

K-FLEX® ECO



K-FLEX® ECO

- ▶ Elastomeric insulation formulated and manufactured without the use of halogens
- ▶ Designed for areas with special safety requirements
- ▶ Approved for use in rail and marine industries

New!

- ▶ The proven **K-FLEX® ECO** will also be available in black color



TECHNICAL DATA



| K-FLEX® ECO TUBES ▶ TECHNICAL DATA | | |
|--|--|-------------------------------------|
| Property | Value | Test method |
| Temperature range | From -165 °C* to +120 °C | EN 14706 EN 14707 |
| Thermal conductivity λ , W/(m•K) | -20 °C = 0,036 0 °C = 0,038 +20 °C = 0,040 +40 °C = 0,042 | EN 13787 EN 12667 EN ISO 8497 |
| Corrosion prevention | pH neutral (7±0,5) | EN 13468 |
| Permeability μ | ≥ 3000 | EN 12086 |
| Fire rating | K-FLEX® ECO Tubes: Euroclass DL-s2, d0 Class 1 | EN 13501-1 BS 476 Part 6/7 |
| Ecological data | Halogen free - PVC - CFC - HCFC Free | |
| Marine approvals | LR - DNV - M.M. ITALIANA CE-MARINE (Bureau Veritas) - US NAVY | |
| Fume classification (toxicity) | IMO RES 61(67) | |
| Fume density (NBS room) | ≤ Dm 200 | |
| Color | Green, Black | |

* For temperatures of less than -50 °C, please consult our technical office.

K-FLEX® reserves the right to change data and technical requirements without notice.



| K-FLEX® ECO SHEETS ▶ TECHNICAL DATA | | |
|--|--|-------------------------------------|
| Property | Value | Test method |
| Temperature range | From -165 °C* to +120 °C | EN 14706 EN 14707 |
| Thermal conductivity λ , W/(m•K) | -20 °C = 0,036 0 °C = 0,038 +20 °C = 0,040 +40 °C = 0,042 | EN 13787 EN 12667 EN ISO 8497 |
| Corrosion prevention | pH neutral (7±0,5) | EN 13468 |
| Permeability μ | ≥ 3000 | EN 12086 |
| Fire rating | K-FLEX® ECO Sheets: Euroclass E Class 1 | EN 13501-1 BS 476 Part 6/7 |
| Ecological data | Halogen free - PVC - CFC - HCFC Free | |
| Marine approvals | LR - DNV - M.M. ITALIANA CE-MARINE (Bureau Veritas) - US NAVY | |
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GENERAL INFORMATION

Manufacturing without thought for the resultant environmental impact is no longer acceptable. This attitude of awareness, now largely rooted in all areas of modern society, has triggered a significant innovation in models of development and consumerism.

K-FLEX® ECO, formulated and manufactured without halogens is a real solution to the reduction of energy consumption with respect to the environment. The composition of **K-FLEX® ECO** renders any fumes released during a fire, transparent and nontoxic.

| K-FLEX® ECO ▶ RANGE | | | |
|-------------------------------|---------------------------|------------------|-------------------|
| | Length | Thicknesses | Diameters |
| K-FLEX® ECO - Tubes | 2 m | 9-13-19-25-32 mm | from 10 to 114 mm |
| | | Thicknesses | Height |
| K-FLEX® ECO - Sheets | 6-10-13-19-25-32-40-50 mm | | 1000 mm |
| K-FLEX® ECO - Adhesive sheets | 6-10-13-19-25-32-40-50 mm | | 1000 mm |

New!
Now also available in black



PROJECTS

Italy

