

**NEW!** Limited smoke development  
thanks to Euroclass B<sub>L</sub>-s2, d0



## Kaiflex<sup>®</sup> ST<sub>s2</sub>

**Versatile application. Optimised safety in case of fire.**

- Universal insulation material for busy public and commercial buildings
- Dependable safety: Euroclass B<sub>L</sub>-s2, d0
- Meets the demanding international requirements for elastomeric insulation materials
- Reliably prevents condensation and reduces the risk of corrosion under the insulation
- Additional protection against micro-organisms and mould



## Versatile application. Optimised safety in case of fire.

The requirements for structural fire protection, and in particular the increased focus on personal safety in case of fire, have been increasing internationally for years. More and more, limited smoke development has to correspond to an “s2” smoke development class in accordance with EN 13501-1 as the minimum requirement for flame-retardant building products. Kaimann meets these enhanced requirements and offers increased fire safety with its Kaiflex ST s2: The insulation material made of closed-cell rubber emits limited smoke to s2 standards and is self-extinguishing as well as non-dripping. These properties mean that the insulation material meets the demanding European requirements for combustible building materials such as MVV TB, VKF RF2, Class O (in accordance with UK Building Regulations) and Class 1 (tested in accordance with BS476-7) for surface spread of flame.

### The universal insulation material for flexible use

Kaiflex ST s2 is attractive not only because of its reliable fire protection, but also with its universal applicability. Thanks to its wide product range and in combination with the system benefits of pipe supports and special adhesive, the insulation material can be used for any size of project without having to change materials or manufacturers. Kaiflex ST s2 thus presents itself as the Kaimann standard in technical insulation.

This means that the insulation material can be used for cold and hot pipes and on different pipe diameters – both in small boiler rooms and in large-scale projects. It reliably prevents condensation and corrosion from forming, particularly in systems featuring alternating temperatures, which are being installed increasingly frequently, and when correctly dimensioned, it simultaneously fulfils the legal requirements for hot water and heat distribution systems. It is used in cooling and air conditioning systems for insulating pipes in highly frequented public and commercial buildings, like airports, large office complexes, hotels, and apartment buildings, as well as in industrial

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plants and in shipbuilding. Thanks to its antimicrobial and fibre-free structure, Kaiflex ST s2 also meets high hygienic requirements and is especially suitable for insulation in healthcare facilities, such as hospitals.

### Tested and certified – very good technical values

It is not just its versatility that makes Kaiflex ST s2 impressive, but also the very high level of technical specifications: its low thermal conductivity and ideal water vapour diffusion resistance values make Kaimann insulation material extremely energy-efficient and provides sustainable protection against energy loss. It effectively acts as a vapour barrier and reliably prevents condensation, greatly minimising the risk of corrosion underneath the insulation. This means Kaiflex ST s2 ensures reliable insulation performance over the entire operational life of the system.

Kaiflex ST s2 hoses are available as a standard product or self-adhesive in 2 and 1.2 m lengths. Whichever variant you choose, it is easy to work with.



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### Reduced smoke development

In the event of a fire, visibility in rooms and corridors must be guaranteed for as long as possible. Through improved fire behaviour, Kaiflex increases personal protection and reduces contamination of building inventory.



### Reliable prevention of condensation

Dew formation can lead to damage to insulation as well as technical equipment. Due to its closed-cell property, Kaiflex keeps pipes and ducts dry and prevents corrosion under the insulation (CUI).



### In-built anti-microbial resistance

Mould growth can have a negative impact on indoor air quality. Kaiflex offers effective protection against moisture penetration, is naturally anti-microbial and resistant to the development of mould and eliminates any chance for bacteria.



Further information, technical documents, application guides, services and much more can be found online at

[www.kaimann.com](http://www.kaimann.com)

### Certified quality



#### EPD

Transparent ecological balance thanks to an "Environmental Product Declaration".



#### FM Approved

Highest required standard of quality, technical integrity and performance for use in commercial and industrial facilities.

### Related system components and accessories from our product range



#### Kaiflex RT-ST

Insulated pipe support to prevent condensation and thermal bridges.



#### Special Adhesive, Tape, Joints,...

Accessories designed for the optimal and efficient application of Kaiflex products

### Kaimann Services



#### KaiCalc

Insulation thickness calculator for technical insulation in heating and cooling applications.

[www.kaicalc.com](http://www.kaicalc.com)



#### On-site consulting

Benefit from personal advice from our dedicated and competent application engineers and field service staff.



**Kaiflex ST s2**  
Technical Data

<b>Material type base</b>		Elastomeric foam based on synthetic rubber, Flexible Elastomeric Foam (FEF)		
<b>Cell structure</b>		Closed cell		
<b>Colour</b>		Anthracite		
<b>Max. service temperature</b>	Pipe	+110 °C		
<b>Min. service temperature</b>		-50 °C (-200 °C)	see remark (1)	
<b>Thermal conductivity</b>	Thickness <25 mm	$\lambda_{\theta}$ at -10 °C at 0 °C at +10 °C $\lambda_{\theta}$ at -10 °C at 0 °C at +10 °C	$0.033 + 7.1316 \cdot 10^{-5} \cdot \theta + 1.2533 \cdot 10^{-6} \cdot \theta^2$ $\leq 0.032 \text{ W/(m}\cdot\text{K)}$ $\leq 0.033 \text{ W/(m}\cdot\text{K)}$ $\leq 0.034 \text{ W/(m}\cdot\text{K)}$ $0.036 + 7.1316 \cdot 10^{-5} \cdot \theta + 1.2533 \cdot 10^{-6} \cdot \theta^2$ $\leq 0.035 \text{ W/(m}\cdot\text{K)}$ $\leq 0.036 \text{ W/(m}\cdot\text{K)}$ $\leq 0.037 \text{ W/(m}\cdot\text{K)}$	Test acc. to DIN EN ISO 8497      Test acc. to DIN EN ISO 8497
	Thickness $\geq 25$ mm			
<b>Water vapour permeability</b>	Thickness <25 mm	Moisture resistance factor $\mu$	$\geq 10000$  no separate vapour barrier required	Test acc. to DIN EN 13469  Test acc. to DIN EN 13469
	Thickness $\geq 25$ mm	Moisture resistance factor $\mu$	$\geq 7000$  no separate vapour barrier required	Test acc. to DIN EN 13469
<b>Fire behaviour</b>	Thickness $\leq 45$ mm	Euroclass characteristics <sup>(2)</sup>	B <sub>L</sub> -s2, d0	
	Thickness >45 mm	Euroclass characteristics <sup>(2)</sup>	C <sub>L</sub> -s2, d0	Test acc. to DIN EN 13501-1
	Tape	Euroclass characteristics <sup>(2)</sup>	B-s3, d0 (as part of a system incl. Kaiflex ST s2 tubes: up to B <sub>L</sub> -s2, d0)	
		Characteristics acc. to British Standard	Class O	In acc. with UK Building Regulations
	Surface spread of flame	Class 1	Test acc. to BS 476-7	
	Fire propagation	Total spread index: <12 Sub Index 1: <6 Self-extinguishing, no drips	Test acc. to BS 476-6 Test acc. to BS 476-6	
<b>Resistance to</b>	Corrosion		Satisfies requirements	In acc. with DIN 1988
	Mould and bacteria		No growth	Test acc. to DIN EN ISO 846 Meth. A+C In acc. with VDI 6022
<b>Insulation material index number acc. to AGI</b>			36.12.01.05.01	
<b>Environmental aspects</b>			No biocides added	
<b>Health aspects</b>			Fibre free: For high hygiene requirements Free from heavy metal (e.g. cadmium, lead) and formaldehyde	
<b>Other properties</b>	ph-Value		7	
<b>Other certificates / approvals</b>			CE-compliant UL-approved (UL94) FM-approved DNV, Lloyd's Register, See BG IAC Gold inspected Minergie-ECO Base	In acc. with UL94 V-0, HF 1    In acc. with ISO 16000, Part 3 & 6

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## Kaiflex ST s2 Technical Data

<b>Storage</b>	Self-adhesive products	The material must be installed within one year. Store in a dry room at a typical relative humidity (between 50 % and 70 %) and room temperature (between 0 °C and +35 °C)	
<b>Tolerances &amp; limits</b>		Satisfies requirements	In acc. with EN 14304:2009+A1:2013
<b>Outdoor applications</b>		Needs protection against UV-radiation	see remark (3)

Remark (1) For temperatures below -50 °C please contact our Technical Support Team for advice.

Remark (2) The Euroclass rating applies to metallic or solid mineral substrates.

Remark (3) To protect against UV-induced deterioration Kaiflex must be either painted using Kaifinish Color paint or covered with a suitable UV resistant cladding system within 1 day of being installed outdoors.



**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 2 m**

Copper pipe Cu		Iron & steel pipe Fe			6 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-2m-06x006	4001188	600
8.0	6				STs2-T-2m-06x008	4001189	500
10.0	8	1/8	10.2	6	STs2-T-2m-06x010	4001190	430
12.0	10		12.5		STs2-T-2m-06x012	4001191	350
15.0	10	1/4	13.5	8	STs2-T-2m-06x015	4001192	300
18.0	15	3/8	17.2	10	STs2-T-2m-06x018	4001193	280
22.0	20	1/2	21.3	15	STs2-T-2m-06x022	4001195	216
28.0	25	3/4	26.9	20	STs2-T-2m-06x028	4001197	150
35.0	32	1	33.7	25	STs2-T-2m-06x035	4001199	120

Copper pipe Cu		Iron & steel pipe Fe			9 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-2m-09x006	4001200	360
8.0	6				STs2-T-2m-09x008	4001201	340
10.0	8	1/8	10.2	6	STs2-T-2m-09x010	4001202	320
12.0	10		12.5		STs2-T-2m-09x012	4014070	264
15.0	10	1/4	13.5	8	STs2-T-2m-09x015	4014071	224
18.0	15	3/8	17.2	10	STs2-T-2m-09x018	4014072	192
			20.0		STs2-T-2m-09x020	4001206	160
22.0	20	1/2	21.3	15	STs2-T-2m-09x022	4001207	156
25.0	20		25.0		STs2-T-2m-09x025	4001208	130
28.0	25	3/4	26.9	20	STs2-T-2m-09x028	4001209	124
35.0	32	1	33.7	25	STs2-T-2m-09x035	4001212	92
42.0	40	1 1/4	42.4	32	STs2-T-2m-09x042	4001214	70
		1 1/2	48.3	40	STs2-T-2m-09x048	4001216	60
54.0	50		54.0		STs2-T-2m-09x054	4001217	60
		2	60.3	50	STs2-T-2m-09x060	4001219	60
64.0			63.5		STs2-T-2m-09x064	4001220	54
76.1	65	2 1/2	76.1	65	STs2-T-2m-09x076	4001222	54
88.9	80	3	88.9	80	STs2-T-2m-09x089	4001224	36
108.0	100		108.0		STs2-T-2m-09x108	4001226	28
114.0	100	4	114.3	100	STs2-T-2m-09x114	4001227	28
			125.0		STs2-T-2m-09x125	4001228	20
133.0	125		133.0		STs2-T-2m-09x133	4001229	16
		5	139.7	125	STs2-T-2m-09x140	4001230	16
159.0	150		160.0		STs2-T-2m-09x160	4001231	14

**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 2 m**

Copper pipe <b>Cu</b>		Iron & steel pipe <b>Fe</b>			13 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-2m-13x006	4001232	240
10.0	8	1/8	10.2	6	STs2-T-2m-13x010	4001234	190
12.0	10		12.5		STs2-T-2m-13x012	4001235	172
15.0	10	1/4	13.5	8	STs2-T-2m-13x015	4014073	144
18.0	15	3/8	17.2	10	STs2-T-2m-13x018	4014074	128
			20.0		STs2-T-2m-13x020	4001238	120
22.0	20	1/2	21.3	15	STs2-T-2m-13x022	4014075	108
25.0	20		25.0		STs2-T-2m-13x025	4001240	92
28.0	25	3/4	26.9	20	STs2-T-2m-13x028	4014076	84
35.0	32	1	33.7	25	STs2-T-2m-13x035	4001244	76
42.0	40	1 1/4	42.4	32	STs2-T-2m-13x042	4001246	56
		1 1/2	48.3	40	STs2-T-2m-13x048	4001248	48
54.0	50		54.0		STs2-T-2m-13x054	4001249	46
		2	60.3	50	STs2-T-2m-13x060	4001251	40
64.0			63.5		STs2-T-2m-13x064	4001252	40
70.0			70.0		STs2-T-2m-13x070	4001254	40
76.1	65	2 1/2	76.1	65	STs2-T-2m-13x076	4001255	34
80.0					STs2-T-2m-13x080	4001256	30
88.9	80	3	88.9	80	STs2-T-2m-13x089	4001257	30
108.0	100		108.0		STs2-T-2m-13x108	4001259	28
114.0	100	4	114.3	100	STs2-T-2m-13x114	4001260	28
			125.0		STs2-T-2m-13x125	4001261	20
133.0	125		133.0		STs2-T-2m-13x133	4001262	18
		5	139.7	125	STs2-T-2m-13x140	4001263	18
159.0	150		160.0		STs2-T-2m-13x160	4014077	20

**Kaiflex ST s2**  
Tube



Colour: Anthracite · Length: 2 m							
Copper pipe Cu		Iron & steel pipe Fe			19 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-2m-19x006	4014078	128
10.0	8	1/8	10.2	6	STs2-T-2m-19x010	4014079	108
12.0	10		12.5		STs2-T-2m-19x012	4001268	100
15.0	10	1/4	13.5	8	STs2-T-2m-19x015	4014080	80
18.0	15	3/8	17.2	10	STs2-T-2m-19x018	4014081	80
			20.0		STs2-T-2m-19x020	4001271	76
22.0	20	1/2	21.3	15	STs2-T-2m-19x022	4014082	72
25.0	20		25.0		STs2-T-2m-19x025	4001273	60
28.0	25	3/4	26.9	20	STs2-T-2m-19x028	4014083	56
35.0	32	1	33.7	25	STs2-T-2m-19x035	4001277	48
42.0	40	1 1/4	42.4	32	STs2-T-2m-19x042	4001279	40
		1 1/2	48.3	40	STs2-T-2m-19x048	4014084	36
54.0	50		54.0		STs2-T-2m-19x054	4001282	30
		2	60.3	50	STs2-T-2m-19x060	4001284	28
64.0			63.5		STs2-T-2m-19x064	4001285	28
70.0			70.0		STs2-T-2m-19x070	4001287	28
76.1	65	2 1/2	76.1	65	STs2-T-2m-19x076	4001288	28
80.0					STs2-T-2m-19x080	4001289	26
88.9	80	3	88.9	80	STs2-T-2m-19x089	4001290	22
108.0	100		108.0		STs2-T-2m-19x108	4001292	20
114.0	100	4	114.3	100	STs2-T-2m-19x114	4001293	18
			125.0		STs2-T-2m-19x125	4001294	18
133.0	125		133.0		STs2-T-2m-19x133	4001295	12
		5	139.7	125	STs2-T-2m-19x140	4001296	10
159.0	150		160.0		STs2-T-2m-19x160	4001297	8
168.0			168.3	150	STs2-T-2m-19x168	4001298	8

**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 2 m**

Copper pipe Cu		Iron & steel pipe Fe			25 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
10.0	8	1/8	10.2	6	STs2-T-2m-25x010	4001300	72
12.0	10		12.5		STs2-T-2m-25x012	4001301	60
15.0	10	1/4	13.5	8	STs2-T-2m-25x015	4014085	56
18.0	15	3/8	17.2	10	STs2-T-2m-25x018	4014086	48
			20.0		STs2-T-2m-25x020	4001304	50
22.0	20	1/2	21.3	15	STs2-T-2m-25x022	4001305	42
25.0	20		25.0		STs2-T-2m-25x025	4001306	40
28.0	25	3/4	26.9	20	STs2-T-2m-25x028	4001307	40
35.0	32	1	33.7	25	STs2-T-2m-25x035	4001309	32
42.0	40	1 1/4	42.4	32	STs2-T-2m-25x042	4001311	24
		1 1/2	48.3	40	STs2-T-2m-25x048	4001312	24
54.0	50		54.0		STs2-T-2m-25x054	4001313	22
		2	60.3	50	STs2-T-2m-25x060	4001314	22
64.0			63.5		STs2-T-2m-25x064	4001315	18
70.0			70.0		STs2-T-2m-25x070	4001317	18
76.1	65	2 1/2	76.1	65	STs2-T-2m-25x076	4001318	18
80.0					STs2-T-2m-25x080	4001319	14
88.9	80	3	88.9	80	STs2-T-2m-25x089	4001320	14
108.0	100		108.0		STs2-T-2m-25x108	4001322	10
114.0	100	4	114.3	100	STs2-T-2m-25x114	4001323	10
		5	139.7	125	STs2-T-2m-25x140	4001325	6
159.0	150		160.0		STs2-T-2m-25x160	4001326	6
168.0			168.3	150	STs2-T-2m-25x168	4001327	6

**Kaiflex ST s2**  
Tube



**Colour: Anthracite - Length: 2 m**

Copper pipe Cu		Iron & steel pipe Fe			32 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
10.0	8	1/8	10.2	6	STs2-T-2m-32x010	4001345	40
12.0	10		12.5		STs2-T-2m-32x012	4001346	36
15.0	10	1/4	13.5	8	STs2-T-2m-32x015	4001347	32
18.0	15	3/8	17.2	10	STs2-T-2m-32x018	4001348	32
22.0	20	1/2	21.3	15	STs2-T-2m-32x022	4001349	32
28.0	25	3/4	26.9	20	STs2-T-2m-32x028	4001351	24
35.0	32	1	33.7	25	STs2-T-2m-32x035	4001352	24
42.0	40	1 1/4	42.4	32	STs2-T-2m-32x042	4001353	22
		1 1/2	48.3	40	STs2-T-2m-32x048	4001354	18
54.0	50		54.0		STs2-T-2m-32x054	4001355	18
		2	60.3	50	STs2-T-2m-32x060	4001357	16
64.0			63.5		STs2-T-2m-32x064	4001358	16
70.0			70.0		STs2-T-2m-32x070	4001360	14
76.1	65	2 1/2	76.1	65	STs2-T-2m-32x076	4001361	12
80.0					STs2-T-2m-32x080	4001362	12
88.9	80	3	88.9	80	STs2-T-2m-32x089	4014087	12
108.0	100		108.0		STs2-T-2m-32x108	4001365	8
114.0	100	4	114.3	100	STs2-T-2m-32x114	4001366	8
			125.0		STs2-T-2m-32x125	4001367	6
133.0	125		133.0		STs2-T-2m-32x133	4001368	6
		5	139.7	125	STs2-T-2m-32x140	4001369	6
159.0	150		160.0		STs2-T-2m-32x160	4001370	4
168.0			168.3	150	STs2-T-2m-32x168	4001371	4

Copper pipe Cu		Iron & steel pipe Fe			40 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
22.0	20	1/2	21.3	15	STs2-T-2m-40x022	4001373	22
28.0	25	3/4	26.9	20	STs2-T-2m-40x028	4001375	16
35.0	32	1	33.7	25	STs2-T-2m-40x035	4001376	16
42.0	40	1 1/4	42.4	32	STs2-T-2m-40x042	4014088	12
		1 1/2	48.3	40	STs2-T-2m-40x048	4001378	12
54.0	50		54.0		STs2-T-2m-40x054	4001379	10
		2	60.3	50	STs2-T-2m-40x060	4001380	10
64.0			63.5		STs2-T-2m-40x064	4001381	10
76.1	65	2 1/2	76.1	65	STs2-T-2m-40x076	4001382	10
88.9	80	3	88.9	80	STs2-T-2m-40x089	4014089	8
114.0	100	4	114.3	100	STs2-T-2m-40x114	4001387	6
			125.0		STs2-T-2m-40x125	4001388	6
		5	139.7	125	STs2-T-2m-40x140	4001389	6
159.0	150		160.0		STs2-T-2m-40x160	4001390	4
168.0			168.3	150	STs2-T-2m-40x168	4001391	4

**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 2 m**

Copper pipe Cu		Iron & steel pipe Fe			50 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
22.0	20	1/2	21.3	15	STs2-T-2m-50x022	4001393	14
28.0	25	3/4	26.9	20	STs2-T-2m-50x028	4001395	10
35.0	32	1	33.7	25	STs2-T-2m-50x035	4001396	8
42.0	40	1 1/4	42.4	32	STs2-T-2m-50x042	4001397	8
		1 1/2	48.3	40	STs2-T-2m-50x048	4001398	8
54.0	50		54.0		STs2-T-2m-50x054	4001399	8
		2	60.3	50	STs2-T-2m-50x060	4001400	8
64.0			63.5		STs2-T-2m-50x064	4001401	6
76.1	65	2 1/2	76.1	65	STs2-T-2m-50x076	4001402	6
88.9	80	3	88.9	80	STs2-T-2m-50x089	4001403	6
114.0	100	4	114.3	100	STs2-T-2m-50x114	4001406	4
		5	139.7	125	STs2-T-2m-50x140	4014090	4
159.0	150		160.0		STs2-T-2m-50x160	4001409	2
168.0			168.3	150	STs2-T-2m-50x168	4001410	2

Copper pipe Cu		Iron & steel pipe Fe			60 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
114.0	100	4	114.3	100	STs2-T-2m-60x114	4001413	2
		5	139.7	125	STs2-T-2m-60x140	4001414	2
159.0	150		160.0		STs2-T-2m-60x160	4005653	2
168.0			168.3	150	STs2-T-2m-60x168	4001415	2

**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 1,2 m**

Copper pipe Cu		Iron & steel pipe Fe			9 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-1,2m-09x006	4002889	270.0
10.0	8	1/8	10.2	6	STs2-T-1,2m-09x010	4002890	228.0
12.0	10		12.5		STs2-T-1,2m-09x012	4014096	182.4
15.0	10	1/4	13.5	8	STs2-T-1,2m-09x015	4014097	144.0
18.0	15	3/8	17.2	10	STs2-T-1,2m-09x018	4014098	134.4
22.0	20	1/2	21.3	15	STs2-T-1,2m-09x022	4002894	112.8
28.0	25	3/4	26.9	20	STs2-T-1,2m-09x028	4002895	90.0
35.0	32	1	33.7	25	STs2-T-1,2m-09x035	4002896	69.6
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-09x042	4002897	57.6
		1 1/2	48.3	40	STs2-T-1,2m-09x048	4002898	50.4
54.0	50		54.0		STs2-T-1,2m-09x054	4002899	45.6
		2	60.3	50	STs2-T-1,2m-09x060	4002900	43.2
64.0			63.5		STs2-T-1,2m-09x064	4002901	43.2
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-09x076	4002902	36.0
88.9	80	3	88.9	80	STs2-T-1,2m-09x089	4002903	28.8
114.0	100	4	114.3	100	STs2-T-1,2m-09x114	4002905	19.2
			125.0		STs2-T-1,2m-09x125	4002906	13.2
		5	139.7	125	STs2-T-1,2m-09x140	4002908	12.0
159.0	150		160.0		STs2-T-1,2m-09x160	4002909	10.8

Copper pipe Cu		Iron & steel pipe Fe			13 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-1,2m-13x006	4002910	163.2
10.0	8	1/8	10.2	6	STs2-T-1,2m-13x010	4002911	134.4
12.0	10		12.5		STs2-T-1,2m-13x012	4002912	120.0
15.0	10	1/4	13.5	8	STs2-T-1,2m-13x015	4014099	98.4
18.0	15	3/8	17.2	10	STs2-T-1,2m-13x018	4014216	86.4
22.0	20	1/2	21.3	15	STs2-T-1,2m-13x022	4014100	76.8
25.0	20		25.0		STs2-T-1,2m-13x025	4010874	67.2
28.0	25	3/4	26.9	20	STs2-T-1,2m-13x028	4014101	57.6
35.0	32	1	33.7	25	STs2-T-1,2m-13x035	4014102	48.0
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-13x042	4014203	43.2
		1 1/2	48.3	40	STs2-T-1,2m-13x048	4002919	38.4
54.0	50		54.0		STs2-T-1,2m-13x054	4002920	36.0
		2	60.3	50	STs2-T-1,2m-13x060	4002921	28.8
64.0			63.5		STs2-T-1,2m-13x064	4002922	28.8
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-13x076	4002923	27.6
88.9	80	3	88.9	80	STs2-T-1,2m-13x089	4002924	24.0
108.0	100		108.0		STs2-T-1,2m-13x108	4002925	19.2
114.0	100	4	114.3	100	STs2-T-1,2m-13x114	4002926	19.2
			125.0		STs2-T-1,2m-13x125	4002927	13.2
133.0	125		133.0		STs2-T-1,2m-13x133	4002928	12.0
		5	139.7	125	STs2-T-1,2m-13x140	4002929	12.0
159.0	150		160.0		STs2-T-1,2m-13x160	4002930	10.8

**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 1,2 m**

Copper pipe Cu		Iron & steel pipe Fe			19 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
10.0	8	1/8	10.2	6	STs2-T-1,2m-19x010	4002931	86.4
12.0	10		12.5		STs2-T-1,2m-19x012	4002932	72.0
15.0	10	1/4	13.5	8	STs2-T-1,2m-19x015	4002933	67.2
18.0	15	3/8	17.2	10	STs2-T-1,2m-19x018	4002934	50.4
			20.0		STs2-T-1,2m-19x020	4012650	50.4
22.0	20	1/2	21.3	15	STs2-T-1,2m-19x022	4014103	48.0
25.0	20		25.0		STs2-T-1,2m-19x025	4010698	46.8
28.0	25	3/4	26.9	20	STs2-T-1,2m-19x028	4014104	38.4
35.0	32	1	33.7	25	STs2-T-1,2m-19x035	4014105	28.8
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-19x042	4002938	28.8
		1 1/2	48.3	40	STs2-T-1,2m-19x048	4014106	24.0
54.0	50		54.0		STs2-T-1,2m-19x054	4002940	21.6
		2	60.3	50	STs2-T-1,2m-19x060	4002941	21.6
64.0			63.5		STs2-T-1,2m-19x064	4002942	21.6
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-19x076	4002943	16.8
88.9	80	3	88.9	80	STs2-T-1,2m-19x089	4002944	16.8
		3 1/2	101.6		STs2-T-1,2m-19x102	4012652	14.4
108.0	100		108.0		STs2-T-1,2m-19x108	4014107	14.4
114.0	100	4	114.3	100	STs2-T-1,2m-19x114	4002946	13.2
			125.0		STs2-T-1,2m-19x125	4002947	12.0
133.0	125		133.0		STs2-T-1,2m-19x133	4002948	9.6
		5	139.7	125	STs2-T-1,2m-19x140	4002949	9.6
159.0	150		160.0		STs2-T-1,2m-19x160	4002950	7.2

Copper pipe Cu		Iron & steel pipe Fe			25 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
18.0	15	3/8	17.2	10	STs2-T-1,2m-25x018	4010699	37.2
22.0	20	1/2	21.3	15	STs2-T-1,2m-25x022	4002951	30.0
28.0	25	3/4	26.9	20	STs2-T-1,2m-25x028	4002952	24.0
					STs2-T-1,2m-25x032	4012654	21.6
35.0	32	1	33.7	25	STs2-T-1,2m-25x035	4002953	21.6
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-25x042	4002954	19.2
		1 1/2	48.3	40	STs2-T-1,2m-25x048	4002955	16.8
54.0	50		54.0		STs2-T-1,2m-25x054	4002956	16.8
		2	60.3	50	STs2-T-1,2m-25x060	4002957	15.6
64.0			63.5		STs2-T-1,2m-25x064	4002958	14.4
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-25x076	4002959	12.0
108.0	100		108.0		STs2-T-1,2m-25x108	4002961	7.2
114.0	100	4	114.3	100	STs2-T-1,2m-25x114	4002962	7.2
		5	139.7	125	STs2-T-1,2m-25x140	4002963	6.0
159.0	150		160.0		STs2-T-1,2m-25x160	4002964	6.0

**Kaiflex ST s2**  
Tube



**Colour: Anthracite · Length: 1,2 m**

Copper pipe Cu		Iron & steel pipe Fe			32 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-1,2m-32x015	4012656	21.6
18.0	15	3/8	17.2	10	STs2-T-1,2m-32x018	4010700	21.6
22.0	20	1/2	21.3	15	STs2-T-1,2m-32x022	4010361	21.6
28.0	25	3/4	26.9	20	STs2-T-1,2m-32x028	4002965	19.2
35.0	32	1	33.7	25	STs2-T-1,2m-32x035	4002966	18.0
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-32x042	4002967	14.4
		1 1/2	48.3	40	STs2-T-1,2m-32x048	4002968	13.2
54.0	50		54.0		STs2-T-1,2m-32x054	4002969	12.0
		2	60.3	50	STs2-T-1,2m-32x060	4002970	10.8
64.0			63.5		STs2-T-1,2m-32x064	4002971	10.8
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-32x076	4002972	9.6
88.9	80	3	88.9	80	STs2-T-1,2m-32x089	4002973	7.2
108.0	100		108.0		STs2-T-1,2m-32x108	4002974	7.2
114.0	100	4	114.3	100	STs2-T-1,2m-32x114	4002975	6.0
133.0	125		133.0		STs2-T-1,2m-32x133	4002976	6.0
159.0	150	5	139.7	125	STs2-T-1,2m-32x140	4002977	4.8
			160.0		STs2-T-1,2m-32x160	4002978	4.8

Copper pipe Cu		Iron & steel pipe Fe			40 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
22.0	20	1/2	21.3	15	STs2-T-1,2m-40x022	4010767	14.4
28.0	25	3/4	26.9	20	STs2-T-1,2m-40x028	4012214	14.4
35.0	32	1	33.7	25	STs2-T-1,2m-40x035	4002979	9.6
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-40x042	4002980	9.6
		1 1/2	48.3	40	STs2-T-1,2m-40x048	4002981	9.6
54.0	50		54.0		STs2-T-1,2m-40x054	4002982	7.2
		2	60.3	50	STs2-T-1,2m-40x060	4002983	7.2
64.0			63.5		STs2-T-1,2m-40x064	4002984	7.2
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-40x076	4002985	7.2
88.9	80	3	88.9	80	STs2-T-1,2m-40x089	4002986	6.0
114.0	100	4	114.3	100	STs2-T-1,2m-40x114	4002988	4.8
		5	139.7	125	STs2-T-1,2m-40x140	4002990	3.6
168.0			168.3	150	STs2-T-1,2m-40x168	4012593	2.4

**Kaiflex ST s2**

Tube · self-adhesive · with tangential cut



**Colour: Anthracite · Length: 2 m**

Copper pipe Cu		Iron & steel pipe Fe			9 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-2m-09x015-SA	4014125	224
18.0	15	3/8	17.2	10	STs2-T-2m-09x018-SA	4014126	192
22.0	20	1/2	21.3	15	STs2-T-2m-09x022-SA	4001651	156
28.0	25	3/4	26.9	20	STs2-T-2m-09x028-SA	4001652	124
35.0	32	1	33.7	25	STs2-T-2m-09x035-SA	4001653	92
42.0	40	1 1/4	42.4	32	STs2-T-2m-09x042-SA	4001654	70
		1 1/2	48.3	40	STs2-T-2m-09x048-SA	4001655	60
54.0	50		54.0		STs2-T-2m-09x054-SA	4001656	60
		2	60.3	50	STs2-T-2m-09x060-SA	4001657	60
64.0			63.5		STs2-T-2m-09x064-SA	4001658	54
76.1	65	2 1/2	76.1	65	STs2-T-2m-09x076-SA	4001659	54
88.9	80	3	88.9	80	STs2-T-2m-09x089-SA	4001660	36

Copper pipe Cu		Iron & steel pipe Fe			13 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-2m-13x015-SA	4014127	144
18.0	15	3/8	17.2	10	STs2-T-2m-13x018-SA	4014128	128
22.0	20	1/2	21.3	15	STs2-T-2m-13x022-SA	4014129	108
28.0	25	3/4	26.9	20	STs2-T-2m-13x028-SA	4014130	84
35.0	32	1	33.7	25	STs2-T-2m-13x035-SA	4001665	76
42.0	40	1 1/4	42.4	32	STs2-T-2m-13x042-SA	4001666	56
		1 1/2	48.3	40	STs2-T-2m-13x048-SA	4001667	48
54.0	50		54.0		STs2-T-2m-13x054-SA	4001668	46
		2	60.3	50	STs2-T-2m-13x060-SA	4001669	40
64.0			63.5		STs2-T-2m-13x064-SA	4001670	40
76.1	65	2 1/2	76.1	65	STs2-T-2m-13x076-SA	4001671	34
80.0					STs2-T-2m-13x080-SA	4001672	30
88.9	80	3	88.9	80	STs2-T-2m-13x089-SA	4001673	30

Copper pipe Cu		Iron & steel pipe Fe			19 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-2m-19x015-SA	4014131	80
18.0	15	3/8	17.2	10	STs2-T-2m-19x018-SA	4014132	80
22.0	20	1/2	21.3	15	STs2-T-2m-19x022-SA	4014133	72
28.0	25	3/4	26.9	20	STs2-T-2m-19x028-SA	4014134	56
35.0	32	1	33.7	25	STs2-T-2m-19x035-SA	4001678	48
42.0	40	1 1/4	42.4	32	STs2-T-2m-19x042-SA	4001679	40
		1 1/2	48.3	40	STs2-T-2m-19x048-SA	4014135	36
54.0	50		54.0		STs2-T-2m-19x054-SA	4001681	30
		2	60.3	50	STs2-T-2m-19x060-SA	4001682	28
64.0			63.5		STs2-T-2m-19x064-SA	4001683	28
76.1	65	2 1/2	76.1	65	STs2-T-2m-19x076-SA	4001685	28
88.9	80	3	88.9	80	STs2-T-2m-19x089-SA	4001686	22

**Kaiflex ST s2**

Tube · self-adhesive · with tangential cut



Colour: Anthracite · Length: 2 m							
Copper pipe Cu		Iron & steel pipe Fe			25 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-2m-25x015-SA	4014136	56
22.0	20	1/2	21.3	15	STs2-T-2m-25x022-SA	4001688	42
28.0	25	3/4	26.9	20	STs2-T-2m-25x028-SA	4001689	40
35.0	32	1	33.7	25	STs2-T-2m-25x035-SA	4001690	32
42.0	40	1 1/4	42.4	32	STs2-T-2m-25x042-SA	4001691	24
		1 1/2	48.3	40	STs2-T-2m-25x048-SA	4001692	24
54.0	50		54.0		STs2-T-2m-25x054-SA	4001693	22
		2	60.3	50	STs2-T-2m-25x060-SA	4001694	22
					STs2-T-2m-25x067-SA	4007422	18
76.1	65	2 1/2	76.1	65	STs2-T-2m-25x076-SA	4001695	18
88.9	80	3	88.9	80	STs2-T-2m-25x089-SA	4001696	14

**Kaiflex ST s2**

Tube · self-adhesive · with tangential cut



Colour: Anthracite · Length: 1.2 m							
Copper pipe Cu		Iron & steel pipe Fe			9 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-1,2m-09x015-SA	4014137	144.0
22.0	20	1/2	21.3	15	STs2-T-1,2m-09x022-SA	4003003	112.8
28.0	25	3/4	26.9	20	STs2-T-1,2m-09x028-SA	4006747	90.0
35.0	32	1	33.7	25	STs2-T-1,2m-09x035-SA	4005862	69.6
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-09x042-SA	4006748	57.6
		1 1/2	48.3	40	STs2-T-1,2m-09x048-SA	4009480	50.4
54.0	50		54.0		STs2-T-1,2m-09x054-SA	4006749	45.6
		2	60.3	50	STs2-T-1,2m-09x060-SA	4005863	43.2
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-09x076-SA	4006750	36.0

**Kaiflex ST s2**

Tube · self-adhesive · with tangential cut



**Colour: Anthracite · Length: 1.2 m**

Copper pipe Cu		Iron & steel pipe Fe			13 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
12.0	10		12.5		STs2-T-1,2m-13x012-SA	4004928	120.0
15.0	10	1/4	13.5	8	STs2-T-1,2m-13x015-SA	4014138	98.4
18.0	15	3/8	17.2	10	STs2-T-1,2m-13x018-SA	4014217	86.4
22.0	20	1/2	21.3	15	STs2-T-1,2m-13x022-SA	4014139	76.8
28.0	25	3/4	26.9	20	STs2-T-1,2m-13x028-SA	4014140	57.6
35.0	32	1	33.7	25	STs2-T-1,2m-13x035-SA	4014141	48.0
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-13x042-SA	4014204	43.2
		1 1/2	48.3	40	STs2-T-1,2m-13x048-SA	4005866	38.4
54.0	50		54.0		STs2-T-1,2m-13x054-SA	4005867	36.0
		2	60.3	50	STs2-T-1,2m-13x060-SA	4005868	28.8
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-13x076-SA	4005869	27.6
88.9	80	3	88.9	80	STs2-T-1,2m-13x089-SA	4012822	24.0

Copper pipe Cu		Iron & steel pipe Fe			19 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
15.0	10	1/4	13.5	8	STs2-T-1,2m-19x015-SA	4006752	67.2
18.0	15	3/8	17.2	10	STs2-T-1,2m-19x018-SA	4010416	50.4
22.0	20	1/2	21.3	15	STs2-T-1,2m-19x022-SA	4014142	48.0
28.0	25	3/4	26.9	20	STs2-T-1,2m-19x028-SA	4014143	38.4
35.0	32	1	33.7	25	STs2-T-1,2m-19x035-SA	4014144	28.8
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-19x042-SA	4010717	28.8
		1 1/2	48.3	40	STs2-T-1,2m-19x048-SA	4014145	24.0
54.0	50		54.0		STs2-T-1,2m-19x054-SA	4010871	21.6
		2	60.3	50	STs2-T-1,2m-19x060-SA	4012824	21.6
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-19x076-SA	4010872	16.8
88.9	80	3	88.9	80	STs2-T-1,2m-19x089-SA	4010873	16.8

Copper pipe Cu		Iron & steel pipe Fe			25 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
22.0	20	1/2	21.3	15	STs2-T-1,2m-25x022-SA	4012613	30.0
28.0	25	3/4	26.9	20	STs2-T-1,2m-25x028-SA	4012614	24.0
35.0	32	1	33.7	25	STs2-T-1,2m-25x035-SA	4012827	21.6
42.0	40	1 1/4	42.4	32	STs2-T-1,2m-25x042-SA	4012828	19.2
		1 1/2	48.3	40	STs2-T-1,2m-25x048-SA	4012829	16.8
54.0	50		54.0		STs2-T-1,2m-25x054-SA	4012830	16.8
		2	60.3	50	STs2-T-1,2m-25x060-SA	4012831	15.6
76.1	65	2 1/2	76.1	65	STs2-T-1,2m-25x076-SA	4012832	12.0

**Kaiflex ST s2**  
Tube · endless



Colour: Anthracite							
Copper pipe Cu		Iron & steel pipe Fe			6 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-e-06x006	4001500	50
8.0	6				STs2-T-e-06x008	4001501	48
10.0	8	1/8	10.2	6	STs2-T-e-06x010	4001502	46
12.0	10		12.5		STs2-T-e-06x012	4001503	40
15.0	10	1/4	13.5	8	STs2-T-e-06x015	4001504	38
18.0	15	3/8	17.2	10	STs2-T-e-06x018	4001505	30
22.0	20	1/2	21.3	15	STs2-T-e-06x022	4001506	23
28.0	25	3/4	26.9	20	STs2-T-e-06x028	4001507	20

Copper pipe Cu		Iron & steel pipe Fe			9 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-e-09x006	4001508	40
8.0	6				STs2-T-e-09x008	4001509	37
10.0	8	1/8	10.2	6	STs2-T-e-09x010	4001510	34
12.0	10		12.5		STs2-T-e-09x012	4001511	31
15.0	10	1/4	13.5	8	STs2-T-e-09x015	4001512	27
18.0	15	3/8	17.2	10	STs2-T-e-09x018	4001513	23
			20.0		STs2-T-e-09x020	4006619	23
22.0	20	1/2	21.3	15	STs2-T-e-09x022	4001514	19
28.0	25	3/4	26.9	20	STs2-T-e-09x028	4001515	14

Copper pipe Cu		Iron & steel pipe Fe			13 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Dimension / Reference	Order No.	m/ carton
6.0	4				STs2-T-e-13x006	4001516	26
10.0	8	1/8	10.2	6	STs2-T-e-13x010	4001518	23
12.0	10		12.5		STs2-T-e-13x012	4001519	18
15.0	10	1/4	13.5	8	STs2-T-e-13x015	4001520	17
18.0	15	3/8	17.2	10	STs2-T-e-13x018	4001521	15
22.0	20	1/2	21.3	15	STs2-T-e-13x022	4001522	14
28.0	25	3/4	26.9	20	STs2-T-e-13x028	4001523	10

## Accessories

### Adhesive · Cleaner · Protective Coating

		Details	Dimension / Reference	Order No.	Container type	Content	Pcs./ PU
<b>Adhesive</b>							
	Kaiflex Special Adhesive 414	incl brush · toluene-free	<b>Ad-414-CA220</b>	4004706	Can	220 g	24
	Kaiflex Special Adhesive 414	toluene-free	<b>Ad-414-CA660</b>	4004708	Can	660 g	20
	Kaiflex Special Adhesive 414	toluene-free	<b>Ad-414-CN2200</b>	4004710	Canister	2200 g	6
<b>Cleaner</b>							
	Kaiflex Cleaner		<b>Clean-CA1000</b>	4004732	Can	1.0 l	12
<b>Protective Coating</b>							
	Kaifinish Color	Colour: White (approx. RAL 9010)	<b>KF-Co-wh-CA750</b>	4004719	Can	0.75 l	4
		Colour: Grey (approx. RAL 7035)	<b>KF-Co-gr-CA750</b>	4004720	Can	0.75 l	4
		Colour: Black (approx. RAL 9005)	<b>KF-Co-bl-CA750</b>	4004721	Can	0.75 l	4

## Accessories

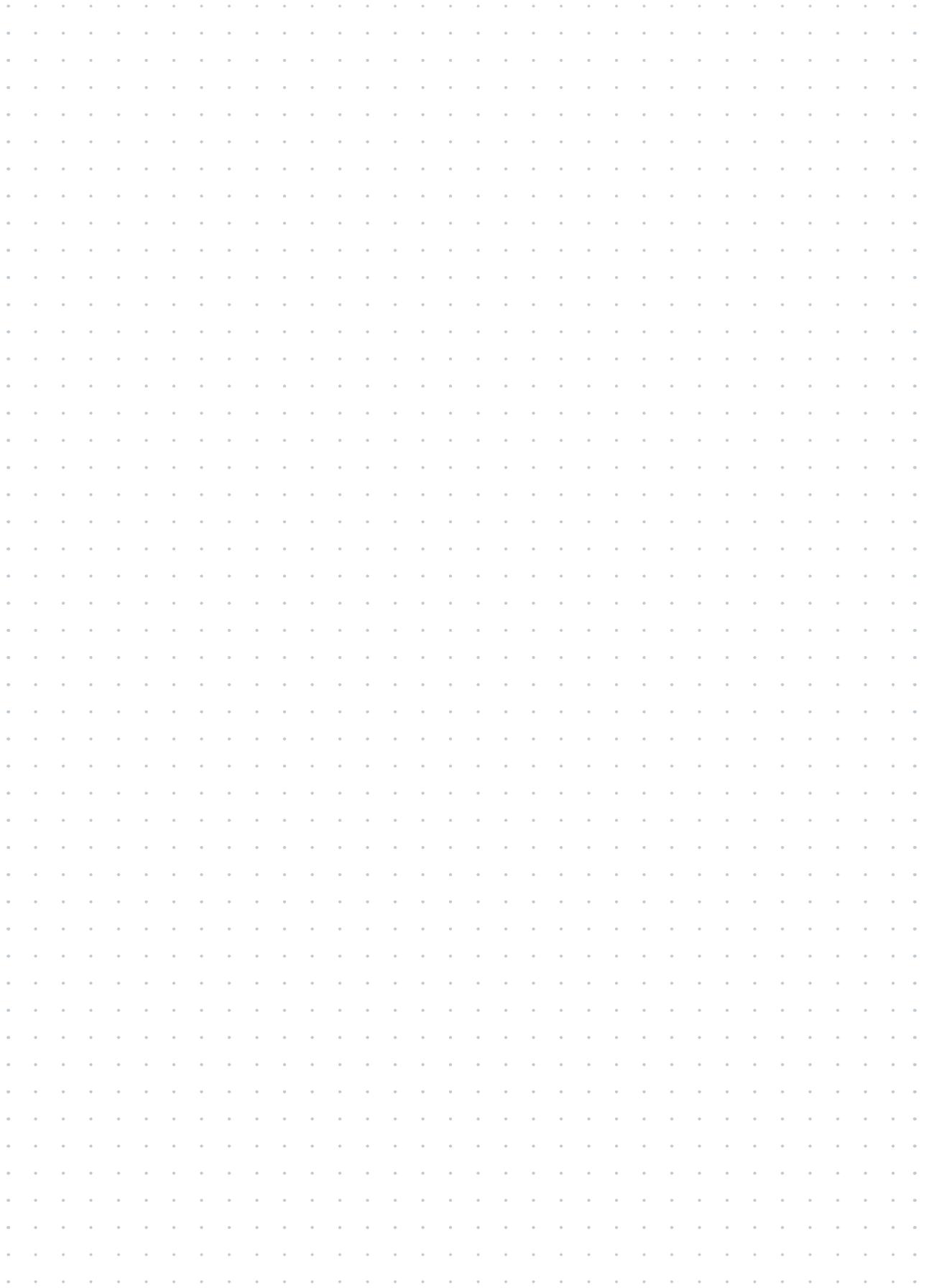
### Glue pump · Knife · Gel ink pen

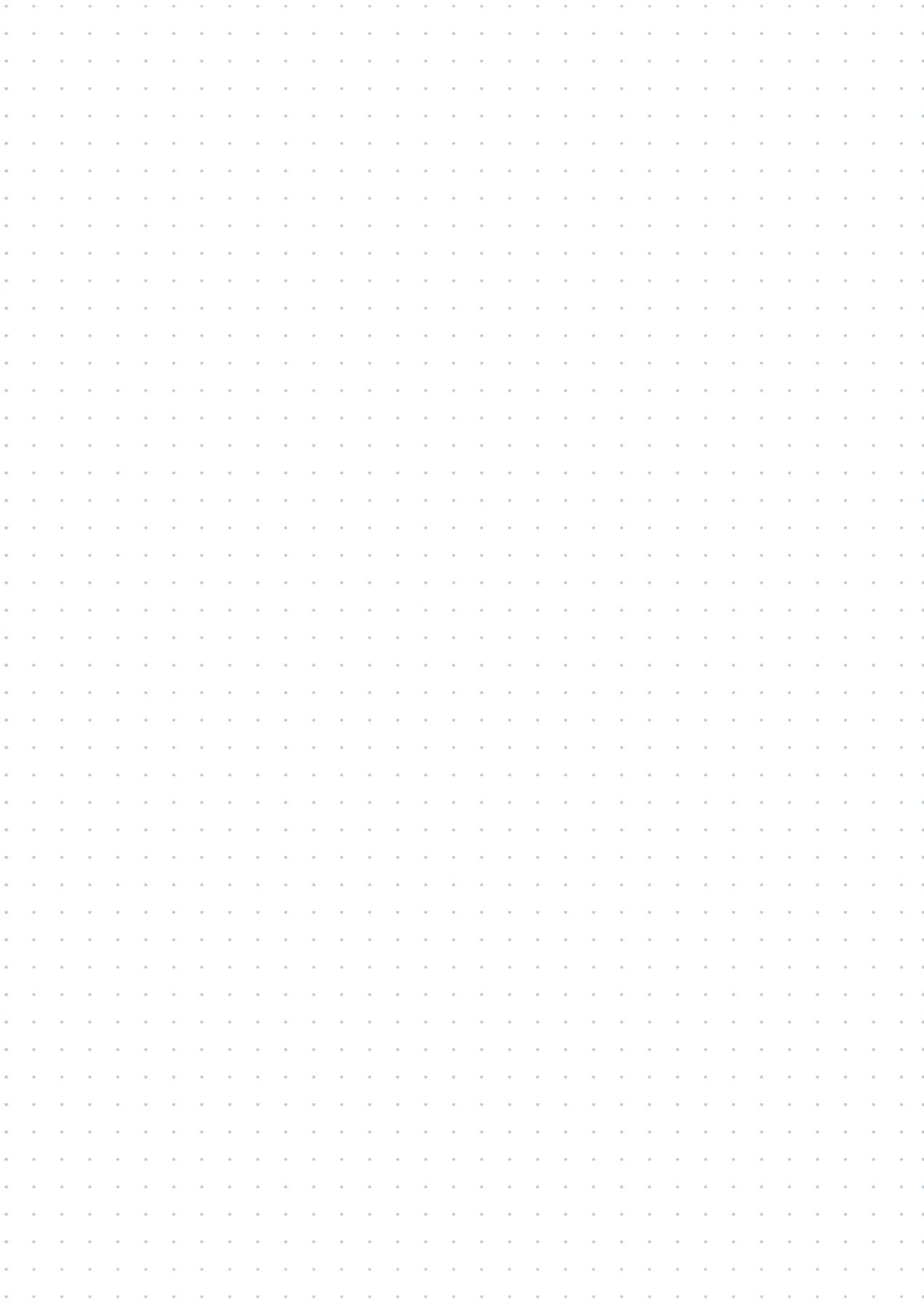
		Details	Dimension / Reference	Order No.	Pcs./ PU
<b>Glue pump</b>					
	Glue pump	long spout · 17 mm brush	<b>GI-Pmp-long</b>	4004718	1
	Glue pump	short spout · 17 mm brush	<b>GI-Pmp-short</b>	4004715	1
	11 mm brush	for glue pump	<b>GI-Pmp-Brush-11</b>	4004716	1
	17 mm brush	for glue pump	<b>GI-Pmp-Brush-17</b>	4004717	1
<b>Knife</b>					
	Ceramic knife	with ceramic blade (15 cm) and plastic handle (14 cm)	<b>Knf-Ceramic</b>	4004737	1
	Sheet knife		<b>Knf-Sheet</b>	4004735	1
	Set of knives	3 knives, 1 whetstone	<b>Knf-Set</b>	4004736	1
<b>Gel ink pen</b>					
	Gel ink pen	Colour: Silver · for marking on insulation materials	<b>Gelpen</b>	4004730	12

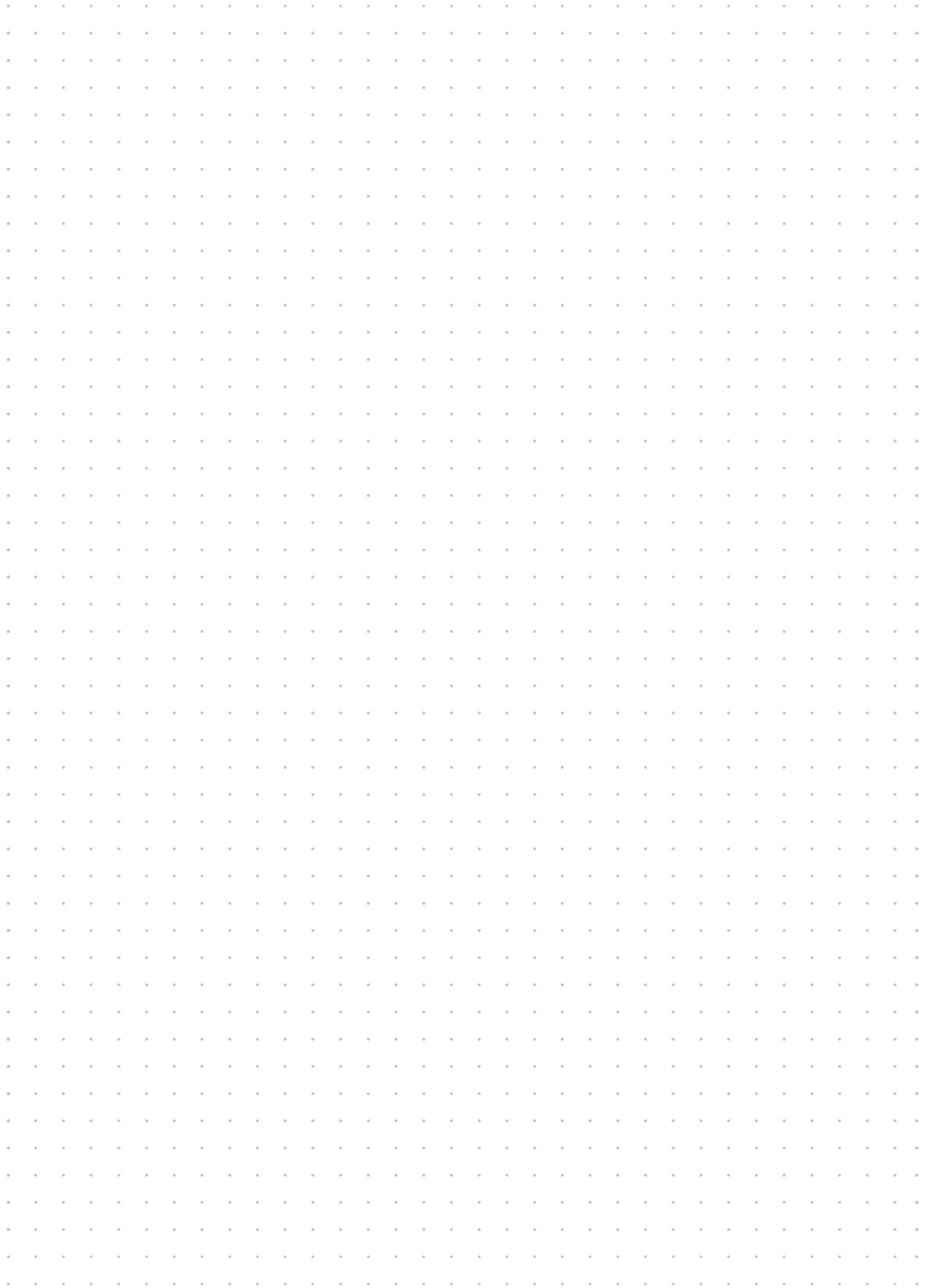
## Accessories

### Tape

		Details	Dimension / Reference	Order No.	Width mm	Length m	Thickness mm	Pcs./ PU
	Kaiflex ST Tape	self-adhesive	<b>Tp-ST-50/15/3-SA</b>	4004675	50	15	3	12







## Tolerances, Limits

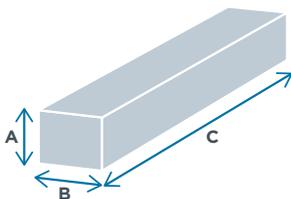
EN 14304:2009+A1:2013 · Flexible Elastomeric Foam (FEF)

Delivery form	Length	Width	Thickness		Perpendicularity	Inner diameter	
			Stated	Limits		$D_i \leq 100$	$D_i > 100$
Tube	±1.5 %	-	$d_b \leq 8$ $8 < d_b \leq 18$ $18 < d_b \leq 31$ $d_b > 31$	±1.0 ±1.5 ±2.5 ±3.0	3.0 mm	$D_{iD} + 1 \leq D_i \leq D_{iD} + 4$	$D_{iD} + 1 \leq D_i \leq D_{iD} + 6$
Tape	+5.0 % -1.5 %	±2.0 %	$d_b = 3$	-0.1 +1.5	-	-	-

Measurements in mm ·  $D_i$  = inner diameter ·  $d_b$  = Nominal thickness of product ·  $D_{iD}$  = Nominal thickness of a tube

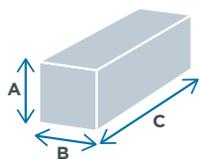
## Kaiflex ST s2

Packaging types



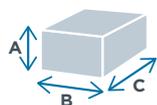
### Tube · Length: 2 m

A: 320 mm  
B: 410 mm  
C: 2120 mm  
Volume: 0.278 m<sup>3</sup>



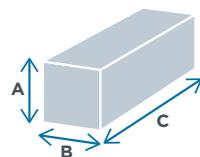
### Tube · Length: 1.2 m

A: 385 mm  
B: 400 mm  
C: 1230 mm  
Volume: 0.189 m<sup>3</sup>



### Tube · endless

A: 300 mm  
B: 500 mm  
C: 500 mm  
Volume: 0.075 m<sup>3</sup>



### Tape

A: 300 mm  
B: 300 mm  
C: 620 mm  
Volume: 0.056 m<sup>3</sup>



## General information

- Delivery in full packing units only.
- Delivery of 2 m tubes in shorter length: Up to 10 % of carton content may be supplied in length of 1 m. Carton content of less than 20 m tubes of 2 m length may be delivered in two pieces of 1 m length.
- The pipe dimensions given in the tables refer to DIN EN 1057 for copper pipes and DIN EN 10255 for steel pipes.
- Kaimann accessories are to be used to ensure proper installation.

## WE CREATE SOLUTIONS

Always finding the best solution for customers – this simple resolution is what produces innovative ideas and continuous progress at Kaimann. The company is one of the leading suppliers of technology and innovation in elastomeric insulation and offers a broad product portfolio for a wide range of applications, e.g. in building services and technology as well as industry.

These products ensure higher energy efficiency and sustainability, combined with effective protection against corrosion, fire and noise. Thanks to environmental product declarations (EPDs), Kaimann insulation also provides more transparency for its life cycle assessment.



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