

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

