

**QUALITY INSULATION FOR REFRIGERATION,
AIR CONDITIONING, HEATING AND PLUMBING
APPLICATIONS.**

μ 7000

CFC free

HCFC free

**Ozone depletion
potential of zero**

**K-FLEX
ST
cl. 0**



L'ISOLANTE K-FLEX

SISTEMA DI GESTIONE
QUALITÀ
UNI EN ISO 9001:2000
CERTIFICATO DA CERTIQUALITY

K-FLEX ST

K-FLEX ST offers all the technical characteristics required to insulate chilled water and refrigerated pipework, hot and cold water services, heating systems and air ducts in commercial, industrial and public buildings where cost/quality are of paramount importance.

Tube size range: length 2 metres

thickness

- 6 • 1/4"**
- 9 • 3/8"**
- 13 • 1/2"**
- 19 • 3/4"**
- 25 • 1"**
- 32 • 1 1/4"**

Diameters from
6 to 160 mm



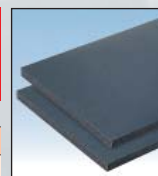
Sheet rolls

Thickness mm	1 metre wide	1,5 metre wide	Self adhesive sheets
6	30 x 1	30 x 1,5	6
10	20 x 1	20 x 1,5	10
13	14 x 1	14 x 1,5	13
16	12 x 1	12 x 1,5	16
19	10 x 1	10 x 1,5	19
25	8 x 1	8 x 1,5	25
32	6 x 1	6 x 1,5	32
40	4 x 1	4 x 1,5	
50	4 x 1	4 x 1,5	



Sheet flat

Thickness mm	2m x 1m m ² /box	2m x 0,5m m ² /box
6	48	24
10	32	16
13	24	12
16	20	10
19	16	8
25	12	6
32	10	5
40	8	4
50	6	3



Data sheet

Temperature range	-200 °C max +116 °C**	Corrosion risk	DIN 1988/7*; pH neutral
Thermal conductivity λ W/(m·k) EN 12667 (DIN 52612) EN ISO 8497 (DIN 52613)	- 20 °C = 0,034 0 °C = 0,036* +20 °C = 0,038	Data ecological	No Diphenyloxyde HFCKW - FCKW free No Formaldehyde - Cd
Water vapour diffusion resistance factor (μ) EN 12086 (DIN 52615)	> 7000	Closed cell	>95%
Water vapour permeability (23 °C) EN 12086 (DIN 52615, BS 4370) EN ISO 12572	δ 1·10 ⁻¹⁰ $\frac{\text{Kg}}{\text{m} \cdot \text{h} \cdot \text{Pa}}$; 0,09 $\frac{\mu\text{g} \cdot \text{m}}{\text{N} \cdot \text{h}}$	Ozone resistancy	Good
Fire	CL.1 (I)* Brandkennziffer 5-2 (CH) B1 DIN 4102 (D)* (ABP-P3346-1021-MPA BS) DIN 4102 Teil 11 (Wand- und Dechendurchführung) MI-NF (F)* PII NIT 036 (SK)* B1 ÖNORM B38000 (A) BS 476 Part 6 1989 CL.0 (UK)	Resistancy to oil and greases	Good
		Resistancy to fungus and parasite	Good
		Resistancy. to agent atmospheric	Good
		Noise reduction	Max 35 dB (A)
		Odor	Negligible
		Schallabsorption nach EN ISO 11654	Absorberklasse D

* Supervised

** In case of product application under -150 °C please contact our Tech. Dep.



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L'ISOLANTE K-FLEX reserves the possibility to vary data and technical requirements without notice.