

K-FLEX® ECO



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- ▶ 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
- ▶ Also available in green color.
Request to our sales office the specific price list for the green version

Site



TECHNICAL DATA



K-FLEX® ECO ► TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Temperature range	from -165 °C* to +150 °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 12667 EN ISO 8497
Corrosion prevention	pH neutral (7)	EN 13468
Permeability μ	≥ 3000	EN 12086
Fire rating	K-FLEX® ECO Tubes: Euroclass D ₁ -s2, d0 K-FLEX® ECO Sheets: Euroclass E Class 1	EN 13501-1 EN 13501-1 BS 476 Part 6/7
Ecological data	Halogen free - PVC - CFC - HCFC Free	
Fume classification (toxicity)	IMO Resolution MSC 307 (88)	
Fume density (NBS room)	≤ Dm 200	
Color	Black	
Approvals	Environmental Product Declarations EPD R1-HL2 ECO-BAU and MINERGIE-ECO CE-MARINE (Bureau Veritas) ABS (American Bureau of Shipping) DNV Lloyd's Register UL94	UNI ISO 14025 & EN 15804:2012+A2:2019 EN 45545-2: 2013

* 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.

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