



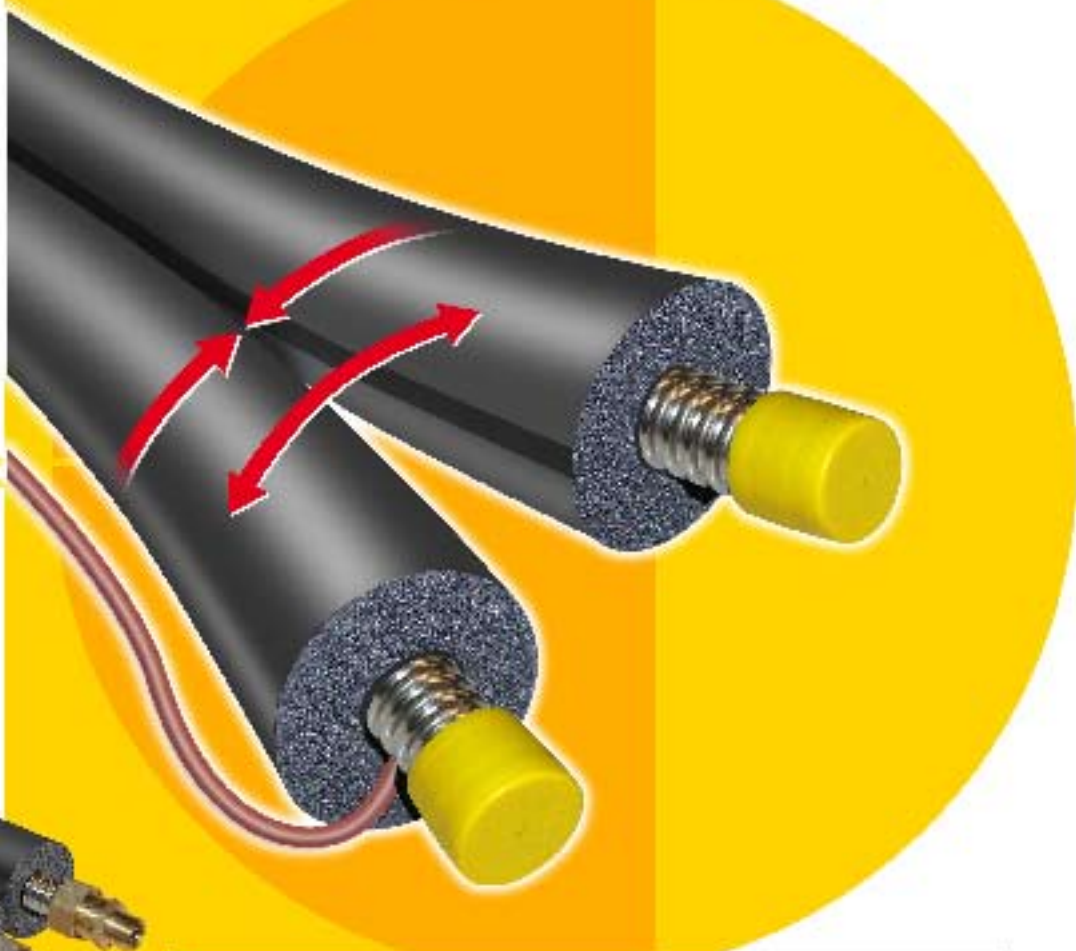
K-FLEX TWIN SOLAR SYSTEM



A COMPLETE RANGE OF INSULATION PRODUCTS SPECIFICALLY DESIGNED FOR HEATING SYSTEMS AND SOLAR PANELS.

QUICK AND EASY TO INSTALL. UV RESISTANT.

SPECIFICALLY INDICATED FOR SOLAR THERMAL



**WITH FLEXIBLE
STEEL TUBES**



L'ISOLANTE K-FLEX

www.kflex.com



K-FLEX TWIN SOLAR SYSTEM



K-FLEX **TWIN SOLAR SYSTEM**, the ideal solution for solar heating systems complete with thermal insulation, resistant to high temperatures

K-FLEX **TWIN SOLAR SYSTEM** allows for a fast and easy connection of the hot water accumulation tank to the solar panel.

K-FLEX **TWIN SOLAR SYSTEM** has been specifically studied to keep thermal leakage to a minimum and to ensure resistance to chemical and atmospheric agents.



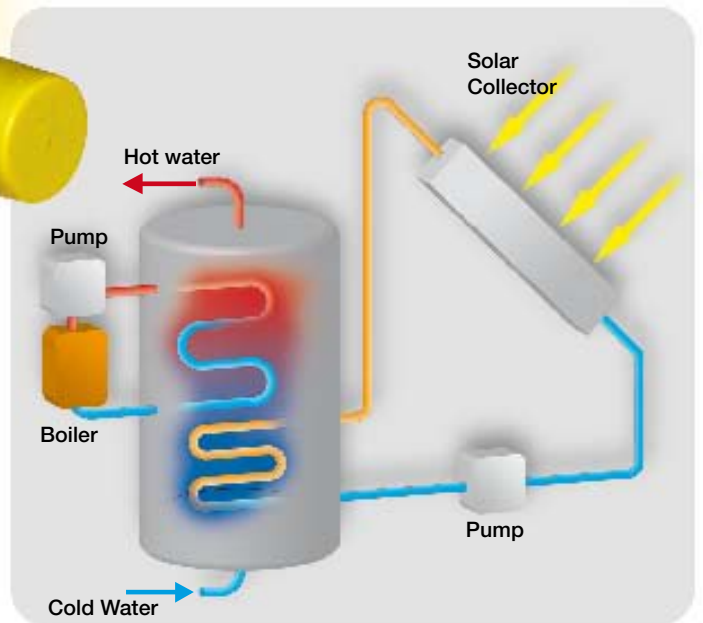
Tubes with "Hot Melt" adhesive, allowing them to be easily separated.

UV resistant covering offering high mechanical resistance.

Flexible steel tubes

K-FLEX **SOLAR** elastomeric insulation.

Long lasting temperature sensor cable.



MAIN FEATURES

Specifically studied for solar thermal systems.

UV resistant.

Saving on installation time.

Meets all safety requirements.

K-FLEX TWIN SOLAR SYSTEM.
THE COMPLETE SYSTEM WITH:

- Steel AISI 316L tubes.
- K-FLEX Solar insulation.
- High mechanical resistant protective film.
- Complete range of fittings.
- Mounting accessories.

K-FLEX TWIN SOLAR SYSTEM



K-FLEX TWIN SOLAR SYSTEM

TECHNICAL DATA

> K-FLEX TWIN SOLAR SYSTEM - TECHNICAL DATA <

The system:

Flexible steel tubes insulated with K-FLEX SOLAR, elastomeric foam with excellent resistance to high temperatures. Special protective, UV resistant film.

Application:

Solar thermal systems.

Product range:

Tubes in rolls.
Range: 10, 15, 20 and 25 m,
thicknesses: 14 and 20 mm

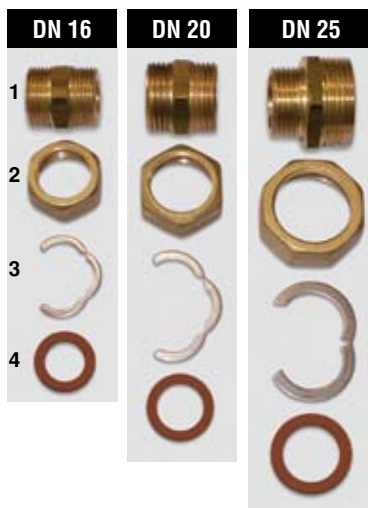
Working temperatures	from -50° C to +150° C
Thermal conductivity λ EN ISO 8497	
at 20° C	0,040 W/(m·K)
at 40° C	0,042 W/(m·K)
at 60° C	0,045 W/(m·K)
Reaction to fire DIN 4102	B2- DIN 4102; CL1 BS 476 PT 7
Corrugated steel tubes	Alloy steel AISI 316 L



Range	Tubes		Insulation	Tube length in mm
	External diameter of tube in mm	Thickness of tube wall in mm	Thickness of insulation wall in mm	
K-FLEX TWIN SOLAR SYSTEM DN 16	21,4	0,18	14	10/15/20/25
K-FLEX TWIN SOLAR SYSTEM DN 16	21,4	0,18	20	10/15/20/25
K-FLEX TWIN SOLAR SYSTEM DN 20	26,7	0,20	14	10/15/20/25
K-FLEX TWIN SOLAR SYSTEM DN 20	26,7	0,20	20	10/15/20/25
K-FLEX TWIN SOLAR SYSTEM DN 25	31,7	0,20	14	15/20/25
K-FLEX TWIN SOLAR SYSTEM DN 25	31,7	0,20	20	15/20/25

> K-FLEX TWIN SOLAR SYSTEM - ACCESSORIES <

ACCESSORIES



Mounting tools

- 1- couplings
- 2- nuts
- 3- split rings
- 4- O-rings (washers)
- 5- tube cutter
- 6- flange tool
- 7- tube clamp
- 8- K-FLEX K 425 glue



K-FLEX TWIN SOLAR SYSTEM INSTALLATION PROCEDURE





K-FLEX TWIN SOLAR SYSTEM

PRICE LIST

2007



> K-FLEX TWIN SOLAR SYSTEM - PRICE LIST <

thickness 14 mm	Steel tube			Insulation wall thickness: 14 mm			
	ext. diam. in mm	diam. int DN	Insulation wall thickness in mm	Product code	Roll length	Box content	€/m
	21,4	16	0,18	86TW0S1402201	10 m	10 m	48,52
	21,4	16	0,18	86TW0S1402202	15 m	15 m	46,54
	21,4	16	0,18	86TW0S1402203	20 m	20 m	45,59
	21,4	16	0,18	86TW0S1402204	25 m	25 m	45,03
	26,7	20	0,20	86TW0S1402801	10 m	10 m	57,49
	26,7	20	0,20	86TW0S1402802	15 m	15 m	54,86
	26,7	20	0,20	86TW0S1402803	20 m	20 m	53,57
	26,7	20	0,20	86TW0S1402804	25 m	25 m	52,81
31,7	25	0,20	86TW0S1403501	15 m	15 m	68,26	
31,7	25	0,20	86TW0S1403503	25 m	25 m	66,05	

thickness 20 mm	Steel tube			Insulation wall thickness: 20 mm			
	ext. diam. in mm	diam. int DN	Insulation wall thickness in mm	Product code	Roll length	Box content	€/m
	21,4	16	0,18	86TW0S2002201	10 m	10 m	54,97
	21,4	16	0,18	86TW0S2002202	15 m	15 m	52,97
	21,4	16	0,18	86TW0S2002203	20 m	20 m	52,20
	21,4	16	0,18	86TW0S2002204	25 m	25 m	51,33
	26,7	20	0,20	86TW0S2002801	10 m	10 m	63,10
	26,7	20	0,20	86TW0S2002802	15 m	15 m	62,24
	26,7	20	0,20	86TW0S2002803	20 m	20 m	61,20
	26,7	20	0,20	86TW0S2002804	25 m	25 m	60,08
31,7	25	0,20	86TW0S2003501	15 m	15 m	77,50	
31,7	25	0,20	86TW0S2003503	25 m	25 m	75,50	

Each box contains: 1 roll of K-FLEX TWIN SOLAR complete with installation guide and 1 accessory kit:
The accessory kit includes: 4 washers, 4 nuts, 4 split rings and 2 couplings.

ACCESSORIES

> K-FLEX TWIN SOLAR SYSTEM - PRICE LIST <

Product code	Installation kit	€
850VR020316	TWIN SOLAR SYSTEM kit - DN16 with 4 O-rings, 4 nuts and 4 split rings.	19,22
850VR020317	TWIN SOLAR SYSTEM kit - DN20 with 4 O-rings, 4 nuts and 4 split rings.	26,69
850VR020318	TWIN SOLAR SYSTEM kit - DN25 with 4 O-rings, 4 nuts and 4 split rings.	49,11
850VR020304	3/4" coupling for TWIN SOLAR SYSTEM (tubes Ø ext.DN16)	14,15
850VR020305	1" coupling for TWIN SOLAR SYSTEM (tubes Ø ext.DN20)	23,21
850VR020306	1-1/4" coupling for TWIN SOLAR SYSTEM (tubes Ø ext.DN25)	33,62
850VR020302	Flange tool	340,11
850VR020303	Clamp for DN16 tubes	112,50
850VR020323	Clamp for DN20 tubes	112,50



TUBES

ACCESSORIES

IK K-FLEX **TWIN SOLAR SYSTEM**
BOX DIMENSIONS and

LOGISTICS
INFORMATION

K-FLEX TWIN SOLAR SYSTEM BOXES

Product code	Dimensions	Weight in Kg	Volume in m ³	Boxes per pallet
86TWS1402201	800 x 800 x 290	9,46	0,15	14
86TWS1402202	800 x 800 x 390	13,42	0,21	10
86TWS1402203	800 x 800 x 550	17,66	0,29	8
86TWS1402204	800 x 800 x 550	21,25	0,29	8
86TWS1402801	800 x 800 x 290	10,72	0,15	14
86TWS1402802	800 x 800 x 390	15,31	0,21	10
86TWS1402803	800 x 800 x 550	20,18	0,29	8
86TWS1402804	800 x 800 x 550	24,40	0,29	6
86TWS1403501	800 x 800 x 390	17,71	0,21	10
86TWS1403503	800 x 800 x 650	28,81	0,35	6
86TWS2002201	800 x 800 x 290	10,36	0,15	14
86TWS2002202	800 x 800 x 390	14,77	0,21	10
86TWS2002203	800 x 800 x 550	19,46	0,29	8
86TWS2002204	800 x 800 x 550	23,50	0,29	8
86TWS2002801	800 x 800 x 290	11,94	0,15	14
86TWS2002802	800 x 800 x 390	17,14	0,21	10
86TWS2002803	800 x 800 x 550	22,62	0,29	8
86TWS2002804	800 x 800 x 650	27,86	0,35	6
86TWS2003501	800 x 800 x 390	20,80	0,21	10
86TWS2003503	800 x 800 x 650	33,96	0,35	6

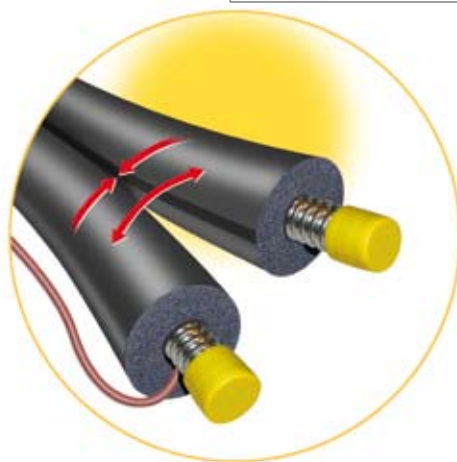
BOXES



K-FLEX
TWIN SOLAR SYSTEM
PALLET



K-FLEX **TWIN** **SOLAR** SYSTEM



L'ISOLANTE K-FLEX

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