"	33.7	22		138070		
			40	42	1¼"	42.4	16		136775		
					1½"	48.3	12		138073		
					2"	60.3	10		138075		
						70	8		138078		
					2½"	76.1			138079		



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