

Siderise K-FLEX® Pipe lagging ST + ST/SK Range

Specification

This innovative technology includes adhesive tapes which are quick and easy to use for the installer. This new system has been developed to save on installation time and reduce the use of other adhesives to improve working conditions at the construction site. Also available as version with overlap - Siderise K-FLEX® ST/SK.



Details:

- Siderise K-FLEX® ST + ST/SK Elastomeric insulation for all civil and industrial applications.
- Prevents the risk of condensation and improves energy saving.
- Class of reaction to fire euroclass BL -s2, d0.
- Very fine closed cellular structure and high technical performance.
- Resistant to mould, fungi and bacteria.
- Light and flexible.

Siderise K-FLEX® ST - Technical data

Property	Value		Test method
Temperature range	Siderise K-FLEX® ST Tubes: from -165 °C* to +110 °C Siderise K-FLEX® ST/SK: from -40 °C to +85 °C		EN 14706 EN 14707
Thermal conductivity λ W/(m·K)	Thicknesses \leq 25mm -20 °C = 0,031 0 °C = 0,033 +20 °C = 0,035 +40 °C = 0,037	Thicknesses $>$ 25mm -20 °C = 0,034 0 °C = 0,036 +20 °C = 0,038 +40 °C = 0,040	EN 12667 EN ISO 8497
Corrosion prevention	pH neutral (7)		EN 13468
Permeability μ	\geq 10000	\geq 7000	EN 12086
Fire rating	Siderise K-FLEX® ST Tubes: Euroclass BL-s2, d0 Siderise K-FLEX® ST/SK: Euroclass BL-s2, d0 Class 0		EN 13501-1 EN 13501-1 BS 476 Part 6/7
Ecological data	Without CFCs and HCFCs		
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 FM Approval		UNI ISO 14025 & EN 15804:2012+A2:2019 EN 45545-2: 2013

* For industrial applications, product can be applied down to -198°C; for applications below -40°C please contact our technical department.
K-FLEX® reserves the right to change data and technical requirements without notice.

Siderise K-FLEX® ST - Range

Product	Length (m)	Thickness (mm)	Diameters (mm)
K-FLEX® ST - Tubes	2m	6-9-13-19-25-32-40-50-60 mm	from 6 to 210 mm
Siderise K-FLEX® ST/SK - Adhesive tubes	2m	9-13-19-25-32 mm	from 12 to 114 mm

Please note:

The information in this specification document is believed to be accurate at the date of publication. Siderise has a policy of continuous product improvement and reserves the right to alter or amend the specifications of products without prior notice. Siderise does not accept responsibility for the consequences of using the products described outside of the recommendations within this specification. Expert advice should be sought where there is any doubt about the correct specification or installation of Siderise products. This information does not release the user from carrying out independent tests and trials due to the various influences when processing and applying our product.

It is not possible to derive a guarantee of certain properties or suitability of the product in a concrete application case based on our information. All the descriptions, drawings, photographs, data, conditions, weights etc. included may change without previous announcement; they do not constitute the contractually agreed property of the product. The recipient of our product is responsible to observe any trademark rights and existing laws and regulation.