



kaiflex® *RT-KKplus s1/s2*

Load bearing protection against thermal bridging and corrosion

Kaiflex RT-KKplus s1/s2 insulated load bearing pipe section is vapour sealed and prevents condensation, corrosion and energy loss at critical points.

- In the Kaiflex KKplus s1 system, it complies with the highest European smoke specifications, and with demanding European smoke specifications in the Kaiflex KKplus s2 system.
- Reliably prevents thermal bridging
- Vapour barrier in-built
- Reduces energy losses
- Reliable long term performance
- Easy to apply



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Kaiflex RT-KKplus s1/s2 Technical Data

Materialart		Two PUR/PIR bearing segments, embedded in elastomeric foam based on synthetic rubber.	
Covering		INCERAM-Cladding	
Colour		Black / Anthracite	
Upper temperature limit		+110 °C	
Lower temperature limit		-50 °C	See remark (1)
Thermal conductivity		see Kaiflex KKplus	
Water vapour permeability	Moisture resistance factor μ	see Kaiflex KKplus No separate vapour barrier required	
Euroclass [°]		B _L -s1, d0 (as part of a system incl. Kaiflex KKplus s2 tubes: B _L -s2, d0)	Test acc. to DIN EN 13501-1
Density	Insulation insert	80/120 kg/m ³	
Other certificates/ approvals	Insulation insert Storage temperature Application temperature	CFC-free ≥ +10 °C ≥ +10 °C	
Shelf life		1 year	Store in a dry room at a typical relative humidity (between 50 % and 70 %) and room temperature (between 0 °C and +35 °C)

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

[°] The Euroclass rating applies to metallic or solid mineral substrates.



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All values are based on results obtained under typical conditions of use.

Recipient of these technical specifications are to check with Kaimann in advance if given values are meeting the specifications of intended area of application.

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