

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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