

## K-FLEX ST



### K-FLEX ▶ ST

Closed Cell Flexible Elastomeric Foam for thermal insulation applications. Very fine cellular structure and high technical performance, it prevents the risk of condensation and improves energy saving.

### APPLICATIONS ▶

Insulation, protection and condensation prevention of pipes and ducts for conditioning.

### COLOR ▶

Black

### REACTION TO FIRE ▶

HL1, R1 EN 45545

### TECHNICAL DATA ▶ K-FLEX ST

Property	Value	Test method										
Temperature range	K-FLEX ST TUBE: From -165 °C* to +110 °C K-FLEX ST SHEET: From -165 °C* to +85 °C	EN 14706 EN 14707										
Thermal conductivity $\lambda$ W/(m·K)	<table border="1"> <thead> <tr> <th>Thicknesses <math>\leq</math> 25mm</th> <th>Thicknesses <math>&gt;</math> 25mm</th> </tr> </thead> <tbody> <tr> <td>-20 °C = 0,031</td> <td>-20 °C = 0,034</td> </tr> <tr> <td>0 °C = 0,033</td> <td>0 °C = 0,036</td> </tr> <tr> <td>+20 °C = 0,035</td> <td>+20 °C = 0,038</td> </tr> <tr> <td>+40 °C = 0,037</td> <td>+40 °C = 0,040</td> </tr> </tbody> </table>	Thicknesses $\leq$ 25mm	Thicknesses $>$ 25mm	-20 °C = 0,031	-20 °C = 0,034	0 °C = 0,033	0 °C = 0,036	+20 °C = 0,035	+20 °C = 0,038	+40 °C = 0,037	+40 °C = 0,040	EN 13787 EN 12667 EN ISO 8497
Thicknesses $\leq$ 25mm	Thicknesses $>$ 25mm											
-20 °C = 0,031	-20 °C = 0,034											
0 °C = 0,033	0 °C = 0,036											
+20 °C = 0,035	+20 °C = 0,038											
+40 °C = 0,037	+40 °C = 0,040											
Corrosion prevention	pH neutral (7 $\pm$ 0,5), recommendable for corrosion prevention (CUI)	EN 13468										
Permeability $\mu$	$\geq$ 10000	$\geq$ 7000 EN 12086										
Fire Rating	HL1, R1	EN 45545										

\* For industrial applications, product can be applied down to -198°C; for applications below -40°C please contact our technical department.

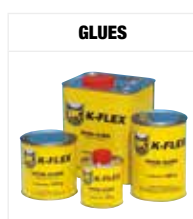
**K-FLEX** reserves the right to change data and technical requirements without notice.

### PRODUCT RANGE ▶ K-FLEX ST

	LENGTH	THICKNESSES	DIAMETERS
K-FLEX ST - Tubes	2 m	6-9-13-19-25-32-40-50 mm	from 6 to 210 mm

	THICKNESSES	HEIGHT
K-FLEX ST - Sheets	6-10-13-16-19-25-32-40-50 mm	1000/1500 mm

### ACCESSORIES ▶ K-FLEX ST



> Classification Report <

