

K-FLEX SOLAR™

Specially designed for solar thermal panels to minimize heat loss



UL 94
(Recognition No. E300774)
UV resistant Refer to K-Flex USA L.L.C. Technical Bulletin (Outdoor Applications) for More Information



Contains a Protective Antimicrobial Agent

FEATURES AND BENEFITS

- Ideal solution for insulating the supply and return lines of both residential and commercial solar hot water systems.
- The core of the product line is a flexible, high-temperature rated (300°F / 150°C) insulation with a factory applied UV resistant jacket specifically designed for the solar market.
- The flexible stainless steel tubing eliminates the issues associated with bending or soldering copper lines on a roof or in confined spaces.
- Minimizes heat loss and simplify installation of the fluid recirculation lines connecting the solar panels and the storage tank.
- Offers a complete insulation package with the advantage of easier handling and installation.

- Flexible, easy to cut and can be field fabricated with no special tools to accommodate various situations.
- The closed-cell structure and unique formulation of K-Flex ECO™ high temperature (300°F) insulation effectively retards heat loss and resists moisture absorption. The UV resistant jacket on all K-Flex Solar™ products adds a second level of protection against moisture.

SPECIFICATION COMPLIANCE

- Flexible Stainless Steel Tubing (AISI 316L)
- Temperature Sensor Wire (Rated voltage 300-500 V)
- Complete range of fittings
- Mounting Accessories

Flexible Stainless Steel Pipe Properties

ID (in)	ID (mm)	A (mm)	B (mm)	C (mm)	d (mm)	D (mm)	WEIGHT APPROX (kg/m)	MAX SERVICE PRESSURE AT 20°C Bars	PITCH QUANTITY IN 100 mm	WALL THICKNESS (mm) / (in)	STATIC BENDING min radius (mm)
1/2"	16	2.81	1.81	4.62	16.5	21.4	0.141	11	22	0.18 / .007	25
3/4"	20	2.51	2.31	4.82	20.5	26.7	0.193	14	21	0.18 / .007	30
1"	25	3.11	2.21	5.3	25.6	31.7	0.261	10	19	0.2 / .008	35

Material: AISI 316L

