

K-FLEX ECO

λ at 40 °C = 0,042 W/(m·K)

DIN 1988/7 Certified

*Halogen
free*

**A product that demonstrates
by its colour that ecology
and the environment is
the primary target of its
revolutionary development.**



L'ISOLANTE K-FLEX

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

One more answer to the problems of environmental protection and ecology from L'ISOLANTE K-FLEX.

K-FLEX ECO is designed to be used for refrigeration, air conditioning and heating and plumbing applications. With its unique characteristics, this product is not only suitable to be applied by the Ship Building Industry or within airports, computer areas, underground stations but also Industry Petrochemical (on/offshore) lends itself to be ideal for public buildings, hospitals, community centres, exhibition halls.



K-FLEX ECO

Tubes: 2 m

Thickness

9-13-19-25-32 mm

Diameters from

6 to 114 mm

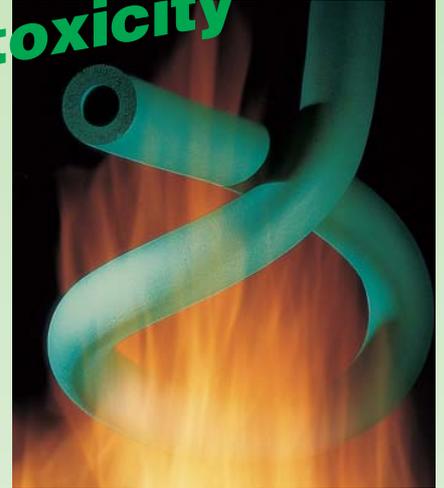


Sheet rolls:

1 m wide

| Thickness/mm | Format/m |
|--------------|----------|
| 10 | 20 x 1 |
| 13 | 14 x 1 |
| 19 | 10 x 1 |
| 25 | 8 x 1 |
| 32 | 6 x 1 |

Low smoke density and toxicity



The total absence of PVC, chlorine, bromine and asbestos makes the fumes of K-FLEX ECO transparent and nontoxic therefore the development of Dioxins during a fire are prevented.

DATA SHEET

| | | |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------|
| Temperature range | -70 °C to +150 °C | |
| Thermal conductivity λ W/(m·K) | -20 °C = 0,036 | +20 °C = 0,040 |
| EN 12667 (DIN 52612) | -10 °C = 0,037 | +40 °C = 0,042 |
| aEN ISO 8497 (DIN 52613) | 0 °C = 0,038 | +60 °C = 0,045 |
| Water vapour diffusion resistance factor μ EN 12086 (DIN 52615) | > 4000 | |
| Corrosion risk | DIN 1988/7 *, pH neutral | |
| Data ecological | Halogen free (25 ppm AGI Q 135) No PVC - No CFC, HCFC - Asbestos free | |
| Fire | CL.1 (I) Brandkennziffer 5-3 (CH) BS 476 Part 7 1987 CL.1 (UK) B2 DIN 4102 (D) | |
| Ratification ship | R.I.N.A. - LR - DNV - M.M. Italiana CE-Marine (Bureau Veritas) US NAVY | |
| Classification smoke | IMO RES 61 (67) | |
| Density smoke (room NBS) | ≤ DM 200 | |
| Ozone resistancy | Good | |
| Resistancy to fungus and parassite | Good | |
| Resistancy to agent atmospheric | Good | |
| Resistancy to agent Chemical | Good | |
| Odor | Negligible | |
| Colour | Green | |

* Supervised

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



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