

CLIMAFLEX® | hf exzentro

MATERIAL	CLIMAFLEX® hf exzentro is an eccentrically extruded pipe insulation made of expanded, closed-cell and halogen-free polyethylene (PE), with a grey, mechanically resistant outer jacket.	
LENGTH	2 m	
THERMAL CONDUCTIVITY (EN ISO 8497)	9 mm – Ø 15 to 42 mm 0,036 W/mK at 0 °C 0,040 W/mK at 40 °C 0,053 W/mK at 90 °C	25 to 51 mm – Ø 15 to 42 mm 0,037 W/mK at 0 °C 0,042 W/mK at 40 °C 0,055 W/mK at 90 °C
TEMPERATURE RANGE (EN 14707)	0 °C to +100 °C	
FIRE PERFORMANCE (EN 13501-1)	Euroclass E	
APPLICATION AREA	Heating and sanitary installations	

ADVANTAGES

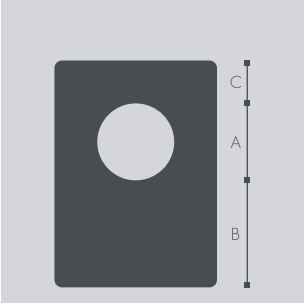
- Closed-cell foam structure providing consistent and reproducible insulation performance
- Formulation free from halogen-containing flame retardants or additives, in accordance with the product-specific material formulation.
- Eccentric pipe geometry with a reduced installation height compared to concentric or semi-circular geometries — enables compact installation where installation space is limited.
- The reduced installation height may, depending on design and installation method, allow for a lower screed or floor build-up height. The actual effect depends on the specific project and construction design.

See website for Declaration of performance: www.nmc-insulation.com

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PRODUCT RANGE

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ADVANTAGES

- Narrow rectangular shape for integration into screed constructions with limited build-up height → enables space-saving pipe routing and supports installation in accordance with applicable standards.
- Mechanically resistant outer skin to protect the pipe insulation from mechanical damage during the construction phase.
- Thermal insulation function contributing to the reduction of heat transfer within piping systems, depending on system design, installation conditions and application

	Copper CU		Steel FE			Synthetics MSV & PEX		
Type A x B	NW DN	Outer Ø mm	NW DN	Outer Ø mm	Outer Ø inch	Outer Ø mm	Height mm	Pkg unit m
15 x 9	10	15	8	13,5	1/4	-	31	170
18 x 9	15	18	10	17,2	3/8	16	34	120
22 x 9	20	22	15	21,3	1/2	20	38	110
28 x 9	25	28	20	26,9	3/4	25	46,5	70
35 x 9	32	35	25	33,7	1	32	52,5	58
15 x 25	10	15	8	13,5	1/4	-	52	100
18 x 25	15	18	10	17,2	3/8	16	55	84
22 x 25	20	22	15	21,3	1/2	20	59	72
28 x 25	25	28	20	26,9	3/4	25	64	58
28 x 38*[41]	25	28	20	26,9	3/4	25	77	40
35 x 38*[41]	32	35	25	33,7	1	32	83	32
42 x 46*[51]	40	42	32	42,4	1 1/4	40	104	20

*effectiv insulation thickness

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