Material	Highly flexible, closed-cell insulation, FEF (Flexible Elastomeric Foam)
Description	Highly flexible, closed-cell insulation material defined by extremely high moisture resistance factor and extremely low thermal conductivity.
Application range	Condensation prevention and energy loss limitation where piping (including elbows, valves), ducting, chillers and air conditioning equipment are concerned.
Temperature range Max. medium temperature Min. medium temperature	 + 105 °C – 40 °C (– 200 °C) Please, contact our Technical Services Department for temperatures exceed – 50°C.
Thermal conductivity λ according to DIN EN ISO 8497	

Medium temperature °C	– 30	– 20	0	+ 10	+ 20	+ 40	+ 70
Thermal conductivity W/(m•K)	0,031	0,032	0,034	0,035	0,036	0,038	0,041

Quality assurance in accordance with VDI 2055
Quality assurance institute
FIW MÜNCHEN FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ E.V.

Water vapour permeability according to DIN EN 13469 Diffusion resistance coefficient	**≥ 10.000 µ**
Corrosion prevention	according to DIN 1988 part 7
AGI insulation code figure	36.12.01.06.04
Manufacturing process	without CFC, HFCKW, formaldehyde, cadmium

Quality assurance in accordance with VDI 2055
Quality assurance institute
FIW MÜNCHEN FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ E.V.

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kaiflex® ST

Material	Highly flexible, closed-cell insulation, FEF (Flexible Elastomeric Foam)
Description	Highly flexible, closed-cell insulation material defined by extremely high moisture resistance factor and extremely low thermal conductivity.
Application range	Condensation prevention and energy loss limitation where piping (including elbows, valves), ducting, chillers and air conditioning equipment are concerned.
Temperature range Max. medium temperature Min. medium temperature	 + 85 °C – 40 °C (– 200 °C) Please, contact our Technical Services Department for temperatures exceed – 50°C.

Thermal conductivity λ according to DIN EN 12667

Medium temperature °C	– 30	– 20	0	+ 10	+ 20	+ 40	+ 70
Thermal conductivity W/(m•K)	0,031	0,032	0,034	0,035	0,036	0,038	0,041

Quality assurance in accordance with VDI 2055
Quality assurance institute
FIW MÜNCHEN FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ E.V.

Water vapour permeability according to DIN EN 12086 Diffusion resistance coefficient	**≥ 10.000 µ**

Quality assurance in accordance with VDI 2055
Quality assurance institute
FIW MÜNCHEN FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ E.V.

Corrosion prevention	according to DIN 1988 part 7
AGI insulation code figure	36.01.01.02.04
Manufacturing process	without CFC, HFCKW, formaldehyde, cadmium

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