

# K-FLEX® EC



## K-FLEX® EC

- ▶ Ideal for heating and plumbing systems
- ▶ Flexible and easy to work with

Site



App. Manual





## TECHNICAL DATA



K-FLEX® EC TUBES TECHNICAL DATA												
Property	Value	Test method										
Temperature range	K-FLEX® EC: from -40 to +110 °C K-FLEX® EC AD: from -40 to +85 °C	EN 14706 EN 14707										
Thermal conductivity $\lambda$ W/(m•K)	<table border="1"> <tr> <th>Thicknesses <math>\leq</math> 25mm</th> <th>Thicknesses <math>&gt;</math> 25mm</th> </tr> <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> </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 ISO 8497
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+40 °C = 0,037	+40 °C = 0,040											
Corrosion prevention	pH neutral (7 $\pm$ 0,5)	EN 13468										
Permeability $\mu$	$\geq$ 7000	EN 12086										
Fire rating	Euroclass B <sub>1</sub> -s3, d0 Class 1	EN 13501-1 BS 476 Part 6/7										
Ecological data	Without CFCs and HCFCs											

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

## GENERAL INFORMATION



### K-FLEX® EC TUBES

K-FLEX® EC offers all the requirements to meet the demands of civil and industrial installations that require the use of insulation material.

### K-FLEX® EC AD TUBES

#### K-FLEX® EC AD TUBES with overlap

K-FLEX® EC ad is manufactured with a factory-applied specially formulated bonding adhesive. The revolutionary technology is pre-slit with convenient built-in tabs applied on both sides, making the pipe insulation convenient and quick to install.

K-FLEX® EC ad has high performance characteristics thanks to the new self-adhesive system which significantly reduces the use of contact adhesives, thus allowing for improved working conditions and compliance with safety requirements. Also available as version with overlap - K-FLEX® EC ad with overlap.

### K-FLEX® EC/H ROLLS

#### Ease of use

An aperture in the box lid allows easy removal of the insulation whilst keeping the remaining product in place.

#### Precision cutting

The ruler printed on the edge of the box facilitates accurate measurement and precise cutting of the insulation required for the job. No more waste product; less use of glue and tape.

Better protection for the insulation in the work place No more wasted material caused by breakage or damage during transport.

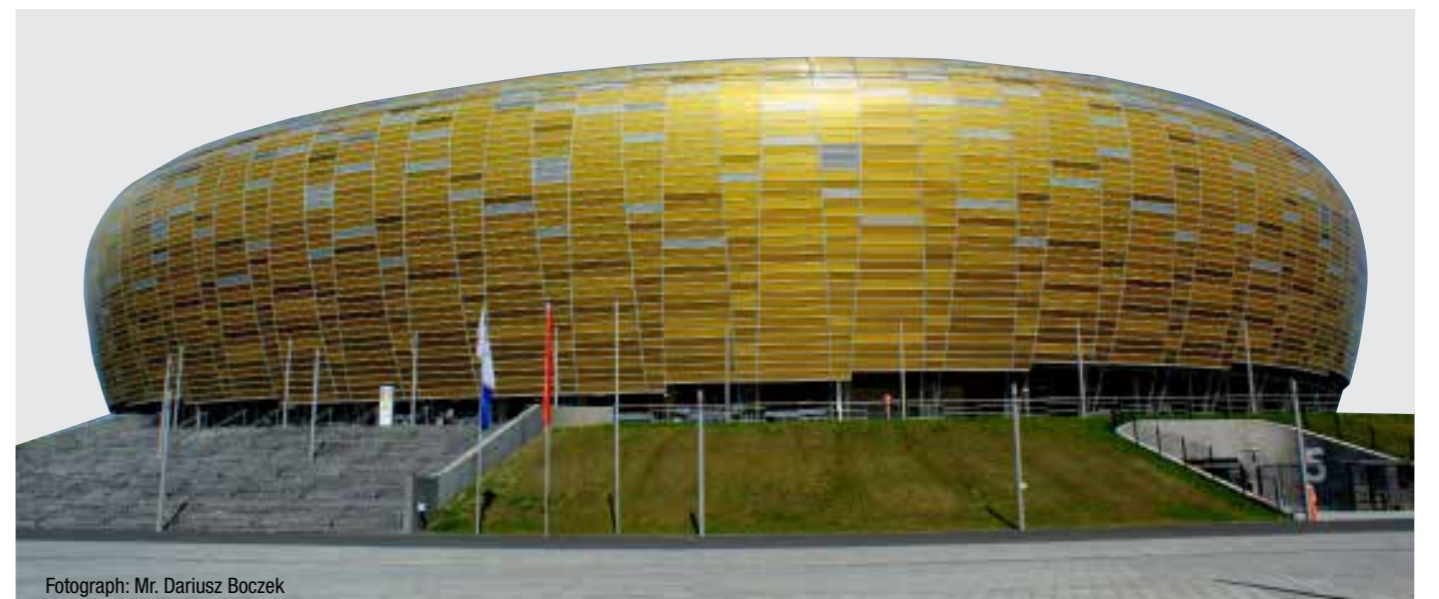
## K-FLEX® EC RANGE

	Length	Thicknesses	Diameters	
K-FLEX® EC - Tubes	2 m	6-9-13-19-25-40-50-60 mm	from 10 to 168 mm	
K-FLEX® EC/H Rolls		6-9-13 mm	from 6 to 35 mm	
	K-FLEX® EC/H Rolls	6 mm	9 mm	13 mm
Ø tube mm	m/Cartron	m/Cartron	m/Cartron	m/Cartron
6	90	60		
8	80	56		
10	70	51		35
12	60	50		30
15	57	41		26
18	45	35		25
20	45	35		23
22	35	29		21
25	32	25		20
28	30	21		15
35				12



## PROJECTS

PGE Arena, Polen



Fotograph: Mr. Dariusz Boczek