

The background of the entire page is a high-contrast, black and white photograph of various technical insulation products. In the foreground, there are several cylindrical and rectangular blocks of insulation. One prominent rectangular block has a textured, grid-like surface. To its left and right are circular cross-sections of other insulation types, some showing a porous, fibrous interior. The lighting creates strong highlights and shadows, emphasizing the different textures and shapes of the materials.

PRODUCT OVERVIEW

TECHNICAL INSULATION
2026



TECHNICAL
INSULATION

TECHNICAL INSULATION

by



www.nmc-insulation.com

TOLERANCES

ELASTOMERIC INSULATION MATERIALS (FEF)

TOLERANCE ACCORDING TO EN 14304

Delivery form	Length	Width	Thickness		Squareness	Inside diameter	
			declared	tolerance		$D_{i,D} \leq 100$	$D_{i,D} > 100$
Tubes	$\pm 1,5\%$	—	$d_o \leq 8$ $8 < d_o \leq 18$ $18 < d_o \leq 31$ $d_o > 31$	$\pm 1,0$ $\pm 1,5$ $\pm 2,5$ $\pm 3,0$	3,0 mm	$D_{i,D} + 1 \leq D_i \leq D_{i,D} + 4$	$D_{i,D} + 1 \leq D_i \leq D_{i,D} + 6$
Plaques	$\pm 1,5\%$	$\pm 2,0\%$	$d_o \leq 6$ $6 < d_o \leq 19$ $d_o > 19$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$	3,0 mm/m (L/w) — 3,0 mm (thickness)	—	—
Sheets/ Rolls	+5,0 % -1,5 %	$\pm 2,0\%$	$d_o \leq 6$ $6 < d_o \leq 19$ $d_o > 19$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$	3,0 mm/m (L/w) — 3,0 mm (thickness)	—	—
Tapes	+5,0 % -1,5 %	$\pm 2,0\%$	$d_o = 3$	-0,1 +1,5	—	—	—

POLYETHYLENE INSULATION MATERIALS (PEF)

TOLERANCE ACCORDING TO EN 14313

Delivery form	Length	Width	Thickness		Squareness	Inside diameter		
			declared	tolerance		$D_{i,D} \leq 35$	$35 < D_{i,D} \leq 100$	$D_{i,D} > 100$
Tubes	-1,5 % +2,5 %	—	$d_o \leq 6$ $6 < d_o \leq 10$ $10 < d_o \leq 15$ $15 < d_o \leq 30$ $d_o > 30$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$ $\pm 2,5$ $\pm 4,0$	5,0 mm for $D_{i,D} \leq 60$ mm and 10,0 mm for $60 < D_{i,D} \leq 120$ mm	$D_{i,D} + 1$ to $D_{i,D} + 4$	$D_{i,D} + 2$ to $D_{i,D} + 6$	$D_{i,D} + 3$ to $D_{i,D} + 8$
Profiles	-1,5 % +2,5 %	—	$d_o \leq 6$ $6 < d_o \leq 10$ $10 < d_o \leq 15$ $15 < d_o \leq 30$ $d_o > 30$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$ $\pm 2,5$ $\pm 4,0$	5,0 mm for $D_{i,D} \leq 60$ mm and 10,0 mm for $60 < D_{i,D} \leq 120$ mm	$D_{i,D} + 1$ to $D_{i,D} + 4$	$D_{i,D} + 2$ to $D_{i,D} + 6$	$D_{i,D} + 3$ to $D_{i,D} + 8$
Sheets/ Rolls	$\pm 1,5\%$	$\pm 1,0\%$	$d_o \leq 5$ $5 < d_o \leq 10$ $10 < d_o \leq 15$ $15 < d_o \leq 30$ $d_o > 30$	$\pm 1,0$ $\pm 1,5$ $\pm 2,0$ $\pm 2,5$ $\pm 3,5$	10,0 mm/m (L/w) — 2,0 mm (thickness)	—	—	—
Tapes	$\pm 1,5\%$	$\pm 2,0$ mm	—	$\pm 0,5$	—	—	—	—

MINERAL WOOL TOLERANCE ACCORDING TO EN 14303

Delivery form	Length	Width	Thickness tolerance	Squareness	Inside diameter	uniformity of thickness
shell	$\pm 5,0$	—	$\pm 5,0\%$ or $\pm 3,0^\circ$	$\pm 4,0$ or $\pm 2,0\%$ in relation to the outside diameter ^a	+ 4 - 0	Difference of less than 6 mm or 10% ^a

POLYURETHANE TOLERANCE ACCORDING TO EN 13467:2018

Delivery form	Length	Width	Thickness tolerance	Squareness	Inside diameter		uniformity of thickness
shell	±3,0	—	±2,0	Performance not evaluated	+2 - 0	+3 - 0	Performance not evaluated

Dimensions in millimeter • dD = nominal thickness of the product • $D_{i,D}$ = nominal value of a tube's inside diameter
(L/w) = (Length/width) • a: The highest numerical value is decisive

Copper Cu		Steel Fe			Synthetics MSV & PEX	ID mm
NW DN	Outer Ø mm	NW DN	Outer Ø mm	inch	Outer Ø mm	
4	6	-	-	-	-	6
-	8	-	-	-	-	8
8	10	6	10,2	1/8	-	10
10	12	-	-	-	-	12
10	15	8	13,5	¼	-	15
15	18	10	17,2	3/8	16	18
15	19	-	-	½	20	20
20	22	15	21,3	½	20	22
20	25	-	25	¾	25	25
25	28	20	26,9	¾	25	28
-	-	-	-	1	32	32
32	35	25	33,7	1	32	35
-	-	-	-	-	-	40
40	42	32	42,4	1 ¼	40	42
-	-	40	48,3	1 ½	40,2	48
-	-	-	-	-	-	50
50	54	-	54	-	50	54
-	-	50	60,3	2	-	60
-	64	-	63,5	-	63	64
-	-	-	-	-	-	67
-	-	-	-	-	-	70
65	76,1	65	76,1	2 ½	-	76
-	80	-	-	-	-	80
80	88,9	80	88,9	3	-	89
-	-	-	101,6	3 ½	-	102
100	108	-	108	-	-	108
100	114	100	114,3	4	-	114
-	-	-	125	-	-	125
125	133	125	133	-	-	133
-	-	125	139,7	5	-	140
150	159	-	160	-	-	160



APPLICATION AREA

	Page	Heating & plumbing	Heat pumps	Thermal solar module	Ventilation	Air conditioning	High temperatures	Cooling systems	Industry	Marine
CLIMAFLEX®										
CLIMAFLEX® hf	8	•							•	
CLIMAFLEX® hf easy	10	•							•	
CLIMAFLEX® hf exzentro	12	•								
CLIMAFLEX® hf stabil	14	•								
CLIMAFLEX® premium	16	•							•	
CLIMAFLEX® basic stabil	18	•								
CLIMAFLEX® roll	19	•								
CLIMAFLEX® silence	20	•			•					
CLIMAFLEX® protect	21	•								
CLIMATUBE®										
CLIMATUBE® easy	22	•								
CLIMATUBE® basic	24	•								
CLIMATUBE® wool	25	•								
ISOTUBE®										
ISOTUBE®	26	•								
INSUL										
INSUL-TUBE®	28	•				•		•	•	•
INSUL-TUBE® xt	32	•				•		•		
INSUL-TUBE® coil	34	•				•		•		•
INSUL-TUBE® xt/lr	36	•				•		•		
INSUL ROLL / INSUL ROLL xt	38	•			•	•		•	•	
INSUL-TUBE® support & collar	40	•				•		•		
AEROFLEX®										
AEROFLEX® sh	42	•								
AEROFLEX® sh xt	44	•								
AEROFLEX® sh coil	46	•								
AEROFLEX® hf	48	•				•		•	•	•
AEROFLEX® hf roll	52	•				•		•	•	•
AEROFLEX® (ht)	54	•	•	•	•	•	•	•	•	•
AEROFLEX® (ht) coil	58	•	•	•	•	•	•	•	•	•
AEROFLEX® (ht) xt/lp	60	•	•		•	•		•	•	
AEROFLEX® (ht) roll / AEROFLEX® (ht) roll xt	64	•	•	•	•	•	•	•	•	
AEROFLEX® (ht) sheet / AEROFLEX® (ht) sheet xt	64	•	•	•	•	•	•	•	•	

OUR CERTIFICATIONS



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CLIMAFLEX®

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TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of foamed, closed-cell, halogen-free polyethylene (PE).

LENGTH

1 m / 2 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

APPLICATION AREA

Heating and plumbing

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

FIRE PERFORMANCE

Euroclass E

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.
- Thermal insulation function contributing to the reduction of heat transfer within piping systems, depending on system design, installation conditions and application

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9 mm

INSULATION THICKNESS

13 mm

INSULATION THICKNESS

20 mm

INSULATION THICKNESS

ID mm	SAP	m/📦	SAP	m/📦	SAP	m/📦	ID mm
12/15	3058219	380	3058230	256	3058243	134	12/15
18	3058220	330	3058231	220	3058244	126	18
22	3058221	250	3058232	180	3058245	108	22
28	3058222	190	3058233	140	3058246	96	28
35	3058223	150	3058234	120	3058247	70	35
42	3058224	110	3058235	90	3058248	60	42
48	3058225	90	3058236	70	3058249	48	48
54	3058226	70	3058237	66	3058250	48	54
60	3058227	66	3058238	48	3058251	40	60
76	3058228	48	3058239	40	3058252	26	76
89	3058229	40	3058240	30	-	-	89
102	-	-	3058241	24	-	-	

25 mm

INSULATION THICKNESS

13 mm

INSULATION THICKNESS

25 mm

INSULATION THICKNESS

ID mm	SAP	m/📦	SAP	m/📦	SAP	m/📦	ID mm
12/15	3058253	90	3058802	128	3058807	45	12/15
18	3058254	90	3058803	110	3058808	40	18
22	3058255	70	3058804	90	3058809	35	22
28	3058256	66	3058805	70	3058810	32	28
35	3058257	56	3058806	54	3058811	24	35
42	3058258	48	3058798	40	3058812	20	42
48	3058259	40	-	-	-	-	48
54	-	-	-	-	-	-	54
60	-	-	-	-	-	-	60
76	-	-	-	-	-	-	76



2m Länge: 600 x 2050 x 400 mm



1m Länge: 582 x 1040 x 377 mm



NEW!
Available
from
October
2026!

CLIMAFLEX®

hf easy

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of foamed, closed-cell, halogen-free polyethylene (PE), featuring a double-sided self-adhesive closure system.

LENGTH

1 m / 2 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

APPLICATION AREA

Heating and plumbing

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

FIRE PERFORMANCE

Euroclass E

PROCESSING TEMPERATURE

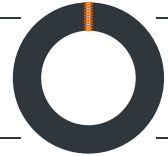
≥ +5 °C

ADVANTAGES

- Closed-cell foam structure providing consistent and reproducible insulation performance
- Formulation free from halogen-containing flame retardants and additives, in accordance with the product-specific material formulation
- Double-sided self-adhesive closure system for easy installation
- Thermal insulation function designed to the reduction of heat transfer within piping systems, depending on system design, installation conditions and application

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9 mm INSULATION THICKNESS			13 mm INSULATION THICKNESS			20 mm INSULATION THICKNESS		
ID mm	SAP	m/📦	SAP	m/📦		SAP	m/📦	ID mm
12/15	3058261	300	3058269	200		-	-	12/15
18	3058262	300	3058270	190		-	-	18
22	3058263	250	3058271	160		3058280	108	22
28	3058264	190	3058272	130		3058281	96	28
35	3058265	150	3058273	102		3058282	70	35
42	3058266	110	3058274	84		3058283	60	42
48	3058267	90	3058275	70		3058284	48	48
54	3058268	70	3058276	60		3058285	48	54
60	-	-	3058277	48		-	-	60
76	-	-	3058278	40		-	-	76
89	-	-	3058279	30		-	-	89

9 mm INSULATION THICKNESS			13 mm INSULATION THICKNESS		
ID mm	SAP	m/📦	SAP	m/📦	ID mm
12/15	3058799	150	3058828	100	12/15
18	3058822	140	3058829	87	18
22	3058823	113	3058830	80	22
28	3058824	80	3058831	62	28
35	3058826	68	3058832	51	35
42	3058827	50	3058833	38	42
48	-	-	-	-	48
54	-	-	-	-	54
60	-	-	-	-	60

📦 2m Länge: 600 x 2050 x 400 mm

📦 1m Länge: 582 x 1040 x 377 mm



CLIMAFLEX®

hf exzentro

NEW!
Available
from
October
2026!

TECHNICAL INFORMATION

MATERIAL

Eccentrically extruded pipe insulation made of foamed, closed-cell, halogen-free polyethylene (PE), featuring a mechanically durable outer skin.

LENGTH

2 m / 1 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

APPLICATION AREA

Heating and plumbing

THERMAL CONDUCTIVITY (EN ISO 8497)

9 mm – Ø 15 to 35 mm	25 to 51 mm – Ø 15 to 42 mm
0,036 W/mK at 0 °C	0,037 W/mK at 0 °C
0,040 W/mK at 40 °C	0,042 W/mK at 40 °C
0,053 W/mK at 90 °C	0,055 W/mK at 90 °C

FIRE PERFORMANCE (EN 13501-1)

Euroclass E

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.



TECHNICAL INSULATION

Product overview

CLIMAFLEX®

hf exzentro



9 mm

INSULATION THICKNESS

25 mm

INSULATION THICKNESS

38 mm

INSULATION THICKNESS

ID mm	SAP	m/📦	SAP	m/📦	SAP	m/📦	ID mm
12/15	3058286	170	3058291	100	-	-	12/15
18	3058287	120	3058292	84	-	-	18
22	3058288	110	3058293	72	-	-	22
28	3058289	70	3058294	58	3058295	40	28
35	3058290	58	-	-	3058296	32	35
42	-	-	-	-	-	-	42

46 mm

INSULATION THICKNESS

9 mm

INSULATION THICKNESS



25 mm

INSULATION THICKNESS



12/15	-	-	3058816	170	3058800	100	12/15
18	-	-	3058817	150	3058813	80	18
22	-	-	3058818	120	3058814	70	22
28	-	-	3058819	80	3058815	52	28
35	-	-	3058820	58	-	-	35
42	3058297	20	-	-	-	-	42

📦 2m Länge: 390 x 2050 x 290 mm

📦 1m Länge: 582 x 1040 x 377 mm



CLIMAFLEX®

hf stabil

NEW!
Available
from
October
2026!

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of foamed, closed-cell, halogen-free polyethylene (PE), featuring a robust protective coating.

LENGTH

2 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

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

FIRE PERFORMANCE (EN 13501-1)

Euroclass E

APPLICATION AREA

Heating and plumbing

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.
- 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



TECHNICAL INSULATION

Product overview

CLIMAFLEX®

hf stabil



9 mm

INSULATION THICKNESS

ID mm	SAP	m/ 
12/15	3058298	120
18	3058299	120
22	3058300	100
28	3058301	90
35	3058302	60
42	3058303	48

13 mm

INSULATION THICKNESS

ID mm	SAP	m/ 	ID mm
12/15	3058304	100	12/15
18	3058305	96	18
22	3058306	80	22
28	3058307	64	28
35	3058308	48	35
42	3058309	40	42

20 mm

INSULATION THICKNESS

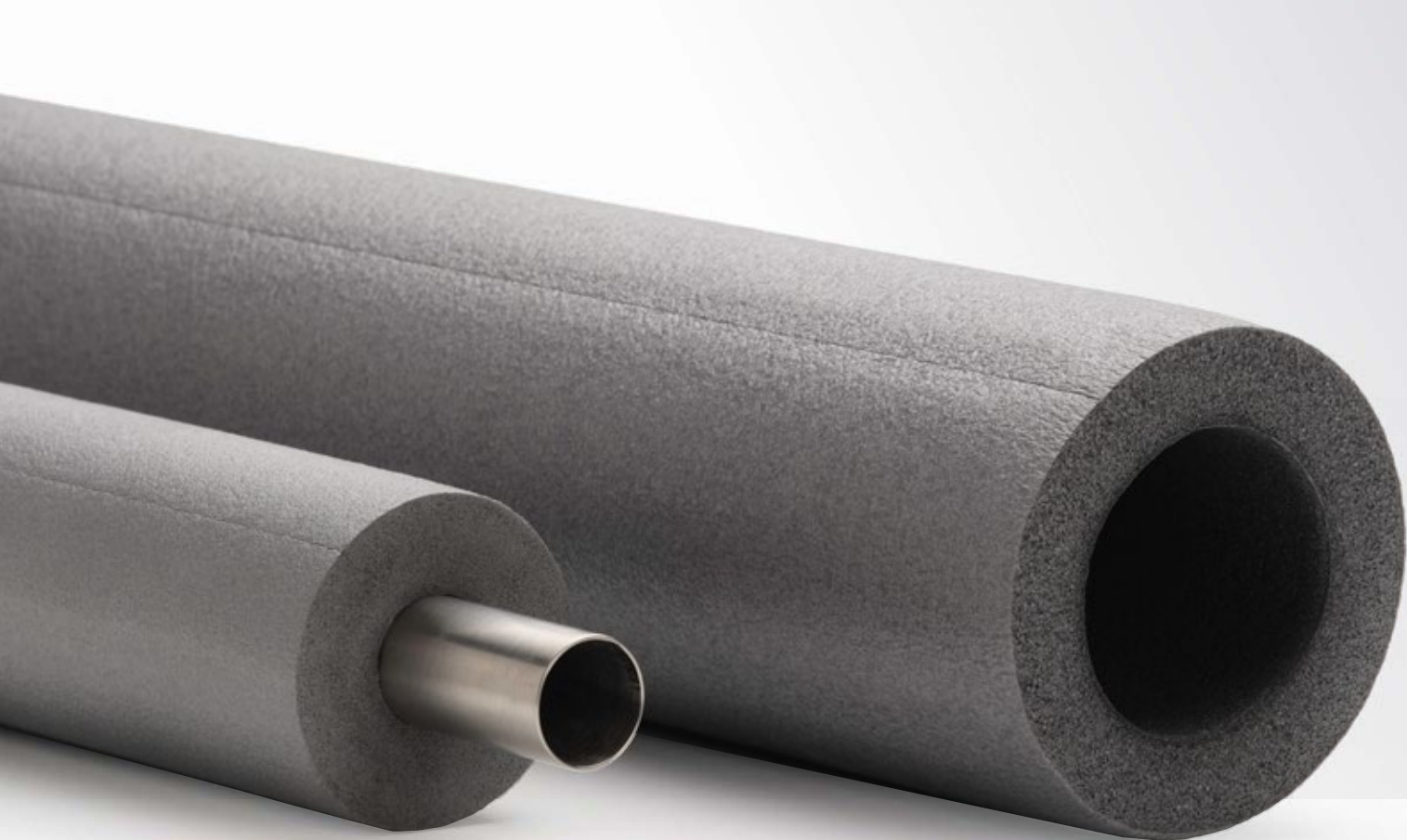
12/15	3058310	58
18	3058311	56
22	3058312	48
28	3058313	40
35	3058314	32
42	3058315	24

25 mm

INSULATION THICKNESS

12/15	3058316	40	12/15
18	3058317	38	18
22	3058318	36	22
28	3058319	30	28
35	3058320	26	35
42	3058321	24	42

 390 x 2050 x 290 mm



CLIMAFLEX®

premium

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of foamed, closed-cell polyethylene (PE).

LENGTH

2 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

APPLICATION AREA

Heating and plumbing

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C

0,040 W/mK at 40 °C

0,045 W/mK at 70 °C

FIRE PERFORMANCE (EN 13501-1)

Insulation thickness 6-25 mm:

B₁s1d0

Insulation thickness 30 mm:

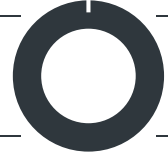
D₁s1d0

ADVANTAGES

- Reduces heat loss thanks to its low thermal conductivity.
- Helps support energy-efficient operation of sanitary and heating systems by reducing heat loss.
- Can reduce flow and cracking noises, thereby improving acoustic comfort.

CLIMAFLEX®

premium



6 mm

INSULATION THICKNESS

9 mm

INSULATION THICKNESS

13 mm

INSULATION THICKNESS

ID mm	SAP	m/	SAP	m/	SAP	m/	ID mm
15	3047347	440	3047352	380	3047367	256	15
18	3047348	400	3047353	330	3047368	220	18
22	3047349	320	3047355	250	3047369	180	22
28	3047350	250	3047357	190	3047370	140	28
35	3047351	180	3047359	150	3047371	120	35
42	-	-	3047360	110	3047372	90	42
48	-	-	3047361	90	3047373	70	48
54	-	-	3047362	70	3047374	66	54
60	-	-	3047363	66	3047375	48	60
63	-	-	3047364	66	3047376	48	63
76	-	-	3047365	48	3047377	40	76
89	-	-	3047366	40	3047378	30	89
102	-	-	-	-	3047379	24	102
108	-	-	-	-	3047380	22	108
114	-	-	-	-	3047381	22	114
125	-	-	-	-	3051801	16	125

20 mm

INSULATION THICKNESS

25 mm

INSULATION THICKNESS

30 mm

INSULATION THICKNESS

15	3047382	134	3047398	90	-	-	15
18	3047383	126	3047399	90	-	-	18
22	3047384	108	3047400	70	3013981	60	22
28	3047385	96	3047401	66	3013982	54	28
35	3047386	70	3047402	56	3013983	48	35
42	3047387	60	3047403	48	3013984	40	42
48	3047388	48	3047404	40	3015382	32	48
54	3047389	48	-	-	3015383	28	54
60	3047390	40	3047405	30	3016103	24	60
63	3047391	40	-	-	3047466	24	63
76	3047392	26	3047406	24	3014272	22	76
89	3047393	24	3047407	16	3016356	18	89
102	3047394	20	-	-	-	-	102
108	3047395	16	-	-	-	-	108
114	3047396	14	3047408	12	3016357	12	114
125	3047397	12	-	-	-	-	125

 400 x 2110 x 320 mm

CLIMAFLEX®

basic
stabil



TECHNICAL INFORMATION

MATERIAL

Flexible insulating material made of foamed, closed-cell polyethylene with a protective skin.

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C
0,040 W/mK at 40 °C
0,045 W/mK at 70 °C

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

LENGTH

10 m

APPLICATION AREA

Heating and plumbing

FIRE PERFORMANCE (EN 13501-1)

Euroclass E

Blue 6 mm

INSULATION THICKNESS

Red 6 mm

INSULATION THICKNESS

ID	SAP	m/📦	RBG	€/m	SAP	m/📦	RBG	€/m	ID
12/15	3053300	300	BC0	1,80	3047294	300	BC0	1,80	12/15
18	3047295	270	BC0	2,03	3047296	270	BC0	2,03	18
22	3047297	250	BC0	2,08	3047298	250	BC0	2,08	22
28	3047299	220	BC0	2,52	3047300	220	BC0	2,52	28
35	3047301	180	BC0	3,13	3047302	180	BC0	3,13	35

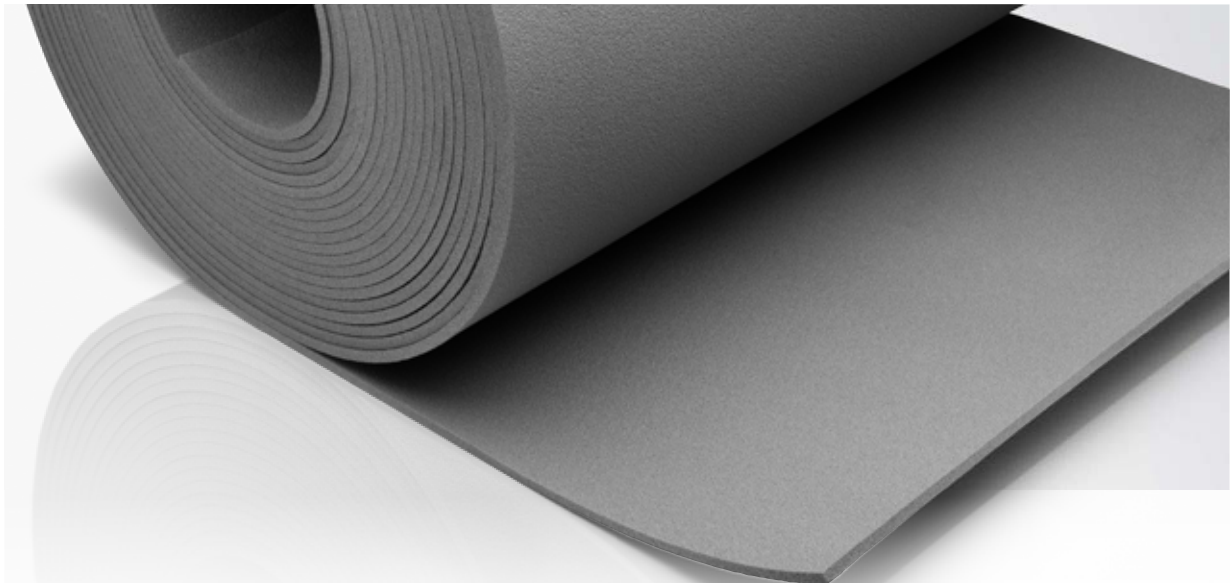
📦 1020 x 600 x 400 mm

ADVANTAGES

- Tear-resistant outer skin for protection against mechanical impact during installation and underground laying.
- For insulating cold-water and drinking-water pipes to reduce heat transfer and limit condensation.

CLIMAFLEX®

roll



TECHNICAL INFORMATION

MATERIAL

Flexible insulating material made of closed-cell, cross-linked polyethylene foam.

LENGTH

30 m / 25 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

FIRE PERFORMANCE

(EN 13501-1)

Euroclass E

THERMAL CONDUCTIVITY

(EN ISO 12667)

0,039 W/mK at 0 °C

0,045 W/mK at 40 °C

0,051 W/mK at 90 °C

APPLICATION AREA

Heating and plumbing

ADVANTAGES

- Suitable for cutting and fitting complex geometries such as flanges, large-diameter pipes and ventilation ducts in heating and plumbing applications.
- Contributes to the energy-efficient operation of heating and plumbing systems by reducing heat loss.
- The closed-cell material structure can reduce flow and creaking noises, thereby improving acoustic comfort.

10 mm

INSULATION THICKNESS

SAP	m ² /📦
3039276	30

15 mm

INSULATION THICKNESS

SAP	m ² /📦
3039295	25

20 mm

INSULATION THICKNESS

SAP	m ² /📦
3039296	25

📦 10 mm: 650 x 1000 x 650 mm 📦 15 mm: 750 x 1000 x 750 mm 📦 20 mm: 850 x 1000 x 850 mm

CLIMAFLEX®

silence



TECHNICAL INFORMATION

MATERIAL

Sound damping tube made of closed-cell foam based on polyethylene with a robust outer skin.

LENGTH

10 m

TEMPERATURE RANGE

(EN 14707)

Up to +95 °C

FIRE PERFORMANCE

(EN 13501-1)

Euroclass E

APPLICATION AREA

Cast iron and plastic waste water pipes

Ventilation pipes

ADVANTAGES

- For structure-borne sound insulation and thermal insulation of wastewater pipes, ventilation pipes and ducts
- Suitable for plastic pipes, cast iron pipes and ventilation ducts
- Internal slip film enables quick and easy installation, even on long pipe runs
- Durable outer jacket protects both insulation and piping against mechanical damage

4 mm

INSULATION THICKNESS

ID mm	SAP	m/📦
50	3016175	110
70	3016177	80
90	3016179	60
100	3016180	50
125	3016181	40

9 mm

INSULATION THICKNESS

ID mm	SAP	m/📦
50	3016182	40
70	3016183	20
90	3016184	20
100	3016185	20
125	–	–

📦 395 x 295 x 1000 mm

CLIMAFLEX®

protect



TECHNICAL INFORMATION

MATERIAL

Tube made of closed-cell foam based on polyethylene with a robust outer skin.

LENGTH

10 m

TEMPERATURE RANGE

(EN 14707)

Up to +95 °C

FIRE PERFORMANCE

(EN 13501-1)

Euroclass E

APPLICATION AREA

Cold water pipes

ADVANTAGES

- Suitable for insulating drinking-water and cold-water pipes in accordance with DIN 1988-200, particularly for concealed and screed applications with increased mechanical protection requirements.
- Helps limit condensation on cold-running metal and plastic pipes.
- Can reduce flow and cracking noises in piping systems.
- The integrated inner sliding film allows the insulation tube to be pushed quickly and easily onto the pipe.

4 mm

INSULATION THICKNESS

ID mm	SAP	m/ 	ID mm
15	3016187	280	15
18	3016188	240	18
22	3016189	240	22
28	3016190	210	28
35	3016191	160	35
42	3016192	120	42

 395 x 295 x 1000 mm



CLIMATUBE® easy

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of foamed, closed-cell polyethylene (PE), featuring a double-sided self-adhesive closure system.

LENGTH

1 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

APPLICATION AREA

Heating and plumbing

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C

0,040 W/mK at 40 °C

0,045 W/mK at 70 °C

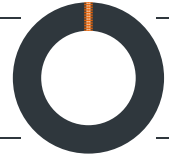
FIRE PERFORMANCE (EN 13501-1)

Euroclass E

ADVANTAGES

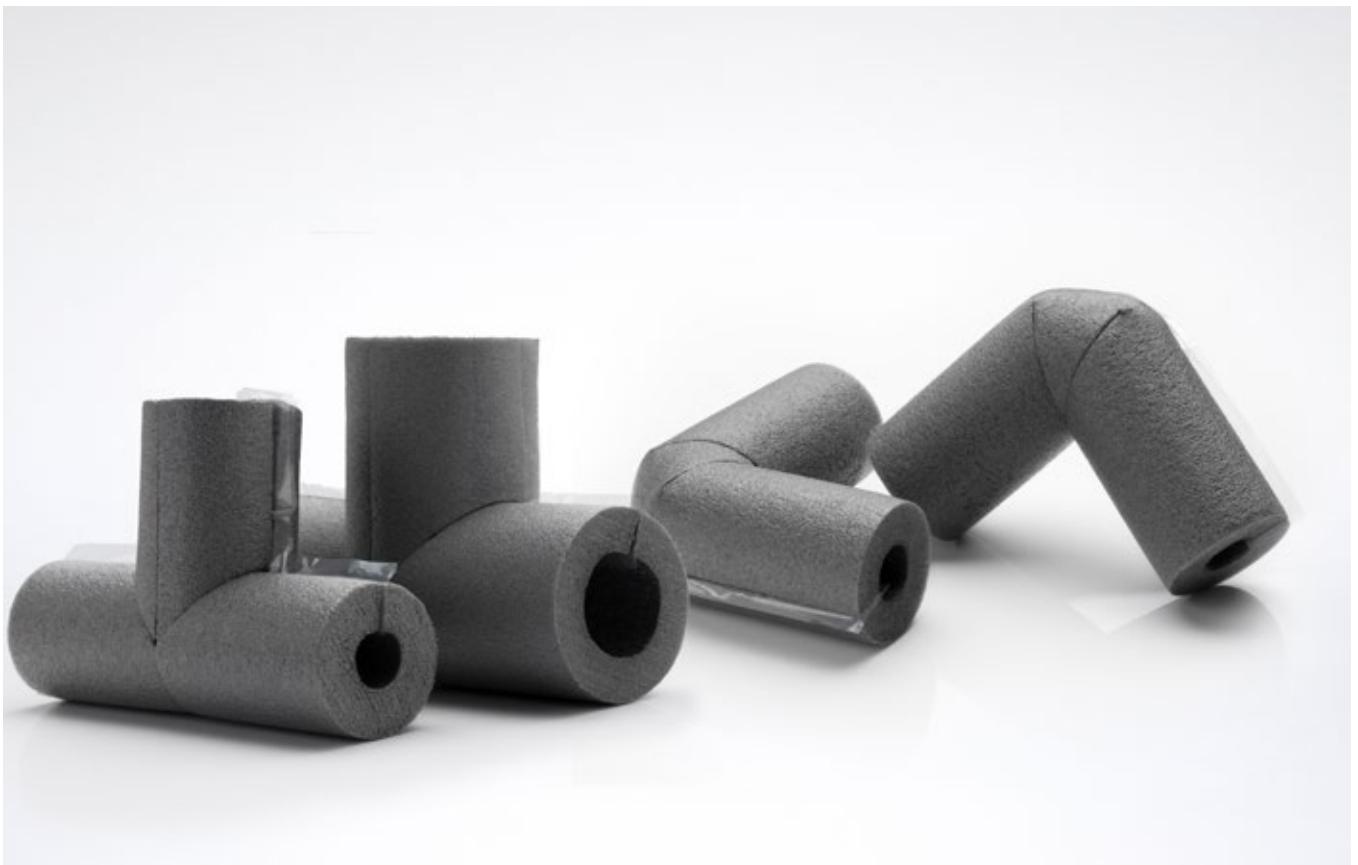
- Closed-cell foam structure providing consistent and reproducible insulation performance
- Double-sided self-adhesive closure system for easy installation
- Thermal insulation function designed to the reduction of heat transfer within piping systems, depending on system design, installation conditions and application
- A line of accessories featuring T-fittings and elbows for a professional system solution

CLIMATUBE® easy



ID mm	25 mm INSULATION THICKNESS		T-Stücke 13 mm INSULATION THICKNESS		Bows 13 mm INSULATION THICKNESS		Bows 25 mm INSULATION THICKNESS		ID mm
	SAP	m/	SAP	St./	SAP	St./	SAP	St./	
12/15	3014087	24	3051772	40	3051777	40	3051790	21	12/15
18	3014092	20	3051773	40	3051782	40	3051791	18	18
22	3014089	20	3051774	32	3051785	32	3051792	18	22
28	3014093	16	3051775	21	3051786	26	3051793	16	28
35	-	-	-	-	3051788	23	-	-	35
42	-	-	-	-	3051789	19	-	-	42

582 x 1040 x 377 mm



CLIMATUBE® basic



TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of foamed, closed-cell polyethylene (PE).

LENGTH

1 m

TEMPERATURE RANGE (EN 14707)

0 °C to +100 °C

APPLICATION AREA

Cold water pipes

THERMAL CONDUCTIVITY (EN ISO 8497)

0,041 W/mK at 0 °C

0,049 W/mK at 40 °C

0,055 W/mK at 70 °C

FIRE PERFORMANCE (EN 13501-1)

Euroclass E

ADVANTAGES

- To reduce surface condensation and the risk of moisture-related corrosion
- Helps protect piping from condensation
- Sound-insulating properties to reduce flow and cracking noises

9 mm INSULATION THICKNESS			13 mm INSULATION THICKNESS		20 mm INSULATION THICKNESS		ID mm
ID mm	SAP	m/	SAP	m/	SAP	m/	
12/15	3051650	150	3051651	98	3051653	61	12/15
18	3051654	125	3051656	93	3051657	55	18
22	3051658	110	3051659	75	3051660	50	22
28	3051661	85	3051662	62	3051663	40	28
35	3051664	61	3051665	50	-	-	35
42	3051666	44	3051667	39	-	-	42

582 x 1040 x 377 mm

CLIMATUBE® wool

TECHNICAL INFORMATION

MATERIAL

Fire-resistant pipe insulation made of mineral wool with a self-adhesive closure flap.

LENGTH

1 m

TEMPERATURE RANGE (EN 14707)

0 °C to +250 °C

MELTING POINT

> 1000 °C

APPLICATION AREA

Heating and domestic hot water systems, piping, HVAC ductwork, and solar piping

THERMAL CONDUCTIVITY

(EN ISO 8497)

0,034 W/mK at 10 °C

0,037 W/mK at 40 °C

0,055 W/mK at 150 °C

FIRE PERFORMANCE

(EN 13501-1)

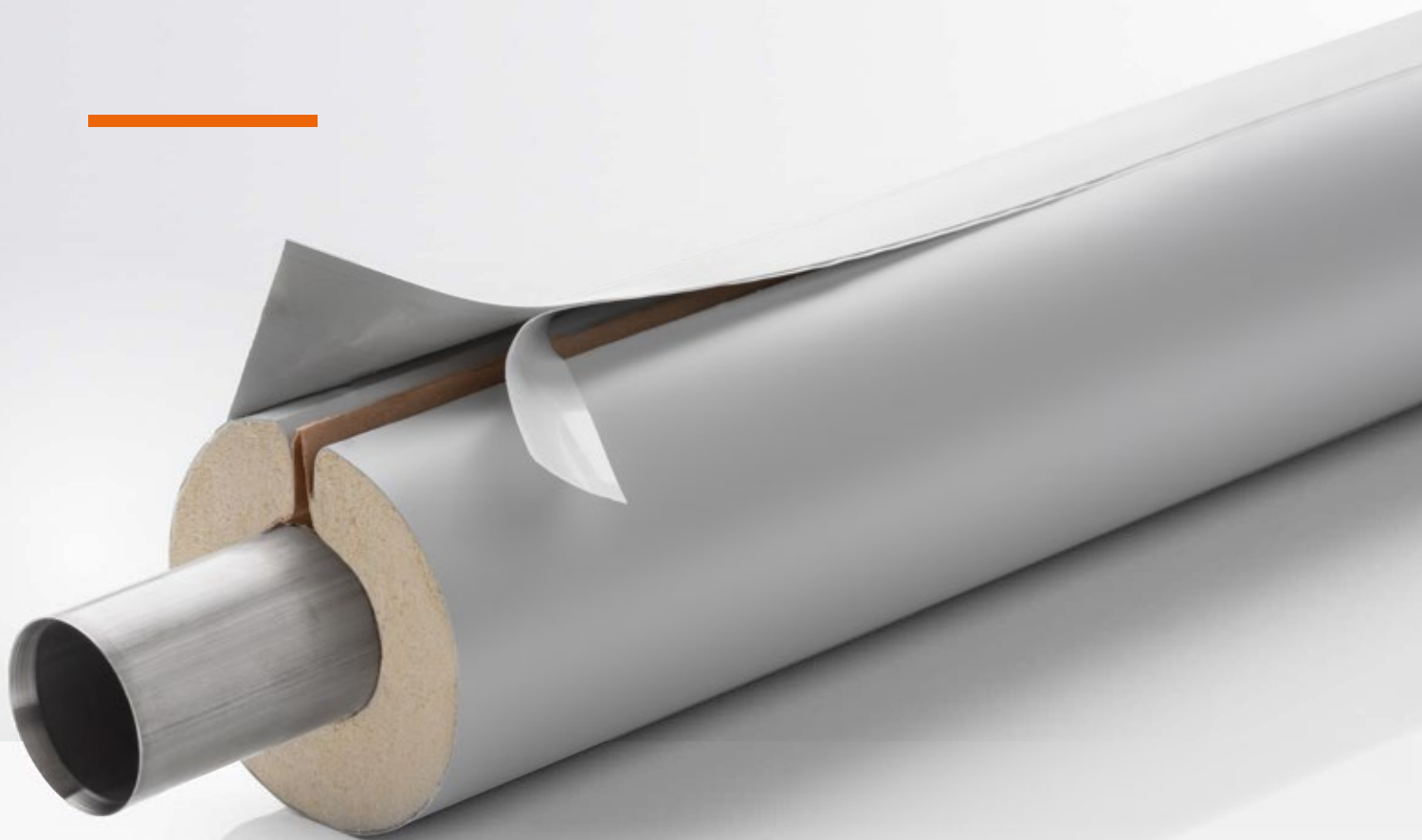
A2sl d0 (nicht brennbar)

ADVANTAGES

- High insulation performance due to low thermal conductivity, reducing heat loss
- Non-combustible pipe insulation with excellent fire resistance (Building Material Class A2)
- Mesh-reinforced aluminum laminate for high mechanical stability and reliable surface protection
- Self-adhesive closure flap for quick, easy, and secure installation

20 mm INSULATION THICKNESS			30 mm INSULATION THICKNESS			40 mm INSULATION THICKNESS		
ID mm	SAP	m/📦	SAP	m/📦		SAP	m/📦	ID mm
15	3007768	42	-	-		-	-	15
18	3007769	42	-	-		-	-	18
22	3007771	36	-	-		-	-	22
28	3007773	30	3051765	16		-	-	28
35	3007776	25	3051766	16		-	-	35
42	3007777	20	-	-		3051768	9	42
48	3007779	20	-	-		3051769	9	48
54	-	-	-	-		3051770	8	54
60	3007781	15	-	-		3051771	6	60

📦 410 x 1020 x 410 mm



ISOTUBE®

TECHNICAL INFORMATION

MATERIAL

PU foam pipe insulation with PVC jacketing and a self-adhesive closure system.

LENGTH

1 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,032 W/mK at 10 °C
0,036 W/mK at 40 °C
0,038 W/mK at 50 °C
0,042 W/mK at 70 °C

TEMPERATURE RANGE (EN 14707)

0 °C to 140 °C

FIRE PERFORMANCE (EN 13501-1)

E₁,d0

PROCESSING TEMPERATURE ≥ +5 °C

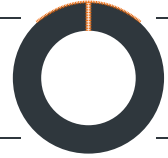
APPLICATION AREA

Heating and plumbing

ADVANTAGES

- High insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Robust factory-applied PVC protective jacketing for increased durability and an attractive appearance.
- Prefabricated 90° system elbows for fast and clean installation of pipe bends without mitre cuts.
- Self-adhesive closure system for quick, easy and secure installation, even on existing pipework.

ISOTUBE®



20 mm INSULATION THICKNESS

ID mm	SAP	m/
15	3050477	70
18	3050479	70
22	3050480	60
28	3008540	48
35	3052226	40
42	-	-
48	-	-
60	-	-

30 mm INSULATION THICKNESS

ID mm	SAP	m/
15	-	-
18	-	-
22	-	-
28	3008555	28
35	3008556	24
42	-	-
48	-	-
60	-	-

40 mm INSULATION THICKNESS

15	-	-
18	-	-
22	-	-
28	-	-
35	-	-
42	3008557	15
48	3008558	12
60	-	-

50 mm INSULATION THICKNESS

15	-	-
18	-	-
22	-	-
28	-	-
35	-	-
42	-	-
48	-	-
60	3016377	7

BOWS

20 mm

INSULATION THICKNESS

ID mm	SAP	St./
18	3008512	20
22	3008513	20
28	3008514	20
35	3008515	20
42	-	-
48	-	-
60	-	-

30 mm

INSULATION THICKNESS

ID	SAP	St./
18	-	-
22	-	-
28	3008523	20
35	3008524	20
42	-	-
48	-	-
60	-	-

40 mm

INSULATION THICKNESS

ID	SAP	St./
18	-	-
22	-	-
28	-	-
35	-	-
42	3008527	10
48	3008528	10
60	-	-

50 mm

INSULATION THICKNESS

ID	SAP	St./
18	-	-
22	-	-
28	-	-
35	-	-
42	-	-
48	-	-
60	3008530	10

BOWS

1m Length: 600 x 1050 x 400 mm

Bows: 260 x 380 x 260 mm



INSUL-TUBE®

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell synthetic rubber.

LENGTH

2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

6-25 mm

0,033 W/mK at -30 °C

0,034 W/mK at 0 °C

0,038 W/mK at 40 °C

0,041 W/mK at 70 °C

32-60 mm

0,031 W/mK at -30 °C

0,035 W/mK at 0 °C

0,040 W/mK at 40 °C

0,043 W/mK at 70 °C

TEMPERATURE RANGE (EN 14707)

-30 °C to +110 °C

FIRE PERFORMANCE (EN 13501-1)

B₁s3d0

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

≤ 25 mm: 10.000 μ

≥ 32 mm: 7.000 μ

APPLICATION AREA

Heating and plumbing

Air conditioning

Cooling systems

Shipbuilding

ADVANTAGES

- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Reduces condensation build-up and helps protect against moisture-related corrosion.
- Closed-cell material structure with high resistance to water vapour diffusion.
- Sound-insulating properties help reduce flow and operating noise.

INSUL-TUBE®



6 mm INSULATION THICKNESS			9 mm INSULATION THICKNESS			13 mm INSULATION THICKNESS		
ID mm	SAP	m/📦	SAP	m/📦	SAP	m/📦	ID mm	
6	3044209	500	3044210	330	3012084	240	6	
8	3044211	480	3044212	310	-	-	8	
10	3010541	430	3044213	290	3011134	190	10	
12	3010543	350	3044214	250	3011135	172	12	
15	3010554	300	3044216	212	3044217	140	15	
18	3010555	280	3044219	160	3011136	130	18	
20	-	-	-	-	3044220	110	20	
22	3010557	216	3044221	140	3044222	98	22	
25	-	-	3028316	130	3012003	92	25	
28	3010558	150	3011124	124	3010915	86	28	
32	-	-	-	-	3012248	76	32	
35	3010559	120	3011125	92	3011005	76	35	
40	-	-	-	-	3028050	56	40	
42	-	-	3011127	70	3011004	56	42	
48	-	-	3011128	60	3011001	48	48	
50	-	-	-	-	3028318	46	50	
54	-	-	3010911	60	3011137	46	54	
60	-	-	3011129	60	3011138	40	60	
64	-	-	3011130	54	3011139	40	64	
67	-	-	-	-	3012004	40	67	
70	-	-	-	-	-	-	70	
76	-	-	3011131	54	3010999	34	76	
80	-	-	-	-	3011716	30	80	
89	-	-	3011132	36	3010918	30	89	
102	-	-	3011741	28	3011140	30	102	
108	-	-	3011714	28	3011141	28	108	
114	-	-	3011133	28	3011142	28	114	
125	-	-	-	-	3011434	20	125	
133	-	-	-	-	3011435	18	133	
140	-	-	-	-	-	-	140	
160	-	-	-	-	3011436	16	160	

📦 400 x 2110 x 320 mm

INSUL-TUBE®



19 mm INSULATION THICKNESS			25 mm INSULATION THICKNESS			32 mm INSULATION THICKNESS		
ID mm	SAP	m/	SAP	m/	SAP	m/	ID mm	
6	-	-	-	-	-	-	6	
8	-	-	-	-	-	-	8	
10	3011080	106	3003533	60	-	-	10	
12	3011718	100	3044215	50	3033764	36	12	
15	3011002	86	3038258	50	3011171	32	15	
18	3011144	78	3011159	50	3011172	32	18	
20	3028317	76	3003536	50	-	-	20	
22	3010920	74	3011160	42	3044223	26	22	
25	3012006	60	3033756	40	-	-	25	
28	3010998	58	3011162	40	3001637	24	28	
32	3012007	54	3033757	36	3033766	24	32	
35	3010916	48	3011163	32	3011722	24	35	
40	3028049	40	-	-	-	-	40	
42	3011000	40	3011165	24	3011441	18	42	
48	3011003	30	3011167	24	3011451	18	48	
50	3028319	30	-	-	-	-	50	
54	3010917	30	3011168	22	3044226	16	54	
60	3011148	28	3011169	22	3011440	16	60	
64	3011150	28	3012333	18	3044227	14	64	
67	3012329	28	3011853	18	3011445	14	67	
70	-	-	3033760	18	3011447	14	70	
76	3011151	28	3011170	18	3011742	12	76	
80	3011721	26	-	-	3011452	12	80	
89	3011154	22	3011666	14	3011448	10	89	
102	3011156	20	3033761	12	3033769	10	102	
108	3011380	20	3011665	10	3011446	8	108	
114	3011157	18	3011470	10	3011450	8	114	
125	3012214	18	3033762	8	3012008	6	125	
133	3011437	12	3012215	8	3011453	6	133	
140	3011438	10	3013384	6	3012673	6	140	
160	3011439	8	3033763	4	3011449	4	160	

400 x 2110 x 320 mm

INSUL-TUBE®



40 mm INSULATION THICKNESS

50 mm INSULATION THICKNESS

ID mm	SAP	m/📦	SAP	m/📦	ID mm
6	-	-	-	-	6
8	-	-	-	-	8
10	-	-	-	-	10
12	-	-	-	-	12
15	-	-	-	-	15
18	3012340	22	-	-	18
20	-	-	-	-	20
22	3012341	22	-	-	22
25	-	-	-	-	25
28	3015454	16	-	-	28
32	3033770	16	-	-	32
35	3044224	12	3043435	8	35
40	-	-	-	-	40
42	3044225	12	3043436	8	42
48	3015444	12	3042165	8	48
50	-	-	-	-	50
54	3011908	10	3015460	8	54
60	3015298	10	3013610	8	60
64	3015299	10	3043069	8	64
67	-	-	-	-	67
70	3033772	10	-	-	70
76	3012086	10	3013611	6	76
80	3015300	10	-	-	80
89	3012087	8	3012390	6	89
102	3015457	6	-	-	102
108	3015458	6	-	-	108
114	3038031	4	-	-	114
125	3015459	4	-	-	125
133	-	-	-	-	133
140	3038032	4	-	-	140
160	3013792	4	-	-	160

📦 400 x 2110 x 320 mm



INSUL-TUBE®

xt

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell synthetic rubber with a double-sided self-adhesive closure system.

LENGTH

2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

9-25 mm

0,033 W/mK at -30 °C

0,034 W/mK at 0 °C

0,038 W/mK at 40 °C

0,041 W/mK at 70 °C

32 mm

0,031 W/mK at -30 °C

0,035 W/mK at 0 °C

0,040 W/mK at 40 °C

0,043 W/mK at 70 °C

TEMPERATURE RANGE (EN 14707)

-30 °C to +85 °C

FIRE PERFORMANCE (EN 13501-1)

B₁s3d0

APPLICATION AREA

Heating and plumbing

Air conditioning

Cooling systems

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

≤ 25 mm: 10.000 μ

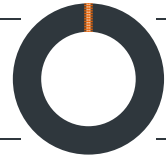
≥ 32 mm: 7.000 μ

PROCESSING TEMPERATURE ≥ +5 °C

ADVANTAGES

- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Reduces condensation build-up and helps protect against moisture-related corrosion.
- Closed-cell material structure with high resistance to water vapour diffusion.
- Sound-insulating properties help reduce flow and operating noise.
- Double-sided self-adhesive closure system for quick, easy and secure installation, even on existing pipework.

INSUL-TUBE® xt



9 mm INSULATION THICKNESS			13 mm INSULATION THICKNESS			19 mm INSULATION THICKNESS		
ID mm	SAP	m/📦	SAP	m/📦		SAP	m/📦	ID mm
6	-	-	-	-		-	-	6
8	-	-	-	-		-	-	8
10	3044230	290	-	-		-	-	10
12	3044232	250	3042319	172		3042288	100	12
15	3044234	212	3044236	140		3042336	86	15
18	3044239	160	3042321	130		3042337	78	18
20	-	-	-	-		-	-	20
22	3044242	140	3044244	98		3042338	74	22
25	-	-	-	-		-	-	25
28	3042309	124	3042323	86		3042339	58	28
32	-	-	-	-		-	-	32
35	3042310	92	3042324	76		3042340	48	35
40	-	-	-	-		-	-	40
42	3042311	70	3042325	56		3042341	40	42
45	-	-	-	-		-	-	45
48	3042312	60	3042326	48		3042342	30	48

25 mm INSULATION THICKNESS			32 mm INSULATION THICKNESS					
ID mm	SAP	m/📦	SAP	m/📦				ID mm
6	-	-	-	-				6
8	-	-	-	-				8
10	-	-	-	-				10
12	-	-	-	-				12
15	3044237	50	3042361	32				15
18	3042352	50	3042362	32				18
20	-	-	-	-				20
22	3042353	42	3042363	26				22
25	-	-	-	-				25
28	3042354	40	3042295	24				28
32	-	-	-	-				32
35	3042355	32	3042296	24				35
40	-	-	-	-				40
42	3042356	24	3042297	18				42
45	-	-	-	-				45
48	3042357	24	3042298	18				48

📦 400 x 2110 x 320 mm



INSUL-TUBE®

coil

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell synthetic rubber supplied as a continuous tube on a roll.

LENGTH

10 to 50 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,033 W/mK at -30 °C

0,034 W/mK at 0 °C

0,038 W/mK at 40 °C

0,041 W/mK at 70 °C

TEMPERATURE RANGE (EN 14707)

-30 °C to +110 °C

FIRE PERFORMANCE (EN 13501-1)

B₁s3d0

APPLICATION AREA

Heating and plumbing

Air conditioning

Cooling systems

Shipbuilding

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

10.000 μ

ADVANTAGES

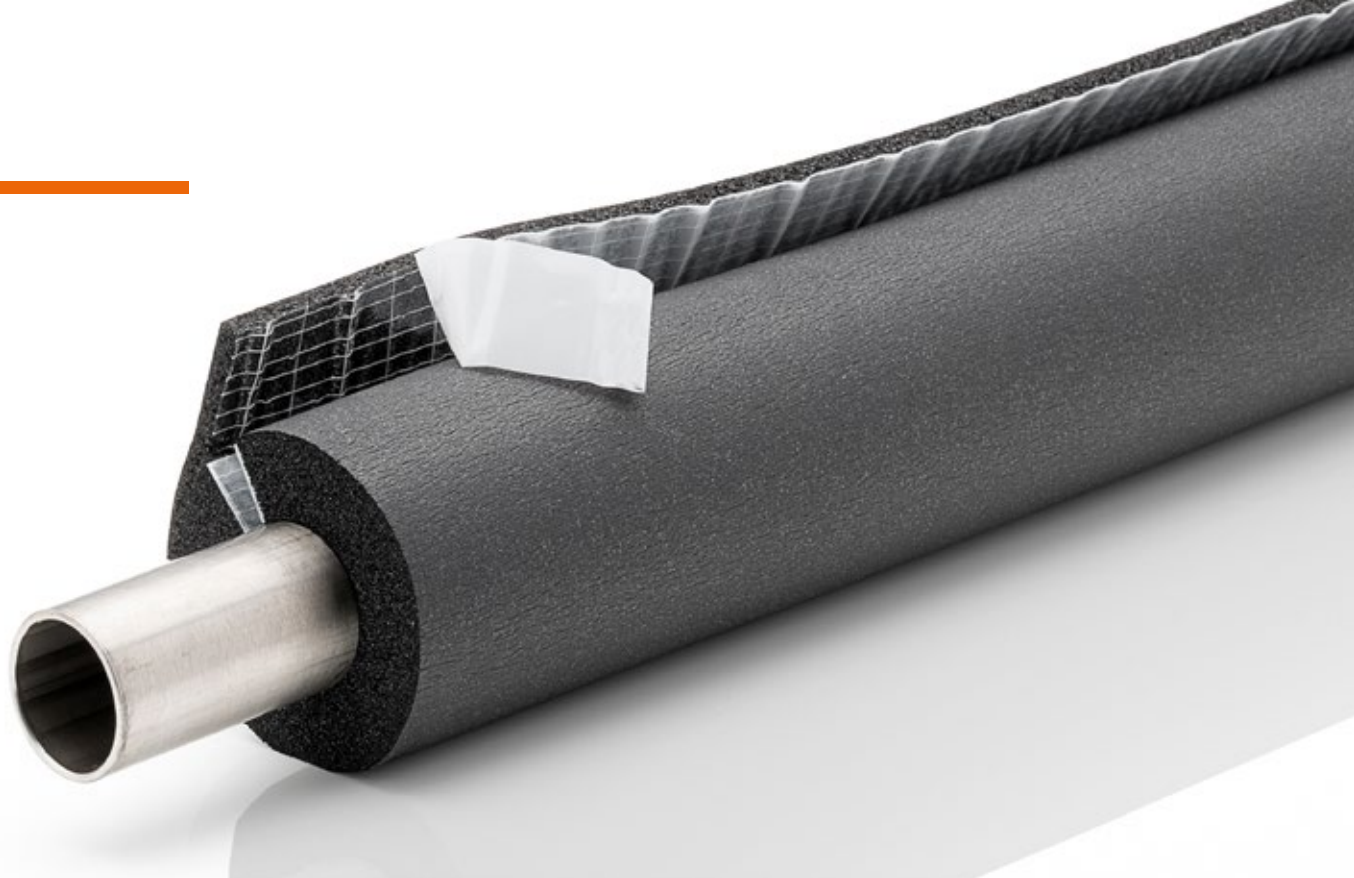
- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Reduces condensation build-up and helps protect against moisture-related corrosion.
- Closed-cell material structure with high resistance to water vapour diffusion.
- Sound-insulating properties help reduce flow and operating noise
- Continuous tube format for flexible length adjustment according to project requirements.
- Reduced material waste through precise cutting.
- Fewer bonded joints for more efficient installation and a clean insulation finish.



INSUL-TUBE® | coil



6 mm INSULATION THICKNESS			9 mm INSULATION THICKNESS		13 mm INSULATION THICKNESS		ID mm
ID mm	SAP	m/📦	SAP	m/📦	SAP	m/📦	
6	3003541	50	3008567	40	3003552	26	6
8	3003543	48	3008568	37	-	-	8
10	3008565	46	3008569	34	3001758	23	10
12	3008566	40	3003857	31	3001759	18	12
15	3034276	38	3008570	27	3001760	17	15
18	3034277	30	3008571	23	3001761	15	18
22	3034278	23	3008572	19	3001762	14	22
28	3034279	20	3008573	14	3001763	10	28
📦 560 x 290 x 560 mm							



INSUL-TUBE®

xt/lt

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell synthetic rubber with an integrated double-sided self-adhesive closure system and rubber adhesive tape.

LENGTH

2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,033 W/mK at -30 °C

0,034 W/mK at 0 °C

0,038 W/mK at 40 °C

0,041 W/mK at 70 °C

TEMPERATURE RANGE (EN 14707)

-30 °C to +85 °C

FIRE PERFORMANCE (EN 13501-1)

C_s3d0

APPLICATION AREA

Heating and plumbing

Air conditioning

Cooling systems

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

10.000 μ

PROCESSING TEMPERATURE ≥ +5 °C

ADVANTAGES

- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Reduces condensation build-up and helps protect against moisture-related corrosion.
- Closed-cell material structure with high resistance to water vapour diffusion.
- Sound-insulating properties help reduce flow and operating noise.
- Integrated double-sided self-adhesive closure system with additional joint sealing using rubber adhesive tape, ensuring permanently closed insulation.

INSUL-TUBE®

xt/lft



9 mm INSULATION THICKNESS

ID mm	SAP	m/📦
12	3033325	210
15	3033326	180
18	3033327	142
22	3033328	116
28	3033330	92
35	3033332	68
42	3033333	52
48	3033335	44
54	3033336	44
60	3033338	44
64	3033339	40
76	3033341	40
89	3033342	26

13 mm INSULATION THICKNESS

SAP	m/📦	ID mm
3015063	120	12
3015064	112	15
3015065	100	18
3011426	84	22
3011427	76	28
3011428	60	35
3011429	40	42
3015066	36	48
3015067	32	54
3011430	30	60
3033350	30	64
3015068	22	76
3015069	20	89

19 mm INSULATION THICKNESS

SAP	m/📦	ID mm
3033353	74	12
3001590	86	15
3001591	78	18
3015070	50	22
3015071	40	28
3015072	32	35
3015073	32	42
3011374	30	48
3015074	22	54
3015075	18	60
3033358	18	64
3015076	12	76
3015077	12	89

25 mm INSULATION THICKNESS

SAP	m/📦	ID mm
3033365	48	12
3033366	44	15
3033367	36	18
3033368	30	22
3001622	28	28
3010658	24	35
3033371	18	42
3033373	18	48
3033374	22	54
3033376	16	60
3033377	14	64
3033379	12	76
3033380	10	89

📦 400 x 2110 x 320 mm

INSUL ROLL



TECHNICAL INFORMATION

MATERIAL

Flexible insulation material made of black closed-cell synthetic rubber in roll form.

LENGTH

4 - 20 m

THERMAL CONDUCTIVITY (EN ISO 8497)

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 (EN 14707)

roll: -50 °C to +105 °C

roll xt: -50 °C to +95 °C

FIRE PERFORMANCE (EN 13501-1)

Bs3d0

APPLICATION AREA

Heating and plumbing

Air conditioning

Cooling systems

Shipbuilding

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

≤ 25 mm: 10.000 μ

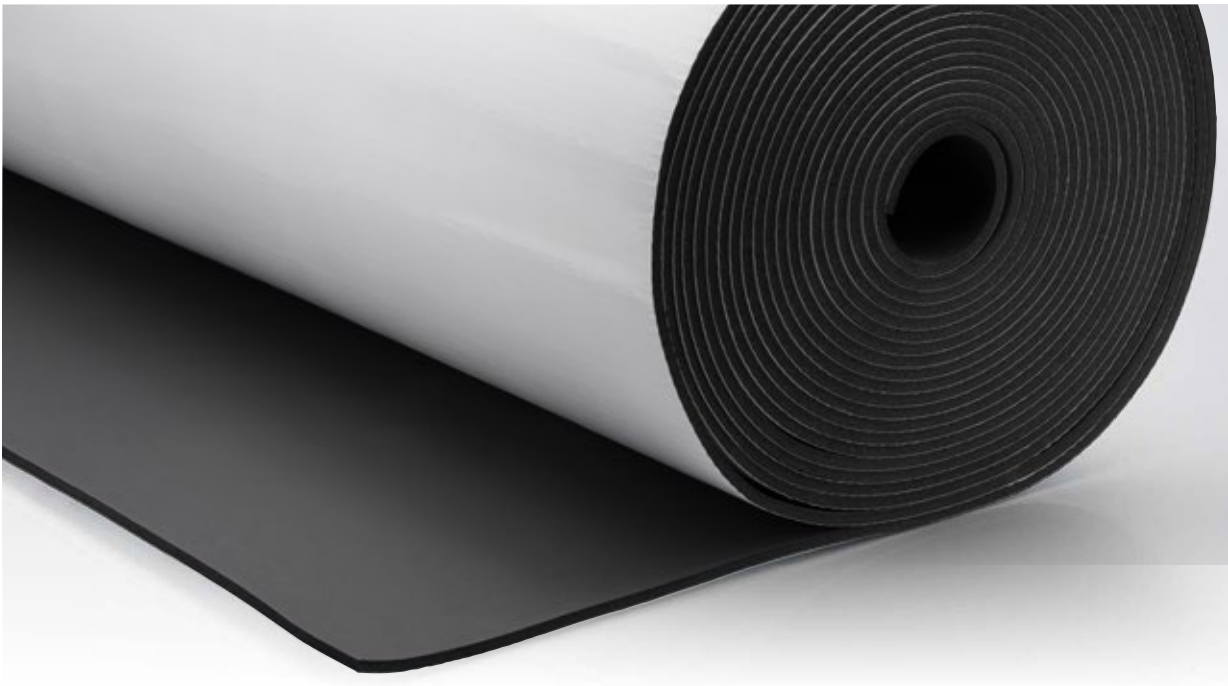
≥ 32 mm: 7.000 μ

ADVANTAGES

- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Reduces condensation build-up and helps protect against moisture-related corrosion.
- Closed-cell material structure with high resistance to water vapour diffusion.
- Sound-insulating properties help reduce flow and operating noise.
- Particularly suitable for custom cutting around large-diameter pipes, HVAC and air ducts, flanges and vessels.
- roll xt version: self-adhesive featuring a special adhesive and additional mesh reinforcement for secure installation.

INSUL ROLL

xt



INSUL ROLL			INSUL ROLL xt		
INSULATION THICKNESS					INSULATION THICKNESS
mm	SAP	m ² / 	SAP	m ² / 	mm
6	3034462	20	3034418	20	6
9	3034463	15	3034419	15	9
13	3034464	11	3034420	11	13
16	3034465	9	3034421	9	16
19	3034466	8	3034422	8	19
25	3034467	6	3034423	6	25
32	3034468	4	3034424	4	32
40	3011522	4	3028620	4	40
50	3043459	4	3026805	4	50
 455 x 1070 x 455 mm					



INSUL-TUBE®

support
& collar

TECHNICAL INFORMATION

MATERIAL

Insulating pipe holder consisting of a PIR shell with black elastomer foam joints, covered with a black PVC tape. Supplied with the matching pipe clips.

THERMAL CONDUCTIVITY (EN ISO 8497)

0,025 W/mK bei 0 °C (PIR-Kern)

TEMPERATURE RANGE (EN 14707)

-45 °C to 105 °C

APPLICATION AREA

Heating and plumbing
Air conditioning
Cooling systems
Kaltwasser-Anwendungen

BULK DENSITY OF THE PIR CORE

80-120 kg/m³

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

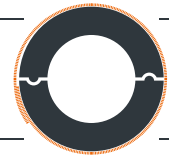
≥ 10.000 μ

ADVANTAGES

- High insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Reduces the formation of condensation and supports protection against moisture-related corrosion at pipe fixing points.

INSUL-TUBE®

support
& collar



13 mm INSULATION THICKNESS

ID mm	SAP	St./
10	3013368	96
12	3002060	96
15	3002061	80
19	3013369	80
22	3002063	60
28	3002064	60
32	3002065	44
35	3002066	44
42	3002067	44
48	3012463	44
54	3002068	32
57	-	-
60	-	-
64	3013370	24
70	3013371	24
76	3013372	24
80	3012777	20
89	3012778	8

19 mm INSULATION THICKNESS

SAP	St./	ID mm
3037421	60	10
3004337	60	12
3002069	60	15
3002070	50	19
3002071	50	22
3002072	40	28
-	-	32
3002073	32	35
3002074	32	42
3012774	24	48
3002075	24	54
-	-	57
3012775	24	60
3002076	24	64
3011819	20	70
3003734	12	76
3002078	12	80
3002079	12	89

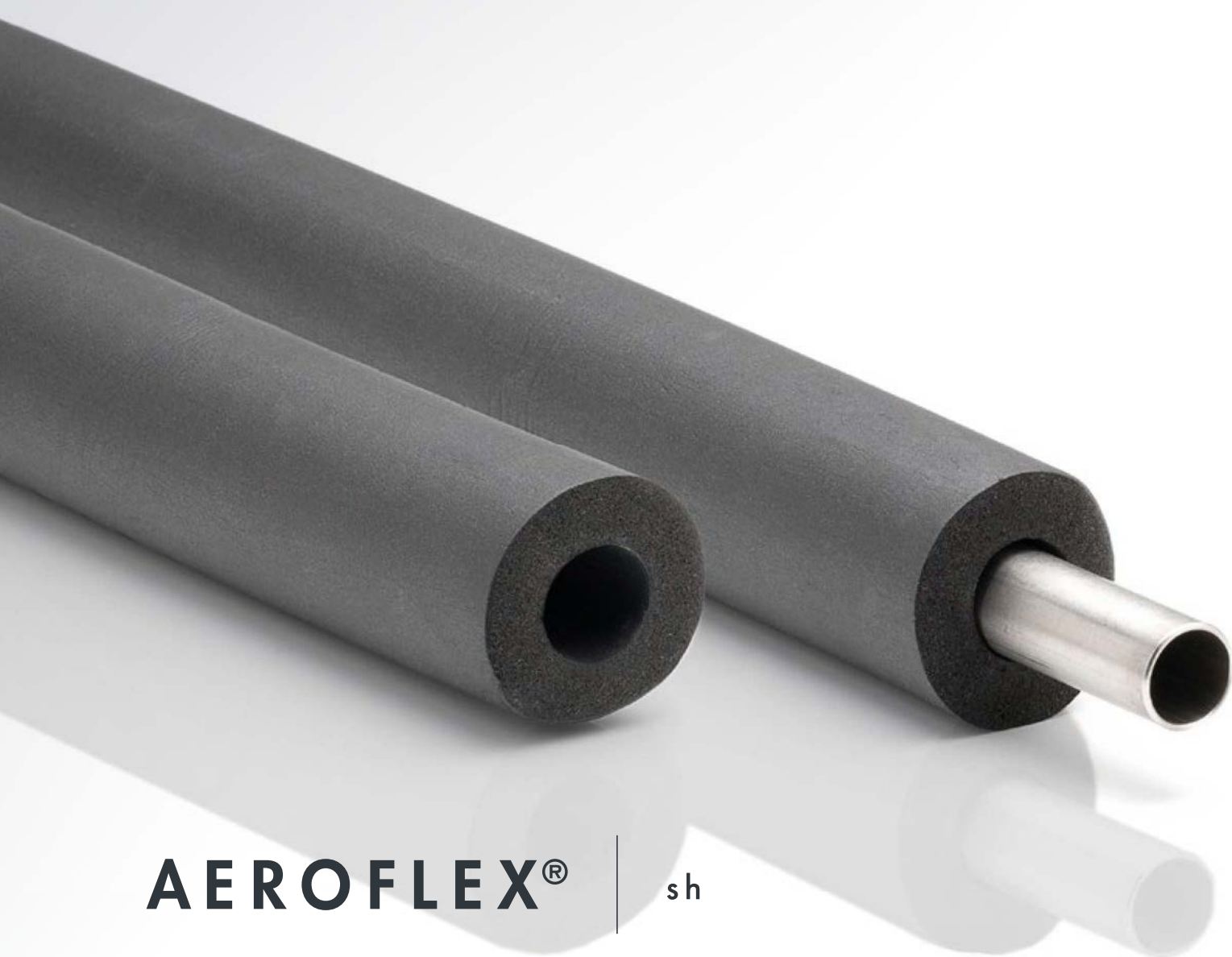
25 mm INSULATION THICKNESS

ID mm	SAP	St./
10	-	-
12	3015750	60
15	3015751	32
19	3015752	32
22	3004479	32
28	3004480	32
32	-	-
35	3004481	24
42	3004482	24
48	-	-
54	3012594	24
57	-	-
60	-	-
64	-	-
70	-	-
76	-	-
80	-	-
89	-	-

32 mm INSULATION THICKNESS

SAP	St./	ID mm
-	-	10
-	-	12
-	-	15
-	-	19
3002081	24	22
3002082	24	28
-	-	32
3002083	24	35
3002084	15	42
-	-	48
3002086	12	54
-	-	57
3002087	12	60
-	-	64
-	-	70
3002089	10	76
-	-	80
-	-	89

230 x 350 x 210 mm



AEROFLEX®

sh

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell EPDM.

LENGTH

2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,035 W/mK at 10 °C
0,038 W/mK at 40 °C

TEMPERATURE RANGE (EN 14707)

bis +110 °C

FIRE PERFORMANCE (EN 13501-1)

C_s2d0

APPLICATION AREA

Heating and plumbing

ADVANTAGES

- Limited smoke generation to meet enhanced fire safety requirements (EN 13501-1).
- High thermal insulation performance to reduce heat loss in building services and industrial installations.
- Sound-insulating properties help reduce operating and flow noise.

AEROFLEX®

sh



10 mm

INSULATION THICKNESS

15 mm

INSULATION THICKNESS

20 mm

INSULATION THICKNESS

ID mm	SAP	IST Dicke	m/📦	SAP	IST Dicke	m/📦	SAP	IST Dicke	m/📦	ID mm
15	3053513	12	100	-	-	-	3053521	24	36	15
18	3053514	12	80	-	-	-	3053522	24	36	18
22	3053515	12	64	-	-	-	3053523	24	32	22
25	-	-	-	-	-	-	-	-	-	25
28	3053516	12	56	3053519	17	36	3053524	23	24	28
35	3053517	12	40	3053520	17	32	-	-	-	35
42	3053518	12	36	-	-	-	3053746	22	16	42
48	3053527	13	32	-	-	-	3053747	23	16	48
54	3053528	13	28	-	-	-	-	-	-	54
60	3053529	13	24	-	-	-	-	-	-	60
76	-	-	-	-	-	-	-	-	-	76
89	-	-	-	-	-	-	-	-	-	89

30 mm

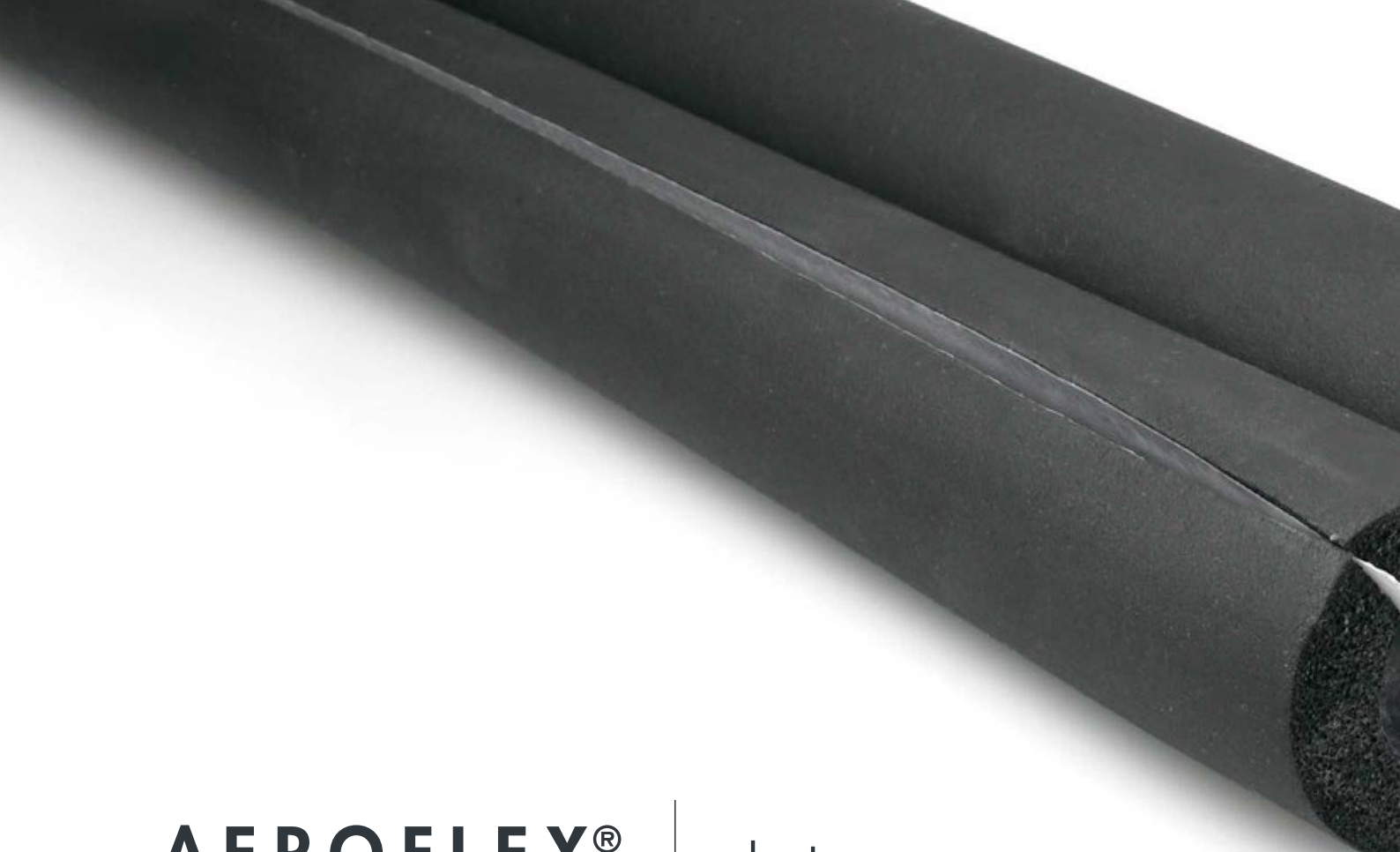
INSULATION THICKNESS

40 mm

INSULATION THICKNESS

15	-	-	-	-	-	-				15
18	-	-	-	-	-	-				18
22	-	-	-	-	-	-				22
25	-	-	-	-	-	-				25
28	3053525	35	16	-	-	-				28
35	3053526	35	16	-	-	-				35
42	-	-	-	3053750	46	8				42
48	-	-	-	3053751	49	6				48
54	3053748	29	12	-	-	-				54
60	3053749	30	8	-	-	-				60
76	-	-	-	3053752	41	4				76
89	-	-	-	3053753	45	4				89

📦 2100 x 450 x 230 mm



AEROFLEX®

sh xt

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell EPDM with a double-sided self-adhesive closure system.

LENGTH

2 m

WÄRMELEITFÄHIGKEIT (EN ISO 8497)

0,035 W/mK at 10 °C

0,038 W/mK at 40 °C

TEMPERATURE RANGE (EN 14707)

Up to +85 °C

FIRE PERFORMANCE (EN 13501-1)

Euroclass E

APPLICATION AREA

Heating and plumbing

ADVANTAGES

- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss.
- Sound-insulating properties help reduce flow and operating noise.
- Double-sided self-adhesive closure system for quick, easy and secure installation, even on existing pipework.



AEROFLEX®

sh xt



10 mm
INSULATION THICKNESS

ID mm	SAP	IST Dicke	m/ 
15	3053754	12	100
18	3053755	12	80
22	3053756	12	64
28	3053757	12	56
35	3053758	12	40
42	3053759	12	36
48	3053760	13	32
54	3053761	13	28
60	3053762	13	24

15 mm
INSULATION THICKNESS

SAP	IST Dicke	m/ 	ID mm
-	-	-	15
-	-	-	18
-	-	-	22
3053763	17	36	28
3053764	17	32	35
-	-	-	42
-	-	-	48
-	-	-	54
-	-	-	60

 2100 x 450 x 230 mm



AEROFLEX®

sh coil

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made of black closed-cell EPDM supplied as a continuous tube.

LENGTH

16 to 30 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,035 W/mK at 10 °C

0,038 W/mK at 40 °C

TEMPERATURE RANGE (EN 14707)

Up to +110 °C

FIRE PERFORMANCE (EN 13501-1)

C_s2d0

APPLICATION AREA

Heating and plumbing

ADVANTAGES

- Limited smoke generation to meet enhanced fire safety requirements (EN 13501-1).
- High thermal insulation performance to reduce heat loss in building services and industrial installations.
- Sound-insulating properties help reduce operating and flow noise.
- Continuous tube format for flexible length adjustment according to project requirements.
- Reduced material waste through precise cutting.
- Fewer bonded joints for more efficient installation and a clean insulation finish.



AEROFLEX® | sh coil



10 mm
INSULATION THICKNESS

ID mm	SAP	IST Dicke	m/ 	ID mm
15	3053530	12	30	15
18	3053531	12	30	18
22	3053532	12	22	22
28	3053533	12	16	28
 580 x 580 x 230 mm				



AEROFLEX® | hf

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made from black, closed-cell, halogenfree EPDM.

LENGTH

2 m

THERMAL CONDUCTIVITY

(EN ISO 8497)

0,036 W/mK at 0 °C

0,037 W/mK at 10 °C

0,040 W/mK at 40 °C

TEMPERATURE RANGE

(EN 14707)

-50°C to 125°C (continuous temperature) (short-term peak temperatures up to 175°C)

FIRE PERFORMANCE

(EN 13501-1)

D₁S2d0

APPLICATION AREA

Heating and plumbing

Klimatechnik

Cooling systems

Shipbuilding

WATER VAPOUR

DIFFUSION RESISTANCE

(EN 13469)

≥ 3.000 μ

ADVANTAGES

- Formulated without halogen-containing flame retardants or additives in accordance with the product-specific material design.
- Low smoke generation and reduced release of corrosive or toxic fire gases in the event of a fire.
- High thermal insulation performance to reduce heat loss in technical installations.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- High water vapour diffusion resistance for long-term insulation protection.
- Marine approval for use in maritime applications.

AEROFLEX®

hf



9 mm INSULATION THICKNESS				13 mm INSULATION THICKNESS				19 mm INSULATION THICKNESS			
ID mm	SAP	m/📦		SAP	m/📦			SAP	m/📦		ID mm
6	3033779	264	S	3033810	160	S		3033840	64	S	6
8	3033780	220	S	3033811	140	S		3033841	64	S	8
10	3033781	220	S	3033812	140	J		3033842	64	S	10
12	3033782	168	S	3033813	120	S		3033843	64	S	12
15	3033784	140	S	3033814	100	S		3033844	56	S	15
18	3033786	120	S	3033815	80	S		3033845	48	S	18
22	3033787	108	S	3033816	64	S		3033846	40	S	22
25	3033788	88	S	3033817	60	S		3033847	36	S	25
28	3033789	72	S	3033818	56	S		3033849	36	S	28
32	3033790	68	S	3033819	48	S		3033850	36	S	32
35	3033791	64	S	3033820	40	S		3033851	32	S	35
42	3033793	56	J	3033821	36	S		3033852	24	S	42
45	3033794	48	S	3033822	36	S		3033853	20	S	45
48	3033795	40	S	3033823	32	S		3033854	20	S	48
54	3033796	36	S	3033825	28	S		3033855	16	S	54
57	3033797	36	S	3033826	28	S		3033856	16	S	57
60	3033798	36	S	3033827	24	S		3033857	16	S	60
64	3033799	32	S	3033828	20	S		3033858	16	S	64
70	3033800	20	S	3033829	20	S		3033859	12	S	70
76	3033801	20	S	3033830	16	S		3033860	12	S	76
90	3033802	16	S	3033832	16	S		3033862	12	S	90
102	3033803	16	S	3033833	16	S		3033863	8	S	102
109	3033804	12	S	3033834	12	S		3033866	8	S	109
115	3033805	12	S	3033835	12	S		3033867	8	S	115
125	3033806	12	S	3033836	8	S		3033868	8	S	125
130	3033807	8	S	3033837	8	S		3033869	8	S	130
140	3033808	8	S	3033838	8	S		3033870	8	S	140
165	3033809	8	S	3033839	8	S		3033872	4	S	165



Standard (S): 2100 x 450 x 230 mm

Jumbo (J): 2100 x 450 x 260 mm

S-Jumbo (SJ): 2100 x 580 x 290 mm

AEROFLEX®

hf



25 mm
INSULATION THICKNESS

32 mm
INSULATION THICKNESS

ID mm	SAP	m/📦		SAP	m/📦		ID mm
6	3033873	48	S	-	-		6
8	-	-		-	-		8
10	3033874	48	S	-	-		10
12	3033875	40	J	-	-		12
15	3033876	36	S	3033903	28	J	15
18	3033877	36	J	3033904	24	J	18
22	3033878	32	S	3033905	24	J	22
25	3033879	24	S	3033906	20	J	25
28	3033880	24	J	3033907	16	S	28
32	3033881	24	S	3033908	16	S	32
35	3033882	20	S	3033909	16	S	35
42	3033883	16	S	3033910	16	S	42
45	3033884	16	S	3033911	16	S	45
48	3033885	16	S	3033912	12	S	48
54	3033887	16	S	3033913	12	J	54
57	3033888	16	J	3033914	12	J	57
60	3033889	12	J	3033915	8	S	60
64	3033890	12	J	3033916	8	J	64
70	3033891	16	SJ	3033917	12	SJ	70
76	3033892	16	SJ	3033918	12	SJ	76
90	3033894	12	SJ	3033919	12	SJ	90
102	3033895	12	SJ	3033920	4	S	102
109	3033897	12	SJ	3033921	4	S	109
115	3033898	10	SJ	3033922	4	S	115
125	-	-		-	-		125
130	3033900	8	SJ	3033923	6	SJ	130
140	3033901	8	SJ	3033924	6	SJ	140
165	3033902	6	SJ	3033925	4	SJ	165



Standard (S): 2100 x 450 x 230 mm

Jumbo (J): 2100 x 450 x 260 mm

S-Jumbo (SJ): 2100 x 580 x 290 mm

AEROFLEX®

hf



38 mm
INSULATION THICKNESS

50 mm
INSULATION THICKNESS

ID mm	SAP	m/		SAP	m/		ID mm
6	-	-		-	-		6
8	-	-		-	-		8
10	-	-		-	-		10
12	-	-		-	-		12
15	-	-		-	-		15
18	-	-		-	-		18
22	3033926	16	S	3033947	8	S	22
25	3033927	16	S	3033948	8	S	25
28	3033928	16	S	3033949	8	J	28
32	3033929	16	J	3033950	8	J	32
35	3033930	12	J	3033951	8	J	35
42	3033931	12	J	3033952	8	J	42
45	3033932	12	J	3033953	8	J	45
48	3033933	12	J	3033954	6	S	48
54	3033934	8	J	3033955	6	S	54
57	3033935	8	J	3033956	6	J	57
60	3033936	8	J	3033957	6	J	60
64	3033937	8	J	3033958	6	J	64
70	3033938	6	S	3033959	4	S	70
76	3033939	6	S	3033960	4	S	76
90	3033940	10	SJ	3033961	4	S	90
102	3033941	4	S	3033962	4	S	102
109	3033942	6	SJ	3033963	4	S	109
115	3033943	6	SJ	3033964	4	SJ	115
125	-	-		-	-		125
130	3033944	4	S	3033965	4	SJ	130
140	3033945	4	S	3033966	4	SJ	140
165	3033946	4	SJ	3033967	4	SJ	165



Standard (S): 2100 x 450 x 230 mm

Jumbo (J): 2100 x 450 x 260 mm

S-Jumbo (SJ): 2100 x 580 x 290 mm



AEROFLEX®

hf roll / sheet

TECHNICAL INFORMATION

MATERIAL

Flexible insulation material in rolls made of black closedcell, halogen-free EPDM.

LENGTH

Roll: 3-45 m / Sheet: 2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C

0,037 W/mK at 10 °C

0,042 W/mK at 40 °C

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

≥ 3.000 μ

TEMPERATURE RANGE (EN 14707)

-50°C to 125°C (continuous temperature) (short-term peak temperatures up to 175°C)

FIRE PERFORMANCE (EN 13501-1)

D-s3,d0

APPLICATION AREA

Heating and plumbing

Air conditioning

Cooling systems

Shipbuilding

ADVANTAGES

- Formulated without halogen-containing flame retardants or additives in accordance with the product-specific material design.
- Low smoke generation and reduced release of corrosive or toxic fire gases in the event of a fire.
- High thermal insulation performance to reduce heat loss in technical installations.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- High water vapour diffusion resistance for long-term insulation protection.
- Enables application-specific cutting and helps reduce material waste.
- Marine approval for use in maritime applications.

AEROFLEX® | hf roll



INSULATION THICKNESS			AEROFLEX® hf roll		AEROFLEX® hf sheet		INSULATION THICKNESS
mm	SAP	m ² / 	SAP	m ² / 	mm		
3	3034469	45	3034370	96	3		
6	3034470	22	3034371	48	6		
9	3034471	15	3034372	32	9		
13	3034472	11	3034373	24	13		
16	3034473	10	3034374	20	16		
19	3034474	7	3034375	16	19		
25	3034475	5	3034376	12	25		
32	3034476	4	3034377	10	32		
38	3034477	3	3034378	8	38		
50	-	-	3035555	6	50		
 1100 x 460 x 460 mm			 2100 x 1050 x 190 mm				



AEROFLEX®

(ht)

TECHNICAL INFORMATION

MATERIAL

highly flexible insulation made from black, closed-cell EPDM for demanding temperature applications.

LENGTH

2 m

THERMAL CONDUCTIVITY

(EN ISO 8497)

0,036 W/mK at 0 °C

0,037 W/mK at 10 °C

0,038 W/mK at 40 °C

TEMPERATURE RANGE

(EN 14707)

-50 °C to 125 °C (continuous temperature) (short-term peak temperatures up to 175°C)

FIRE PERFORMANCE

(EN 13501-1)

C₁-s2,d0

APPLICATION AREA

Thermal solar module

High temperatures

Industry

Heating and plumbing

Air conditioning

Cooling systems

Shipbuilding

WATER VAPOUR

DIFFUSION RESISTANCE

(EN 13469)

≥ 3.000 μ

ADVANTAGES

- High temperature resistance for applications exposed to continuously elevated or fluctuating temperatures.
- Excellent resistance to UV radiation, ozone and weathering for long-term indoor and outdoor use.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- UL certified.
- Marine approval for use in maritime applications.

AEROFLEX® (ht)



6 mm INSULATION THICKNESS				9 mm INSULATION THICKNESS				13 mm INSULATION THICKNESS			
ID mm	SAP	m/📦		SAP	m/📦			SAP	m/📦		ID mm
6	3034017	360	S	3034036	264	S		3034077	160	S	6
8	3034018	320	S	3034037	220	S		3034078	140	S	8
10	3034019	280	S	3034038	220	S		3034079	140	S	10
12	3034020	220	S	3034039	168	S		3034080	120	S	12
15	3034022	160	S	3034041	140	S		3034082	100	S	15
18	3034024	140	S	3034043	120	S		3034084	80	S	18
22	3034026	140	S	3034045	108	S		3034086	64	S	22
25	3034027	120	J	3034046	88	S		3034087	60	S	25
28	3034028	100	J	3034047	72	S		3034088	56	S	28
32	3034029	80	S	3034048	68	S		3034089	48	S	32
35	3034030	80	J	3034049	64	S		3034090	40	S	35
42	3034032	60	S	3034051	56	S		3034092	36	S	42
45	3034033	56	S	3034052	48	S		3034093	36	S	45
48	3034034	48	S	3034053	40	S		3034094	32	S	48
54	-	-		3034055	36	S		3034096	28	S	54
57	-	-		3034056	36	S		3034097	28	S	57
60	-	-		3034057	36	S		3034098	24	S	60
64	-	-		3034058	32	S		3034099	20	S	64
70	-	-		3034060	20	S		3034101	20	S	70
76	-	-		3034062	20	S		3034103	16	S	76
90	-	-		3034065	16	S		3034105	16	S	90
102	-	-		3034068	16	S		3034107	16	S	102
109	-	-		3034070	12	S		3034108	12	S	109
115	-	-		3034071	12	S		3034109	12	S	115
125	-	-		3034072	12	S		3034110	8	S	125
130	-	-		3034074	8	S		3034112	8	S	130
140	-	-		3034075	8	S		3034113	8	S	140
165	-	-		3034076	8	S		3034114	8	S	165



Standard (S): 2100 x 450 x 230 mm

Jumbo (J): 2100 x 450 x 260 mm

S-Jumbo (SJ): 2100 x 580 x 290 mm

AEROFLEX®

(ht)



19 mm

INSULATION THICKNESS

25 mm

INSULATION THICKNESS

32 mm

INSULATION THICKNESS

ID mm	SAP	m/		SAP	m/		SAP	m/		ID mm
6	3034115	64	S	3034157	48	S	-	-		6
8	3034116	64	S	-	-		-	-		8
10	3034117	64	S	3034158	48	S	-	-		10
12	3034118	64	S	3034159	40	J	-	-		12
15	3034120	56	S	3034161	36	S	3034192	28	J	15
18	3034122	48	S	3034163	36	J	3034194	24	J	18
22	3034124	40		3034165	32	J	3034196	24	J	22
25	3034125	36	S	3034166	24	S	3034197	20	J	25
28	3034127	36	S	3034167	24	J	3034198	16	S	28
32	3034128	36	S	3034168	24	S	3034199	16	S	32
35	3034129	32	S	3034169	20	S	3034200	16	S	35
42	3034131	24	S	3034170	16	S	3034201	16	S	42
45	3034132	20	S	3034171	16	S	3034202	16	S	45
48	3034133	20	S	3034172	16	S	3034203	12	S	48
54	3034135	16	S	3034174	16	S	3034204	12	J	54
57	3034136	16	S	3034175	16	S	3034205	12	J	57
60	3034137	16	S	3034176	12	J	3034206	8	S	60
64	3034138	16	S	3034177	12	J	3034207	8	J	64
70	3034140	12	S	3034179	16	SJ	3034208	12	SJ	70
76	3034142	12	S	3034181	16	SJ	3034210	12	SJ	76
90	3034145	12	S	3034183	12	SJ	3034212	12	SJ	90
102	3034148	8	S	3034186	12	SJ	3034214	4	S	102
109	3034150	8	S	3034187	12	SJ	3034216	4	S	109
115	3034151	8	S	3034188	10	SJ	3034217	4	S	115
125	3034152	8	S	-	-		-	-		125
130	3034154	8	S	3034189	8	SJ	3034218	6	SJ	130
140	3034155	8	S	3034190	8	SJ	3034219	6	SJ	140
165	3034156	4	S	3034191	6	SJ	3034220	4	SJ	165



Standard (S): 2100 x 450 x 230 mm

Jumbo (J): 2100 x 450 x 260 mm

S-Jumbo (SJ): 2100 x 580 x 290 mm

AEROFLEX®

(ht)



38 mm
INSULATION THICKNESS

50 mm
INSULATION THICKNESS

ID mm	SAP	m/		SAP	m/		ID mm
6	-	-		-	-		6
8	-	-		-	-		8
10	-	-		-	-		10
12	-	-		-	-		12
15	3034221	16	S	-	-		15
18	3034223	16	S	-	-		18
22	3034225	16	S	3034253	8	S	22
25	3034226	16	S	3034254	8	S	25
28	3034227	16	S	3034255	8	J	28
32	3034228	16	J	3034256	8	J	32
35	3034229	12	J	3034257	8	J	35
42	3034231	12	J	3034258	8	J	42
45	3034232	12	J	3034259	8	J	45
48	3034233	12	J	3034260	6	S	48
54	3034235	8	J	3034261	6	S	54
57	3034236	8	J	3034262	6	J	57
60	3034237	8	J	3034263	6	J	60
64	3034238	8	J	3034264	6	J	64
70	3034240	6	S	3034266	4	S	70
76	3034242	6	S	3034268	4	S	76
90	3034243	10	SJ	3034269	4	S	90
102	3034246	4	S	3034270	4	S	102
109	3034247	6	SJ	3034271	4	S	109
115	3034248	6	SJ	3034272	4	SJ	115
125	-	-		-	-		125
130	3034250	4	S	3034273	4	SJ	130
140	3034251	4	S	3034274	4	SJ	140
165	3034252	4	SJ	3034275	4	SJ	165



Standard (S): 2100 x 450 x 230 mm

Jumbo (J): 2100 x 450 x 260 mm

S-Jumbo (SJ): 2100 x 580 x 290 mm



AEROFLEX®

(ht) coil

TECHNICAL INFORMATION

MATERIAL

highly flexible insulation made from black, closedcell EPDM supplied as a continuous tube on a roll for demanding temperature applications.

TEMPERATURE RANGE (EN 14707)

-50 °C to 125 °C (continuous temperature) (short-term peak temperatures up to 175°C)

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C
0,037 W/mK at 10 °C
0,038 W/mK at 40 °C

FIRE PERFORMANCE (EN 13501-1)

C_ss2d0

WATER VAPOUR DIFFUSION RESISTANCE (EN 13469)

≥ 3.000 μ

APPLICATION AREA

Thermal solar module
High temperatures
Industry
Heating and plumbing
Air conditioning
Cooling systems
Shipbuilding

ADVANTAGES

- High temperature resistance for applications exposed to continuously elevated or fluctuating temperatures.
- Excellent resistance to UV radiation, ozone and weathering for long-term indoor and outdoor use.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- UL certified.
- Marine approval for use in maritime applications.
- Continuous tube format for flexible length adjustment according to project requirements.
- Reduced material waste through precise cutting.
- Fewer bonded joints for more efficient installation and a clean insulation finish.

AEROFLEX®

(ht) coil



6 mm
INSULATION THICKNESS

ID mm	SAP	m/ 
6	3034289	108
8	3034290	98
10	3034291	87
12	3034292	67
15	3034294	60
18	3034296	45
22	3034298	37
28	3034299	34
35	-	-

9 mm
INSULATION THICKNESS

ID mm	SAP	m/ 
6	3034300	76
8	3034301	61
10	3034302	61
12	3034303	43
15	3034305	36
18	3034307	33
22	3034309	29
28	3034310	19
35	3035537	11

13 mm
INSULATION THICKNESS

ID mm	SAP	m/ 
6	3034311	40
8	3034312	35
10	3034313	32
12	3034314	32
15	3050587	30
18	3050588	30
22	3050589	22
28	3050591	16
35	3050592	11

19 mm
INSULATION THICKNESS

ID mm	SAP	m/ 
6	3034318	30
8	3050593	24
10	3050594	22
12	3034321	20
15	3050595	16
18	3050596	13
22	3050597	11
28	3050599	10
35	3050600	8

 580 x 580 x 230 mm



AEROFLEX®

(ht) xt/lp

TECHNICAL INFORMATION

MATERIAL

highly flexible insulation made from black, closedcell EPDM with an integrated double-sided self-adhesive closure system and rubber adhesive tape for demanding temperature applications.

LENGTH

2 m

TEMPERATURE RANGE

(EN 14707)

-50 °C to 85 °C

THERMAL CONDUCTIVITY

(EN ISO 8497)

0,036 W/mK at 0 °C

0,037 W/mK at 10 °C

0,038 W/mK at 40 °C

FIRE PERFORMANCE

(EN 13501-1)

Euroclass E

WATER VAPOUR

DIFFUSION RESISTANCE

(EN 13469)

≥ 3.000 μ

PROCESSING TEMPERATURE

≥ +5 °C

APPLICATION AREA

Industry

Heating and plumbing

Air conditioning

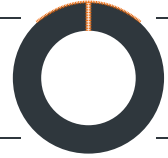
Cooling systems

ADVANTAGES

- High temperature resistance for applications exposed to continuously elevated or fluctuating temperatures.
- Excellent resistance to UV radiation, ozone and weathering for long-term indoor and outdoor use.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- Integrated double-sided self-adhesive closure system with additional PROTAPE®
- adhesive tape for long-lasting, secure joint sealing and reliable vapour barrier function.

AEROFLEX®

(ht) xt/lp



9 mm

INSULATION THICKNESS

13 mm

INSULATION THICKNESS

19 mm

INSULATION THICKNESS

ID mm	SAP	m/		SAP	m/		SAP	m/		ID mm
22	3033386	108	S	3033411	64	S	3033436	40	S	22
25	3033387	88	S	3033412	60	S	3033437	36	S	25
28	3033388	72	S	3033413	56	S	3033438	36	S	28
32	3033389	68	S	3033414	48	S	3033439	36	S	32
35	3033390	64	S	3033415	40	S	3033440	32	S	35
42	3033391	56	S	3033416	36	S	3033441	24	S	42
45	3033392	48	S	3033417	36	S	3033442	20	S	45
48	3033393	40	S	3033418	32	S	3033443	20	S	48
54	3033394	36	S	3033419	28	S	3033444	16	S	54
57	3033395	36	S	3033420	28	S	3033445	16	S	57
60	3033396	36	S	3033421	24	S	3033446	16	S	60
64	3033397	32	S	3033422	20	S	3033447	16	S	64
70	3033398	20	S	3033423	20	S	3033448	12	S	70
76	3033399	20	S	3033424	16	S	3033449	12	S	76
90	3033400	16	S	3033425	16	S	3033450	12	S	90
102	3033401	16	S	3033426	16	S	3033451	8	S	102
109	3033402	12	S	3033427	12	S	3033452	8	S	109
115	3033403	12	S	3033428	12	S	3033453	8	S	115
125	3033404	12	S	3033429	8	S	3033454	8	S	125
130	3033405	8	S	3033430	8	S	3033455	8	S	130
140	3033406	8	S	3033431	8	S	3033456	8	S	140
165	3033407	8	S	3033432	8	S	3033457	4	S	165



Standard (S): 2100 x 450 x 230 mm



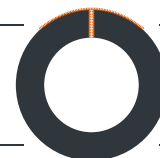
Jumbo (J): 2100 x 450 x 260 mm



S-Jumbo (SJ): 2100 x 580 x 290 mm

AEROFLEX®

(ht) xt/lp



25 mm
INSULATION THICKNESS

32 mm
INSULATION THICKNESS

ID mm	SAP	m/		SAP	m/		ID mm
22	3033460	32	J	3033481	24	J	22
25	3033461	24	S	3033482	20	J	25
28	3033462	24	J	3033483	16	S	28
32	3033463	24	S	3033484	16	S	32
35	3033464	20	S	3033485	16	S	35
42	3033465	16	S	3033486	16	S	42
45	3033466	16	S	3033487	16	S	45
48	3033467	16	S	3033488	12	S	48
54	3033468	16	S	3033489	12	J	54
57	3033469	16	S	3033490	12	J	57
60	3033470	12	J	3033491	8	S	60
64	3033471	12	J	3033492	8	J	64
70	3033472	16	SJ	3033493	12	SJ	70
76	3033473	16	SJ	3033494	12	SJ	76
90	3033474	12	SJ	3033495	12	SJ	90
102	3033475	12	SJ	3033496	4	S	102
109	3033476	12	S	3033497	4	S	109
115	3033477	10	SJ	3033498	4	S	115
125	-	-		-	-		125
130	3033478	8	SJ	3033499	6	SJ	130
140	3033479	8	SJ	3033500	6	SJ	140
165	3033480	6	SJ	3033501	4	SJ	165



Standard (S): 2100 x 450 x 230 mm



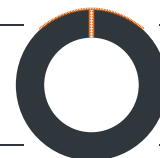
Jumbo (J): 2100 x 450 x 260 mm



S-Jumbo (SJ): 2100 x 580 x 290 mm

AEROFLEX®

(ht) xt/lp



38 mm
INSULATION THICKNESS

50 mm
INSULATION THICKNESS

ID mm	SAP	m/ 		SAP	m/ 		ID mm
22	3033502	16	S	3033523	8	S	22
25	3033503	16	S	3033524	8	S	25
28	3033504	16	S	3033525	8	J	28
32	3033505	16	J	3033526	8	J	32
35	3033506	12	J	3033527	8	J	35
42	3033507	12	J	3033528	8	J	42
45	3033508	12	J	3033529	8	J	45
48	3033509	12	J	3033530	6	S	48
54	3033510	8	J	3033531	6	S	54
57	3033511	8	J	3033532	6	J	57
60	3033512	8	J	3033533	6	J	60
64	3033513	8	J	3033534	6	J	64
70	3033514	6	S	3033536	4	S	70
76	3033515	6	S	3033537	4	S	76
90	3033516	10	SJ	3033538	4	S	90
102	3033517	4	S	3033539	4	S	102
109	3033518	6	SJ	3033540	4	S	109
115	3033519	6	SJ	3033541	4	SJ	115
125	-	-		-	-	SJ	125
130	3033520	4	S	3033542	4	SJ	130
140	3033521	4	S	3033543	4	SJ	140
165	3033522	4	SJ	3033544	4		165



Standard (S): 2100 x 450 x 230 mm



Jumbo (J): 2100 x 450 x 260 mm



S-Jumbo (SJ): 2100 x 580 x 290 mm



AEROFLEX®

(ht) roll / sheet

TECHNICAL INFORMATION

MATERIAL

Highly flexible insulation in rolls made from black, closed-cell EPDM for demanding temperature applications.

LENGTH

Roll: 3-45 m / Sheet: 2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C
0,037 W/mK at 10 °C
0,040 W/mK at 40 °C

WATER VAPOUR

DIFFUSION RESISTANCE
(EN 13469)
≥ 3.000 μ

TEMPERATURE RANGE (EN 14707)

-50 °C to 150 °C (continuous temperature) (short-term peak temperatures up to 175 °C)

FIRE PERFORMANCE (EN 13501-1)

D-s3,d0

APPLICATION AREA

Thermal solar module
High temperatures
Industry
Heating and plumbing
Air conditioning
Cooling systems
Shipbuilding

ADVANTAGES

- High temperature resistance for applications exposed to continuously elevated or fluctuating temperatures.
- Excellent resistance to UV radiation, ozone and weathering for long-term indoor and outdoor use.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- Enables application-specific cutting and helps reduce material waste.
- UL certified.
- Marine approval for use in maritime applications.

AEROFLEX®

(ht) roll

INSULATION
THICKNESS

AEROFLEX® ht roll

AEROFLEX® ht roll xt

INSULATION
THICKNESS

mm	SAP	m ² / 	SAP	m ² / 	mm
3	3034478	45	3034434	45	3
6	3034479	22	3034435	22	6
9	3034480	15	3034436	15	9
13	3034481	11	3034437	11	13
16	3034482	10	3034438	10	16
19	3034483	7	3034439	7	19
25	3034484	5	3034440	5	25
32	3034485	4	3034441	4	32
38	3034486	3	3034442	3	38

 1100 x 460 x 460 mm

INSULATION
THICKNESS

AEROFLEX® ht sheet

AEROFLEX® ht sheet xt

INSULATION
THICKNESS

mm	SAP	m ² / 	SAP	m ² / 	mm
3	3034389	96	3034360	96	3
6	3034390	48	3034361	48	6
9	3034391	32	3034362	32	9
13	3034392	24	3034363	24	13
16	3034393	20	3034364	20	16
19	3034394	16	3034365	16	19
25	3034395	12	3034366	12	25
32	3034396	10	3034367	10	32
38	3034397	8	3034368	8	38
50	3034398	6	3034369	6	50

 2100 x 1050 x 190 mm



AEROPRO®

TECHNICAL INFORMATION

MATERIAL

Flexible insulation made from black, closed-cell EPDM for refrigeration, air-conditioning and outdoor applications.

LENGTH

2 m

THERMAL CONDUCTIVITY (EN ISO 8497)

0,036 W/mK at 0 °C

0,037 W/mK at 10 °C

0,038 W/mK at 40 °C

WATER VAPOUR

DIFFUSION RESISTANCE (EN 13469)

≥ 3.000 μ

TEMPERATURE RANGE (EN 14707)

-50 °C to 150 °C (continuous temperature) (short-term peak temperatures up to 175 °C)

FIRE PERFORMANCE (EN 13501-1)

Euroclass E

APPLICATION AREA

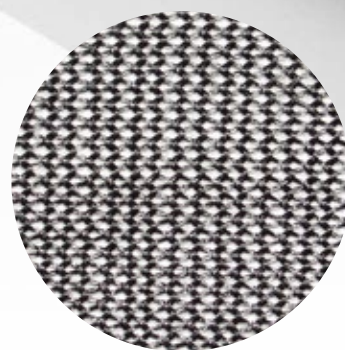
Heating and plumbing

Air conditioning

Cooling systems

High temperatures

Thermal solar module



ADVANTAGES

- Robust polyester/stainless steel wire mesh protection against mechanical damage, bird pecking and animal bites.
- High temperature resistance for applications exposed to continuously elevated or fluctuating temperatures.
- Closed-cell material structure that limits moisture absorption and helps reduce condensation formation.
- High thermal insulation performance due to low thermal conductivity, helping to reduce heat loss in technical installations.



AEROPRO®



13 mm

INSULATION THICKNESS

19 mm

INSULATION THICKNESS

25 mm

INSULATION THICKNESS

ID mm	SAP	m/ 	SAP	m/ 	SAP	m/ 	ID mm
15	3032173	100	3032180	56	3032186	36	15
18	3032174	80	3032181	48	3032187	36	18
22	3032175	64	3032182	40	3032188	32	22
28	3032176	56	3032183	36	3032189	24	28
35	3032177	40	3032184	32	3032190	20	35
42	3032178	36	3032185	24	3032191	16	42

 2100 x 450 x 230 mm

AEROFLEX®

(ht) cut parts



DESCRIPTION

For more than 20 years, we have been producing high-quality cutting solutions with excellent dimensional accuracy and consistent, reproducible quality. The use of advanced bonding technologies in multilayer constructions also enables the production of complex three-dimensional shaped parts.

We are pleased to support your project with further technical information and customised solutions. Please send your enquiry to: info-ulm@nmc-deutschland.de

TECHNOLOGY

- Precise and reproducible cutting.
- Non-contact cutting process with consistently high cutting quality.
- Material-friendly processing without deformation.
- Very narrow kerf widths to reduce material waste.
- Highly accurate, clean and virtually taper-free cut edges.
- Production of customised prototypes and small series.
- Realisation of complex geometries and customer-specific shaped parts.

DIMENSIONS / MATERIAL

Fittings

up to 2000 x1000 mm

Tube section cuts

up to 2000 mm in length

Processable Insulation thickness

3–50 mm (Multilayer construction possible)

Our closed-cell, temperature-resistant EPDM rubber is used for production.



ACCESSORIES

CLIMAFLEX®



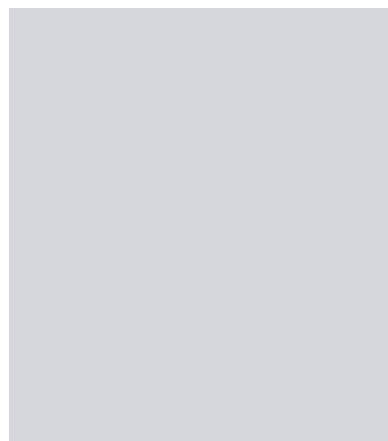
Punching tool

SAP	St./
3008861	1



Knife

SAP	St./
3002134	1



PE-Foam Tape

3 x 50 mm x 10 m

SAP	St./
3002119	12



Clips

SAP	St./
3002116	25 x 100



PVC-tape, grey

30 mm x 33 m

SAP	St./
3003970	12



CLIMAFLEX®



PV-tape, red

33 m

SAP	St./📦
3008869	12



Self-adhesive tape with PE protective film, red

2 x 70 mm x 3,6 m

SAP	St./📦
3016193	100

2 x 100 mm x 3,6 m

SAP	St./📦
3016194	80



fabric tape, grey

50 mm x 50 m

SAP	St./📦
3008863	24



Wrap strips with PE protective film, red

2 x 70 mm x 3,6 m

SAP	St./📦
3016196	100

2 x 100 mm x 3,6 m

SAP	St./📦
3016195	80



fabric tape, red

50 mm x 50 m

SAP	St./📦
3008864	24



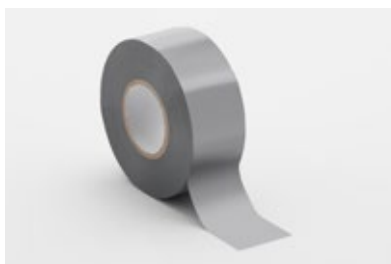
fabric tape, blue

50 mm x 50 m

SAP	St./📦
3016434	24

ACCESSORIES

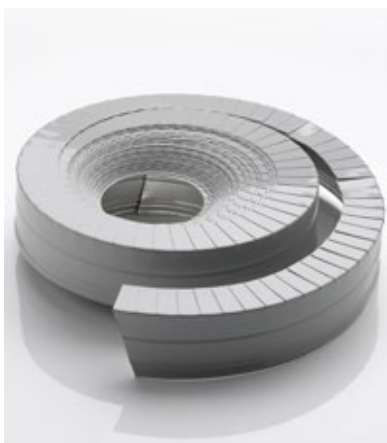
ISOTUBE®



PVC-tape

30 mm x 25 m

SAP	St./
3008868	12



Slat edge banding

20 mm

SAP	St./
3002117	5

25 mm

SAP	St./
3008825	5

30 mm

SAP	St./
3002118	5

CLIMATUBE® wool



Alu-tape

50 mm x 50 m

SAP	St./
3051701	10

INSUL-TUBE®



NMC Cleaner
1000 ml

SAP	St./📦
3012347	1



INSUL tape
3 x 50 mm x 15 m

SAP	St./📦
3002092	12



PVC-tape, black
38 mm x 25 m

SAP	St./📦
3008867	12



PVC-tape, grey
30 mm x 33 m

SAP	St./📦
3003970	12

ACCESSORIES

AEROFLEX®



NMC Cleaner
1000 ml

SAP	St./📦
3012347	1



Aerotape (ht), Paperliner

3 x 50 mm x 9,1 m

SAP	St./📦
3034334	10



PICTape
50 mm x 2,5 m

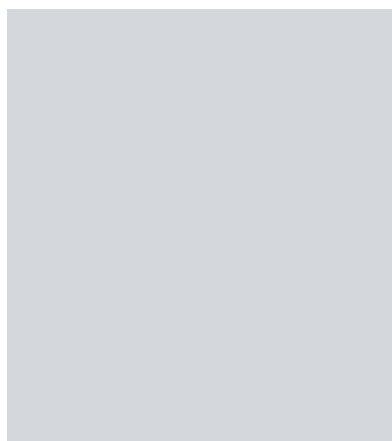
SAP	St./📦
3008871	30



Aerotape (ht), PO Liner

3 x 50 mm x 9,1 m

SAP	St./📦
3034330	10



Protape

0,6 x 25 mm x 25 m

SAP	St./📦
3034653	24



0,6 x 50 mm x 25 m

SAP	St./📦
3034655	12

NMC-FiX



NMC-FiX is a universal, toluene free, solvented ready to use contact adhesive based upon rubber and synthetic resins.

NMC-FiX

SAP	St./
Tube 125 g 3011105	10
250 ml 3002105	24
500 ml 3002106	12
1000 ml 3002107	6
2500 ml 3008814	8

TECHNICAL INFORMATION

BASE

Polychloroprene rubber (neoprene)

CONSISTENCY

Fluid

CURING SYSTEM

Physical drying and crystallisation

OPEN TIME*

Ca. 20 min.

DENSITY**

Ca. 0,81 g/ml

TEMPERATURE

RESISTANCE**

-20 °C to +80 °C

CONSUMPTION*

100–300 ml/m², pro Seite

SHELF LIFE

18 months in unopened packaging in a cool and dry storage place at temperatures between +5 °C and +25 °C.

SURFACES

Nature: clean, free of dust and grease. Surface preparation: No pretreatment required. We recommend a preliminary adhesion test on any substrate.

APPLICATION METHOD

Method: apply the adhesive by means of a brush or notched trowel on both of the to be bonded materials. Wait approx. 10 minutes, press the surfaces firmly

together immediately and batten down with a rubber hammer.

Application temperature: +5 °C to +35 °C.

Clean: NMC-FiX Cleaner.

Repair: with NMC-FiX.

HEALTH- AND SAFETY RECOMMENDATIONS

Take the usual labour hygiene into account. Use only in well-ventilated areas. Do not smoke.

In case of insufficient ventilation it is appropriate to wear respiratory protection. Consult label and material safety data sheet for more information.

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

** This information relates to fully cured product.

ACCESSORIES

AEROSEAL



AEROSEAL TF/HT is a temperature-resistant, toluene-free, solvent-based, ready-to-use contact adhesive based on rubber and synthetic resins

TEMPERATURE RESISTANCE

-50 °C to +150 °C

CONSUMPTION

0,2 – 0,25 kg/m²

OPEN TIME

3 to 15 Minuten

AEROSEAL® tf / ht

SAP	St./
Dose 0,2 kg 3034659	24
Dose 0,7 kg 3034657	12
Kanne 2,0 kg 3034658	4



AEROSEAL TF/LV is a toluene-free, solvent-based, ready-to-use contact adhesive based on rubber and synthetic resins

TEMPERATURE RESISTANCE

-50 °C to +105 °C

CONSUMPTION

0,18 – 0,22 kg/m²

OPEN TIME

3 to 15 Minuten

AEROSEAL® tf / lv 105 °C

SAP	St./
Dose 0,2 kg 3034662	24
Dose 0,7 kg 3034660	12
Kanne 2,0 kg 3034661	4

PROCESSING

The optimal temperature for processing is between +15 and +25 °C. The adhesive should not be applied below +10 °C. It should also not be applied to hot or cold ducts or pipework. Do not apply in direct sunlight. Prior to use, the adhesive should be stirred. Apply a thin coat with a bristle brush to both surfaces to be bonded. During bonding, the adhesive must still be tacky, but must no longer pull any threads during the „finger test“. It is important to note that the bonding process should not be carried out under tension, but rather under compression. The bonding surfaces must be pressed together briefly and firmly. Furthermore, systems exposed to heat should not be put into operation for at least 36 hours.

NMC reserves the right to update the product line or its technical features to the state-of-the-art technology anytime and without previous announcement. All given information is to the best of our knowledge. If you have any questions concerning technical details please contact the NMC information service. Any partial reproduction or reprint shall require our explicit approval.



NMC sa

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