



PRODUCTOVERVIEW



INSULATION


**INSUL-TUBE® /
INSUL-TUBE® COIL**
INSUL-TUBE® XT
**INSUL ROLL/
INSUL ROLL XT**
INSUL-SHEET®

PRODUCT DESCRIPTION	Flexible, rubber-based, closed-cell pipe insulation. INSUL-TUBE® COIL is only available in 9 and 13 mm	Flexible, rubber-based polyethylene pipe insulation with selfadhesive closing system.	Flexible closed-cell rubber rolled insulation. INSUL ROLL XT: selfadhesive roll.	Rubber-based, closed-cell foam insulation sheets.
APPLICATION FIELD	For use in air conditioning and cooling systems.	For use in air conditioning and cooling systems.	For use in air conditioning and cooling systems.	For use in air conditioning and cooling systems.
LENGTH	2 m / Infinite (Coil)	2 m	Infinite – 1 m width	2 m x 0,5 m
PACKAGING / COLOUR	In boxes / Black	In boxes / Black	In boxes / Black	In boxes / Black
THERMAL CONDUCTIVITY	(EN ISO 8497) 6-25 mm 0,031 W/mK at -30°C 0,034 W/mK at 0°C 0,038 W/mK at 40°C 32 mm 0,032 W/mK at -30°C 0,035 W/mK at 0°C 0,040 W/mK at 40°C	(EN ISO 8497) 6-25 mm 0,031 W/mK at -30°C 0,034 W/mK at 0°C 0,038 W/mK at 40°C 32 mm 0,032 W/mK at -30°C 0,035 W/mK at 0°C 0,040 W/mK at 40°C	(EN 12667) 0,034 W/mK at -30°C 0,036 W/mK at 0°C 0,039 W/mK at 40°C 0,044 W/mK at 70°C	(EN 12667) 0,034 W/mK at -30°C 0,036 W/mK at 0°C 0,039 W/mK at 40°C 0,044 W/mK at 70°C
TEMPERATURE RANGE	From -30°C to +100°C (EN 14707)	From -30°C to +100°C (EN 14707)	From -30°C to +95°C Installation above +5°C (EN 14707)	From -30°C to +95°C (EN 14707)
FIRE PERFORMANCE	B _s 3d0 (EN 13501-1)	B _s 3d0 (EN 13501-1)	B _s 3d0 (EN 13501-1)	B _s 3d0 (EN 13501-1)
WATER VAPOUR DIFFUSION RESISTANCE	≥ 7000 (EN 13469)	≥ 7000 (EN 13469)	≥ 7000 (EN 13469)	≥ 7000 (EN 13469)
DECLARATION OF PERFORMANCE	See website www.nmc.eu/dop	See website www.nmc.eu/dop	See website www.nmc.eu/dop	See website www.nmc.eu/dop



NOMATEC®

CLIMAFLEX®

nmcnaturefoam®

CLIMAFLEX® XT

nmcnaturefoam®

CLIMAFLEX® ROLL

PRODUCT DESCRIPTION	NOMATEC® RDS are edge expansion joints, in closed-cell PE foam. FSR = RDS with PE foil and tear-off perforation. FSRS = RDS with PE foil, tear-off perforation and adhesive.	Polyethylene-based closed-cell foam pipe insulation made of NMC Naturefoam® which contains at least 50% of renewable raw materials.	Polyethylene-based, closed-cell foam pipe insulation made of NMC Naturefoam® which contains at least 50% of renewable raw materials, with selfadhesive closing system.	Closed-cell, cross-linked polyethylene foam insulation sheets.
APPLICATION FIELD	For cement floor and floor heating systems.	For use in heating and plumbing.	For use in heating and plumbing.	Air duct, vessels or large format pipes.
LENGTH	Length: 25 m Foam thickness: 8 mm ± 1 mm Width of the foam: 150 mm ± 5 mm	2 m	2 m	Infinite – 1 m width
PACKAGING / COLOUR	4 rolls in one plastic bag / Grey	In boxes / Grey	In boxes / Grey	In boxes / Grey
THERMAL CONDUCTIVITY		(EN ISO 8497) 0,036 W/mK at 0°C 0,040 W/mK at 40°C 0,043 W/mK at 60°C 0,045 W/mK at 70°C	(EN ISO 8497) 0,036 W/mK at 0°C 0,040 W/mK at 40°C 0,043 W/mK at 60°C 0,045 W/mK at 70°C	(EN 12667) 0,039 W/mK at 0°C 0,043 W/mK at 40°C 0,051 W/mK at 90°C
TEMPERATURE RANGE		From 0°C to +100°C (EN 14707)	From 0°C to +100°C (EN 14707)	From 0°C to +100°C (EN 14707)
FIRE PERFORMANCE	Euroclass E (EN 13501-1)	B_{s1}d0 (9 + 13 mm) C_{s1}d0 (20 + 25 mm) (EN 13501-1)	B_{s1}d0 (9 + 13 mm) C_{s1}d0 (20 mm) (EN 13501-1)	Euroclass E (EN 13501-1)
DECLARATION OF PERFORMANCE		See website www.nmc.eu/dop	See website www.nmc.eu/dop	See website www.nmc.eu/dop
MISCELLANEOUS				



CLIMAFLEX® SYSTEM	CLIMAFLEX® STABIL nmc naturefoam®	NOMA® REFLEX XT	CLIMAFLEX® PROTECTIVE TUBE	CLIMAFLEX® STABIL DECHARGE
Insulation made from closed-cell honeycomb foam polyethylene.	Polyethylene-based, closed-cell foam pipe insulation, made of NMC Naturefoam® which contains at least 50% of renewable raw materials with a robust red protective coating.	Insulating and heat-reflecting foil for radiators with self-adhesive back side made from EPS, covered with a metallic polymer foil.	Polyethylene-based, closed-cell foam pipe insulation with robust shell and user friendly gliding foil.	Polyethylene-based, closed-cell foam pipe insulation with a robust shell and user friendly inner gliding foil for noise dampening in cast iron pipes (STM) and plastic pipes (HT).
For valve insulation.	For use in heating and plumbing.		For cold water pipe insulation.	For noise dampening in cast iron pipes (SMT) and plastic pipes (HT) used in plumbing.
Pieces	2 m (tubes) / 10 m (rolls) Rolls are also available in blue, but without NMC Naturefoam®.	Length: 10m Width: 50cm Foam thickness: 3 mm	10m	10m
In boxes / Grey	In boxes / Red	8 rolls in a box	In plastic bags / Red	In plastic bags / Red
(EN ISO 8497) 0,037 W/mK at 0°C 0,043 W/mK at 40°C 0,046 W/mK at 90°C	(EN ISO 8497) 0,036 W/mK at 0°C 0,040 W/mK at 40°C 0,043 W/mK at 60°C 0,045 W/mK at 70°C			
From 0°C to +100°C (EN 14707)			Up to +95°C (EN 14707)	Up to +95°C (EN 14707)
Euroclass E (EN 13501-1)	Euroclass E (EN 13501-1)		Euroclass E (EN 13501-1)	Euroclass E (EN 13501-1)
See website www.nmc.eu/dop	See website www.nmc.eu/dop			
		Heat reflection > 95% - Test report P15-071/2012 from Fraunhoferinstitut	Noise insulation: until 20 dB(A)	Noise insulation: until 20 dB(A)



**INSUL-TUBE® H PLUS/
INSUL-TUBE® H PLUS XT/
INSUL-TUBE® H PLUS COIL**

Flexible, rubber-based, closed-cell foam pipe insulation.

For use in heating and plumbing.

Tubes of 2 m/ Infinite (Coil)

In boxes/ Grey

6-16mm:
0,032 W/mK at 10°C
0,035 W/mK at 40°C
0,038 W/mK at 70°C
17-29mm:
0,035 W/mK at 10°C
0,038 W/mK at 40°C
0,041 W/mK at 70°C
30-45mm:
0,037 W/mK at 10°C
0,040 W/mK at 40°C
0,043 W/mK at 70°C

Up to 110°C
(EN 14707)

B_s3d0 (6-9mm)
C_s3d0 (30-45mm)
(EN 13501-1)

See website www.nmc.eu/dop



**INSUL-TUBE® HITEMP/
HITEMP COIL**

Flexible closed-cell pipe insulation made with temperature resistant EPDM for continuous use in temperatures up to 150°C (175°C peak usage).

For use in high temperatures.

Tubes of 2 m/ Infinite (Coil)

In boxes / Black

(EN ISO 8497)
0,038 W/mK at 0°C
0,040 W/mK at 40°C
0,042 W/mK at 80°C

From 0°C to +150°C (continuous use)
(+175°C peak usage)
(EN 14707)

Euroclass E (EN 13501-1)

See website www.nmc.eu/dop



INSUL-TUBE® SOLAR

Heat-resistant, rubber (EPDM) pre-insulated, corrugated stainless steel pipe with integrated sensor lead for the direct connection of solar thermal systems to heating circuits.

Infinite

Infinite

In boxes / Black

0,033 W/mK at 0°C
0,038 W/mK at 40°C

Up to +150°C (continuous use)
(+175°C peak usage)
(EN 14707)

Euroclass E (EN 13501-1)



**ISOTUBE® 040
& UNIVERSAL BOWS**

Insulation tube made from polyurethane (PU) foam with a PVC coating and self-adhesive closure.

For use in heating and plumbing.

1 m

in boxes / Grey

(EN ISO 8497)
0,033 W/mK at 10°C
0,037 W/mK at 40°C
0,042 W/mK at 70°C

From 0°C to 110°C
Processing temperature: ≥ +5°C

Euroclass E (EN 13501-1)



**INSUL-TUBE® SUPPORT
& COLLAR**

Pipe manifold with a PUR core and side pieces of rubber-based, closed-cell foam. The pipe manifold has a self-adhesive, silicon-based covering. Appropriate pipe clamps are included with delivery.

For use in air conditioning and cooling systems but also for use in heating and plumbing.

Pieces

In boxes/ Black

0,036 W/mK at 0°C

From -40°C to +80°C

Conform ISO EN 13501-1



insulation technologies

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