



Kaiflex[®] KKplus s3

Proven and durable insulation of surfaces and large pipelines

- Universal insulation material for busy public and commercial buildings
- Increased energy efficiency thanks to very good thermal conductivity of up to $\lambda \leq 0.033$ (W/m·K)
- Reliably prevents condensation and reduces the risk of corrosion under the insulation
- Additional protection against micro-organisms and mould



Kaiflex® KKplus s3

Proven and durable insulation of surfaces and large pipelines

Efficient and long-term insulation of pipework is of great importance for the energy efficiency and comfort of buildings.

With its very high-level technical attributes, Kaiflex KKplus s3 is the economical alternative for applications requiring the utmost in energy efficiency. This proven closed-cell rubber insulation material has an excellent thermal efficiency of up to $\lambda \leq 0.033$ (W/m·K) and condensation resistance of up to $\mu \geq 10,000$ even at low layer thicknesses, so reliably preventing energy losses and pipe corrosion in the long term.

Kaiflex KKplus s3 is suitable for the technical insulation of refrigeration and air conditioning systems, especially for surfaces and large pipes. The insulation material provides an effective water vapour barrier to ensure reliable insulating performance over the entire operational life of the system.

Highly efficient at any insulation thickness

Kaiflex KKplus s3 sheet material is flexible and easy to work with, and is offered in standard formats from 6 to 32 mm and in thicker versions of e.g. 50 mm, in precut shapes (elbows, strips etc.) and in self-adhesive versions.

Thanks to its antimicrobial and fibre-free structure, the material meets high hygienic requirements and is classified to B-s3, d0, making it especially suitable for insulation in healthcare facilities as well as public, commercial and industrial buildings. For example, it is used in airports, industrial plants, large office complexes and hotels.

Installation: Simple and time-saving

Thanks to the installation-friendly product length and integrated application aid, Kaiflex Connect installs quickly and easily on large diameter pipework. With the integrated positioning aid – a

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self-adhesive strip – the insulation material can be affixed to the pipe without tools or additional adhesive. This prevents slipping during installation and makes sure that the longitudinal seams fit together flush. An enlarged cutting and adhesive surface with overlap over the seam contributes additional strength to the bond. It also makes overhead handling easier, saving time on-site and increasing the speed of application.

Improved planning and ecological transparency

To assist planners and installers in selecting the optimum insulation system, the Kaimann Fire Protection Planner at www.sgti-firepenetration.com offers further information and specialist support.

Environmental Product Declarations (EPD) make the ecological assessment of Kaimann insulation materials even more transparent. In this way, the company assists in the planning and certification of sustainable buildings.



High safety due to good fire behaviour

The requirements for certified safety in case of fire have increased worldwide for elastomeric insulation materials. Kaiflex reduces the spread of fire and smoke, is self-extinguishing and does not drip off when burning.



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

Certified quality



EPD

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

Related system components and accessories from our product range



Kaiflex RT-KKplus
Insulated pipe support to prevent condensation and thermal bridges.



Kaiflex FT
Insulated duct support to prevent condensation and thermal bridges.



Special Adhesive, Tape, Tools,...

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



On-site consulting

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



Kaiflex KKplus s3
Technical Data

Material type base		Elastomeric foam based on synthetic rubber, Flexible Elastomeric Foam (FEF)		
Cell structure		Closed cell		
Colour		Anthracite		
Max. service temperature	Flat surface	+85 °C		
Min. service temperature		-50 °C (-200 °C)	see remark (1)	
Thermal conductivity	Thickness <32 mm	λ_{θ} at -10 °C	$0.033 + 7.1316 \cdot 10^{-5} \cdot \theta + 1.2533 \cdot 10^{-6} \cdot \theta^2$ ≤ 0.032 W/(m·K)	Test acc. to DIN EN 12667
		at 0 °C	≤ 0.033 W/(m·K)	
	Thickness ≥ 32 mm	at +10 °C	≤ 0.034 W/(m·K)	Test acc. to DIN EN 12667
		λ_{θ} at -10 °C	$0.036 + 7.1316 \cdot 10^{-5} \cdot \theta + 1.2533 \cdot 10^{-6} \cdot \theta^2$ ≤ 0.035 W/(m·K)	
Water vapour permeability	Thickness <32 mm	Moisture resistance factor μ	$\geq 10,000$ no separate vapour barrier required	Test acc. to DIN EN 12086
	Thickness ≥ 32 mm	Moisture resistance factor μ	$\geq 7,000$ no separate vapour barrier required	Test acc. to DIN EN 12086
Fire behaviour		Euroclass characteristics ⁽²⁾	B-s3, d0	Test acc. to DIN EN 13501-1
		Characteristics acc. to British Standard	Class O Self-extinguishing, no drips	In acc. with UK Building Regulations
Fire resistance classification			R90	(ABP) Nr.:P-MPA-E-14-001
Resistance to	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
Insulation material index number acc. to AGI			36.07.02.05.04	
Environmental aspects			No biocides added	
Health aspects			Fibre free: For high hygiene requirements Free from heavy metal (e.g. cadmium, lead) and formaldehyde	
Other properties	pH-Value		7	
Other certificates / approvals			CE-compliant FIW-audited (European Insulation Keymark Scheme for Thermal Insulation Products) FM-approved DNV, Lloyd's Register, See BG	035-FIW-2-008.0-01
			The material must be installed within one year after delivery and proper storage. Store in a dry room at a typical relative humidity (between 50 % and 70 %) and room temperature (between 0 °C and +35 °C)	
Storage	Self-adhesive products			
Tolerances & limits			Satisfies requirements	In acc. with EN 14304:2009+A1:2013
Outdoor applications			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 KKplus s3

Sheet · endless



Colour: Anthracite · Width: 1 m · OD coil: 40 cm · in box

Insulation thickness mm	Dimension / Reference	Order No.	rm/ carton	m ² / carton
3	KK+s3-Sh-e-1m-40BX-03	4003067	30	30
6	KK+s3-Sh-e-1m-40BX-06	4003068	18	18
10	KK+s3-Sh-e-1m-40BX-10	4003069	10	10
13	KK+s3-Sh-e-1m-40BX-13	4003070	8	8
16	KK+s3-Sh-e-1m-40BX-16	4003071	7	7
19	KK+s3-Sh-e-1m-40BX-19	4003072	6	6
25	KK+s3-Sh-e-1m-40BX-25	4003073	4	4
32	KK+s3-Sh-e-1m-40BX-32	4003074	3	3

Kaiflex KKplus s3

Sheet · endless · self-adhesive



Colour: Anthracite · Width: 1 m · OD coil: 40 cm · in box

Insulation thickness mm	Dimension / Reference	Order No.	rm/ carton	m ² / carton
3	KK+s3-Sh-e-1m-40BX-03-SA	4003075	18	18
6	KK+s3-Sh-e-1m-40BX-06-SA	4003076	18	18
10	KK+s3-Sh-e-1m-40BX-10-SA	4003077	10	10
13	KK+s3-Sh-e-1m-40BX-13-SA	4003078	8	8
16	KK+s3-Sh-e-1m-40BX-16-SA	4003079	7	7
19	KK+s3-Sh-e-1m-40BX-19-SA	4003080	6	6
25	KK+s3-Sh-e-1m-40BX-25-SA	4003082	4	4
32	KK+s3-Sh-e-1m-40BX-32-SA	4003083	3	3

Kaiflex KKplus s3

Sheet · pre-cut



Colour: Anthracite · Length: 2.0 m · Width: 1.0 m · in box

Insulation thickness mm	Dimension / Reference	Order No.	m ² / carton
3	KK+s3-Sh-c-2x1m-BX-03	4003031	96
6	KK+s3-Sh-c-2x1m-BX-06	4003033	48
10	KK+s3-Sh-c-2x1m-BX-10	4003035	32
13	KK+s3-Sh-c-2x1m-BX-13	4003037	24
16	KK+s3-Sh-c-2x1m-BX-16	4003039	20
19	KK+s3-Sh-c-2x1m-BX-19	4003041	16
25	KK+s3-Sh-c-2x1m-BX-25	4003043	12
32	KK+s3-Sh-c-2x1m-BX-32	4003045	10
50	KK+s3-Sh-c-2x1m-BX-50	4003048	6

Kaiflex KKplus s3

Sheet · pre-cut · self-adhesive



Colour: Anthracite · Length: 2 m · Width: 1 m · in box

Insulation thickness mm	Dimension / Reference	Order No.	m ² /carton
3	KK+s3-Sh-c-2x1m-BX-03-SA	4003050	96
6	KK+s3-Sh-c-2x1m-BX-06-SA	4003052	48
10	KK+s3-Sh-c-2x1m-BX-10-SA	4003054	32
13	KK+s3-Sh-c-2x1m-BX-13-SA	4003056	24
16	KK+s3-Sh-c-2x1m-BX-16-SA	4003058	20
19	KK+s3-Sh-c-2x1m-BX-19-SA	4003060	16
25	KK+s3-Sh-c-2x1m-BX-25-SA	4003062	12
32	KK+s3-Sh-c-2x1m-BX-32-SA	4003064	10
50	KK+s3-Sh-c-2x1m-BX-50-SA	4003066	6

Kaiflex KKplus s3

Sheet · pre-cut (Connect) · self-adhesive with tangential cut · with SA-overlap (3 mm Tape)



Colour: Anthracite · Length: 1 m · in box

Copper pipe Cu		Iron & steel pipe Fe				13 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Min ID mm	Dimension / Reference	Order No.	m/carton
76.1	65	2 1/2	76.1	65	76	KK+s3-Sh-c-Con-13x076-SA	4000653	25
88.9	80	3	88.9	80	89	KK+s3-Sh-c-Con-13x089-SA	4000654	25
108.0	100		108.0		108	KK+s3-Sh-c-Con-13x108-SA	4000655	25
114.0	100	4	114.3	100	114	KK+s3-Sh-c-Con-13x114-SA	4000656	25
			125.0		125	KK+s3-Sh-c-Con-13x125-SA	4000657	25
133.0	125		133.0		133	KK+s3-Sh-c-Con-13x133-SA	4000658	25
		5	139.7	125	140	KK+s3-Sh-c-Con-13x140-SA	4005577	25
159.0	150		160.0		160	KK+s3-Sh-c-Con-13x160-SA	4000659	25
168.0	150	6	168.3	150	168	KK+s3-Sh-c-Con-13x168-SA	4000660	25
		8	219.1	200	219	KK+s3-Sh-c-Con-13x219-SA	4000661	25
		10	273.0	200	273	KK+s3-Sh-c-Con-13x273-SA	4005578	25
		12	323.9	300	323	KK+s3-Sh-c-Con-13x323-SA	4007356	8

Copper pipe Cu		Iron & steel pipe Fe				19 mm Insulation thickness		
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Min ID mm	Dimension / Reference	Order No.	m/carton
76.1	65	2 1/2	76.1	65	76	KK+s3-Sh-c-Con-19x076-SA	4000662	18
88.9	80	3	88.9	80	89	KK+s3-Sh-c-Con-19x089-SA	4000663	18
108.0	100		108.0		108	KK+s3-Sh-c-Con-19x108-SA	4000664	18
114.0	100	4	114.3	100	114	KK+s3-Sh-c-Con-19x114-SA	4000665	18
			125.0		125	KK+s3-Sh-c-Con-19x125-SA	4000666	18
133.0	125		133.0		133	KK+s3-Sh-c-Con-19x133-SA	4000667	18
		5	139.7	125	140	KK+s3-Sh-c-Con-19x140-SA	4000668	18
159.0	150		160.0		160	KK+s3-Sh-c-Con-19x160-SA	4000670	18
168.0	150	6	168.3	150	168	KK+s3-Sh-c-Con-19x168-SA	4000671	18
		8	219.1	200	219	KK+s3-Sh-c-Con-19x219-SA	4000673	18
		10	273.0	200	273	KK+s3-Sh-c-Con-19x273-SA	4000674	18
		12	323.9	300	323	KK+s3-Sh-c-Con-19x323-SA	4000675	6

Kaiflex KKplus s3

Sheet · pre-cut (Connect) · self-adhesive
with tangential cut · with SA-overlap (3 mm Tape)



Colour: Anthracite · Length: 1 m · in box								
Copper pipe Cu		Iron & steel pipe Fe			25 mm Insulation thickness			
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Min ID mm	Dimension / Reference	Order No.	m/ carton
114.0	100	4	114.3	100	114	KK+s3-Sh-c-Con-25x114-SA	4000677	13
			125.0		125	KK+s3-Sh-c-Con-25x125-SA	4007357	13
133.0	125	5	133.0		133	KK+s3-Sh-c-Con-25x133-SA	4005581	13
			139.7	125	140	KK+s3-Sh-c-Con-25x140-SA	4000678	13
159.0	150		160.0		160	KK+s3-Sh-c-Con-25x160-SA	4006527	13
168.0	150	6	168.3	150	168	KK+s3-Sh-c-Con-25x168-SA	4000679	13
			219.1	200	219	KK+s3-Sh-c-Con-25x219-SA	4005582	13
			273.0	200	273	KK+s3-Sh-c-Con-25x273-SA	4005583	13
			323.9	300	323	KK+s3-Sh-c-Con-25x323-SA	4006528	5

Copper pipe Cu		Iron & steel pipe Fe			32 mm Insulation thickness			
OD mm	Nom. width DN	Inch	OD mm	Nom. width DN	Min ID mm	Dimension / Reference	Order No.	m/ carton
114.0	100	4	114.3	100	114	KK+s3-Sh-c-Con-32x114-SA	4007358	11
			125.0		125	KK+s3-Sh-c-Con-32x125-SA	4000681	11
133.0	125	5	133.0		133	KK+s3-Sh-c-Con-32x133-SA	4007359	11
			139.7	125	140	KK+s3-Sh-c-Con-32x140-SA	4000682	11
159.0	150		160.0		160	KK+s3-Sh-c-Con-32x160-SA	4007360	11
168.0	150	6	168.3	150	168	KK+s3-Sh-c-Con-32x168-SA	4000683	11
			219.1	200	219	KK+s3-Sh-c-Con-32x219-SA	4000684	11
			273.0	200	273	KK+s3-Sh-c-Con-32x273-SA	4000685	11
			323.9	300	323	KK+s3-Sh-c-Con-32x323-SA	4005584	4

Kaiflex KKplus s3

Two-piece elbow · made of 1.5 D sheet material



Colour: Anthracite								
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.	Pcs./ carton	
76.1	65	2 1/2	76.1	65	KK+s3-El-1,5D-13x076	4002421	6	
88.9	80	3	88.9	80	KK+s3-El-1,5D-13x089	4002422	6	
			101.6		KK+s3-El-1,5D-13x102	4002423	6	
108.0	100		108.0		KK+s3-El-1,5D-13x108	4005825	6	
114.0	100	4	114.3	100	KK+s3-El-1,5D-13x114	4002424	6	
			125.0		KK+s3-El-1,5D-13x125	4007585	6	
133.0	125	5	133.0		KK+s3-El-1,5D-13x133	4007586	6	
			139.7	125	KK+s3-El-1,5D-13x140	4002425	6	
159.0	150	6	160.0		KK+s3-El-1,5D-13x160	4002426	6	
			165.1	150	KK+s3-El-1,5D-13x165	4007587	6	
168.0	150	6	168.3	150	KK+s3-El-1,5D-13x168	4007588	6	
			200.0		KK+s3-El-1,5D-13x204	4002427	6	
			219.1	200	KK+s3-El-1,5D-13x219	4005826	6	
			273.0	200	KK+s3-El-1,5D-13x273	4002428	6	

Kaiflex KKplus s3

Two-piece elbow · made of 1.5 D sheet material



Colour: Anthracite

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.	Pcs./ carton
60.3		2	60.3	50	KK+s3-EI-1,5D-19x060	4009348	5
76.1	65	2 1/2	76.1	65	KK+s3-EI-1,5D-19x076	4002429	5
88.9	80	3	88.9	80	KK+s3-EI-1,5D-19x089	4002430	5
		3 1/2	101.6		KK+s3-EI-1,5D-19x102	4005827	5
108.0	100		108.0		KK+s3-EI-1,5D-19x108	4002431	5
114.0	100	4	114.3	100	KK+s3-EI-1,5D-19x114	4002432	5
			125.0		KK+s3-EI-1,5D-19x125	4005828	5
133.0	125		133.0		KK+s3-EI-1,5D-19x133	4002433	5
		5	139.7	125	KK+s3-EI-1,5D-19x140	4002434	5
159.0	150		160.0		KK+s3-EI-1,5D-19x160	4002435	5
		6	165.1	150	KK+s3-EI-1,5D-19x165	4007589	5
168.0	150	6	168.3	150	KK+s3-EI-1,5D-19x168	4002436	5
			200.0		KK+s3-EI-1,5D-19x204	4002437	5
		8	219.1	200	KK+s3-EI-1,5D-19x219	4002438	5
		10	273.0	200	KK+s3-EI-1,5D-19x273	4005830	5

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.	Pcs./ carton
76.1	65	2 1/2	76.1	65	KK+s3-EI-1,5D-25x076	4002439	3
88.9	80	3	88.9	80	KK+s3-EI-1,5D-25x089	4002440	3
		3 1/2	101.6		KK+s3-EI-1,5D-25x102	4007590	3
108.0	100		108.0		KK+s3-EI-1,5D-25x108	4002441	3
114.0	100	4	114.3	100	KK+s3-EI-1,5D-25x114	4002442	3
			125.0		KK+s3-EI-1,5D-25x125	4007591	3
133.0	125		133.0		KK+s3-EI-1,5D-25x133	4007592	3
		5	139.7	125	KK+s3-EI-1,5D-25x140	4002443	3
159.0	150		160.0		KK+s3-EI-1,5D-25x160	4002444	3
		6	165.1	150	KK+s3-EI-1,5D-25x165	4007593	3
168.0	150	6	168.3	150	KK+s3-EI-1,5D-25x168	4002445	3
			200.0		KK+s3-EI-1,5D-25x204	4005831	3
		8	219.1	200	KK+s3-EI-1,5D-25x219	4007594	3
		10	273.0	200	KK+s3-EI-1,5D-25x273	4007595	3

Kaiflex KKplus s3

Two-piece elbow · made of 1.5 D sheet material



Colour: Anthracite							
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.	Pcs./ carton
76.1	65	2 1/2	76.1	65	KK+s3-EI-1,5D-32x076	4006715	3
88.9	80	3	88.9	80	KK+s3-EI-1,5D-32x089	4002446	3
		3 1/2	101.6		KK+s3-EI-1,5D-32x102	4007596	3
108.0	100		108.0		KK+s3-EI-1,5D-32x108	4005832	3
114.0	100	4	114.3	100	KK+s3-EI-1,5D-32x114	4006716	3
			125.0		KK+s3-EI-1,5D-32x125	4007597	3
133.0	125		133.0		KK+s3-EI-1,5D-32x133	4007598	3
		5	139.7	125	KK+s3-EI-1,5D-32x140	4002447	3
159.0	150		160.0		KK+s3-EI-1,5D-32x160	4007599	3
		6	165.1	150	KK+s3-EI-1,5D-32x165	4007600	3
168.0	150	6	168.3	150	KK+s3-EI-1,5D-32x168	4002448	3
			200.0		KK+s3-EI-1,5D-32x204	4002449	3
		8	219.1	200	KK+s3-EI-1,5D-32x219	4002450	3
		10	273.0	200	KK+s3-EI-1,5D-32x273	4007601	3

Kaiflex KKplus s3

Strip · self-adhesive



Colour: Anthracite						
Insulation thickness mm	Dimension / Reference	Order No.	Length m	Width mm	Pcs./ carton	
10	KK+s3-STR-10-050-SA	4000307	20	50	10	
10	KK+s3-STR-10-100-SA	4000308	20	100	5	
10	KK+s3-STR-10-125-SA	4000309	20	125	4	
13	KK+s3-STR-13-050-SA	4000311	14	50	10	
13	KK+s3-STR-13-100-SA	4000312	14	100	5	
13	KK+s3-STR-13-125-SA	4007352	14	125	4	
19	KK+s3-STR-19-050-SA	4000315	10	50	10	
19	KK+s3-STR-19-100-SA	4000316	10	100	5	
19	KK+s3-STR-19-125-SA	4000317	10	125	4	

Accessories

Adhesive · Cleaner · Protective Coating

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

Accessories

Glue pump · Knife · Gel ink pen

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

Accessories

Tape

		Details	Dimension / Reference	Order No.	Width mm	Length m	Thickness mm	Pcs./ PU
	Kaiflex KKplus s3 Tape	self-adhesive	Tp-KK+s3-50/15/3-SA	4004659	50	15	3	12

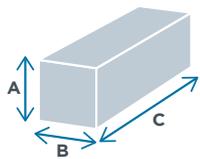
Tolerances, Limits

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

Delivery form	Length	Width	Thickness		Perpendicularity	Inner diameter	
			Stated	Limits		$D_i \leq 100$	$D_i > 100$
Sheet · pre-cut	±1.5 %	±2.0 %	$d_b \leq 6$ $6 < d_b \leq 19$ $d_b > 19$	±1.0 ±1.5 ±2.0	3.0 mm/m (Length/Width) - 3.0 mm (Thickness)	-	-
Sheet · endless	+5.0 % -1.5 %	±2.0 %	$d_b \leq 6$ $6 < d_b \leq 19$ $d_b > 19$	±1.0 ±1.5 ±2.0	3.0 mm/m (Length/Width) - 3.0 mm (Thickness)	-	-
Tape	+5.0 % -1.5 %	±2.0 %	$d_b = 3$	-0.1 +1.5	-	-	-

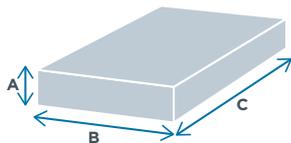
Measurements in mm · D_i = inner diameter · d_b = Nominal thickness of product · D_o = Nominal thickness of a tube

Kaiflex KKplus s3 Packaging types



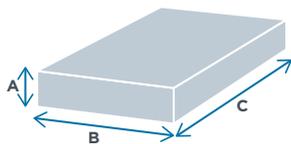
Sheet · endless Width: 1 m OD coil: 40 cm

A: 410 mm
B: 410 mm
C: 1060 mm
Volume: 0.178 m³



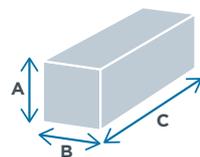
Sheet · pre-cut Length: 2 m Width: 1 m

A: 170 mm
B: 1068 mm
C: 2080 mm
Volume: 0.378 m³



Sheet pre-cut (Connect) Length: 2 m Width: 1 m

A: 170 mm
B: 550/700/900 mm
C: 1060 mm
Volume:
0.216/0.275/0.353 m³



Tape

A: 300 mm
B: 300 mm
C: 620 mm
Volume: 0.056 m³



General information

- Delivery in full packing units only.
- 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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