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TECHNICAL INSULATION

CLIMAFLEX® hf

Halogen-Free – for installations designed with the future in mind.

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CLIMAFLEX® | hf

The new generation of our flexible PE pipe insulation.



With CLIMAFLEX® hf, we offer a halogen-free pipe insulation combining proven insulation performance with easy installation on site.

CLIMAFLEX® hf replaces the former CLIMAFLEX® naturefoam. In addition to an appropriate fire classification, other criteria are becoming increasingly important, including smoke development and the nature of fire gases generated in the event of a fire.

With CLIMAFLEX® hf, heating and plumbing professionals benefit from a flexible pipe insulation solution that is easy to install while supporting the requirements of modern building services.

Your benefits at a glance:

- Halogen-free polyethylene pipe insulation.
- Fast and easy installation on site.
- Proven insulation performance for reducing heat losses: λ = 0.040 W/mK at a mean temperature of 40 °C (DIN 52613 / EN ISO 8497).
- Halogen-free material formulation. Under the test conditions specified in EN 60754-3:2020, the insulation material itself does not release halogen-containing fire gases.*
- Low smoke development under the test conditions specified in EN 13823.**
- The material formulation complies with applicable European legislation on chemical substances.
- CLIMAFLEX® hf can be used in construction projects where halogen-free materials are required or specified.

* Statements refer to the material properties of CLIMAFLEX® hf stabil insulation.
** Actual smoke development and fire performance of a building element depend on installation conditions, material combinations and fire development. The stated values are based on tests carried out under defined laboratory conditions.

The CLIMAFLEX® hf product range.

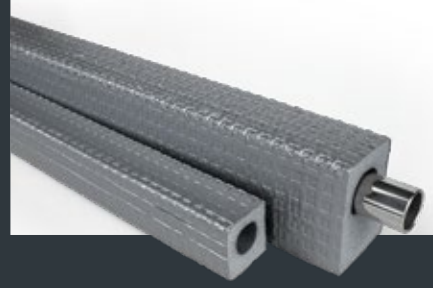
CLIMAFLEX® | hf

The proven standard pipe insulation.



CLIMAFLEX® | hf exzentro

Narrow rectangular geometry for space-saving and standards-compliant pipe routing in screed constructions.



CLIMAFLEX® | hf easy

Double-sided self-adhesive closure for quick and easy installation.



CLIMAFLEX® | hf stabil

With a mechanically resistant outer jacket for enhanced protection during construction



Technical Data:

Thermal Conductivity (EN ISO 8497):
0,036 W/mK at 0 °C
0,040 W/mK at 40 °C
0,047 W/mK at 90 °C

Service Temperature Range (EN 14707):
from 0 °C to +100 °C

Reaction to Fire (EN 13501-1):
Euroclasse E