



The undersigned, representing the following manufacturer:

L'Isolante K-Flex
Via Leonardo da Vinci 36
20877 Roncello (MB)
ITALY

Manufacturing Plant 1: L'Isolante K-Flex srl, Via Leonardo da Vinci 36, 20877 Roncello (MB), ITALY

herewith declare that the product families **K-Flex ST**, **K-Flex ST Plus**, **K-Flex EC**, are in conformity with the provisions of the following EC Directives when installed in accordance with the installation instructions contained in the product documentation:

89/106/EEC Construction Products Directive

and that the standards referenced below have been applied:

EN 14304:2009, "Thermal insulation products for building equipment and industrial installations – Factory made flexible elastomeric foam (FEF) products – Specification"

Provisions to which the product conforms:

Performances described in Annex ZA of standard 14304:2009 with Annex B and C of EN 13172:2008 and Section 5 of EN ISO 13787:2003

Requirement/Characteristic	Standard	Certification
Reaction to Fire	EN13501-1 EN13823 EN ISO 11925-2	CPD2.002.0-1/2012
Thermal Conductivity	EN 12667 EN ISO 8497 EN ISO 13787	CPD2.002.0-1/2012
Water Vapour Diffusion Resistance	EN ISO 12086 EN 13469	CPD2.002.0-1/2012
Maximum Service Temperature	EN 14706 EN 14707	CPD2.002.0-1/2012
Short Term Water Absorption	EN 13472	CPD2.002.0-1/2012
Rate of Release of Corrosive Substances	EN 13468	CPD2.002.0-1/2012

Name and Address of Notified Certification Body: Forschungsinstitut für Wärmeschutz e.V. München, Lochhamer Schlag 4, 82166 Gräfelfing, Germany; Notified body n° 0751

Certificate Number: 0751-CPD.2-002.0-01-01/12

Name and Address of Notified Laboratories:

- Forschungsinstitut für Wärmeschutz e.V. München, Lochhamer Schlag 4, 82166 Gräfelfing (D); NB n° 0751
- Staatliche materialprüfungsanstalt Darmstadt, Grafenstraße 2, 64283 Darmstadt (D); NB n° 1343
- CSI SPA, Via Lombardia 20, 20021 Bollate, Milano (I); NB n° 0497

Product properties table extract from Certificate of Conformity:

Product	Form	Thickness Range	Thermal Conductivity λ_D at 0°C W/(m K) EN13787	Max Service Temperature	Water Vapour Diffusion Resistance	Fire Classification	Label Mark
K-Flex EC	Tube	6 mm to 25 mm	0.033	110 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - MU 7000- WS01 - CL500 - pH7
K-Flex EC	Tube	> 25 mm to 75 mm	0.036	110 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - MU 7000- WS01 - CL500 - pH7
K-Flex EC-AD	Tube	6 mm to 25 mm	0.033	85 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)85 - MU 7000- WS01 - CL500 - pH7
K-Flex EC-H	Tube	6 mm to 25 mm	0.033	110 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - MU 7000- WS01 - CL500 - pH7
K-Flex H Duct	Sheet	3 mm to 25 mm	0.033	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - MU 7000- WS01 - CL500 - pH7
K-Flex H Duct	Sheet	> 25 mm to 50 mm	0.036	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - MU 7000- WS01 - CL500 - pH7
K-Flex H	Tube	6 mm to 25 mm	0.033	110 °C	10 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - WS01 - CL500 - pH7
K-Flex H	Tube	> 25 mm to 75 mm	0.036	110 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - WS01 - CL500 - pH7
K-Flex ST	Tube	6 mm to 25 mm	0.033	110 °C	10 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST	Tube	> 25 mm to 75 mm	0.036	110 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST	Sheet	3 mm to 25 mm	0.033	85°C	10 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST	Sheet	> 25 mm to 50 mm	0.036	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST Duct	Sheet	3 mm to 25 mm	0.033	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST Duct	Sheet	> 25 mm to 50 mm	0.036	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST FRIGO	Tube	6 mm to 25 mm	0.033	110 °C	10 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST plus	Tube	6 mm to 25 mm	0.033	110 °C	10 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST plus	Tube	> 25 mm to 75 mm	0.036	110 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)110 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST plus	Sheet	3 mm to 25 mm	0.033	85°C	10 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST plus	Sheet	> 25 mm to 50 mm	0.036	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST Plus tape	Tape	3 mm	0.033	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST plus/SK	Tube	6 mm to 25 mm	0.033	85 °C	10 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST plus/SK	Tube	> 25 mm to 50 mm	0.036	85 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST tape	Tape	3 mm	0.033	85°C	7 000	B _S S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7
K-Flex ST/SK	Tube	6 mm to 25 mm	0.033	85 °C	10 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 10000- WS01 - CL500 - pH7
K-Flex ST/SK	Tube	> 25 mm to 50 mm	0.036	85 °C	7 000	B _L S ₃ d ₀	FEF - EN14304 ST(+)85 - ST(-)40 - MU 7000- WS01 - CL500 - pH7

Roncello, February 1st 2013

Amedeo Spinelli

L'Isolante K-Flex s.r.l.


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