

K-FLEX® IC CLAD SYSTEM



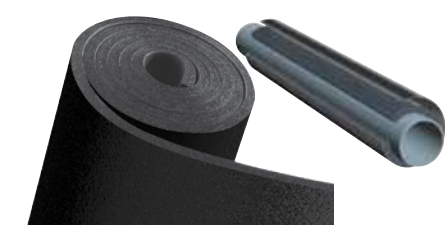
K-FLEX® IC CLAD SYSTEM

- ▶ Reinforced fiberglass coating
- ▶ Excellent mechanical resistance
- ▶ Resistant to high temperatures
- ▶ Easy to install without special tools
- ▶ Full range of accessories

Site



TECHNICAL DATA



K-FLEX® IC CLAD SYSTEM BLACK (COVERING ONLY) ▶ TECHNICAL DATA			
▼ Property ▼	▼ Value ▼	▼ Tolerance ▼	▼ Test method ▼
Weave pattern	Plain		DIN ISO 9354
Area weight	214 g/m²	±5%	DIN EN 12127
Tensile strenght			
Warp	500 N/cm		
Weft	350 N/cm		
Finish content	4,00-6,00 %		DIN ISO 1887
Thickness	0,18 mm		DIN ISO 4603/E
Temperature Resistance			
Continuous load	180 °C		
Short time resistance	230 °C		
Fire rating (with K-FLEX® ST)	IMO Res. A 653, Class 0 BS 476 Part 6/7		
Certication (with K-FLEX® ST)	CE Marine Mark Approved, DNV, Lloyds Register		

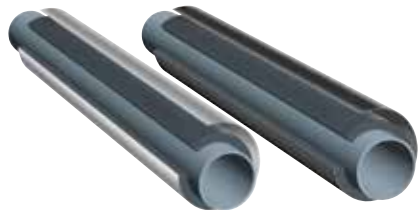
K-FLEX® reserves the right to change data and technical requirements without notice.



K-FLEX® IC CLAD SYSTEM SILVER (COVERING ONLY) ▶ TECHNICAL DATA			
▼ Property ▼	▼ Value ▼	▼ Tolerance ▼	▼ Test method ▼
Weave pattern	Plain		DIN ISO 9354
Area weight	204 g/m²	±5%	DIN EN 12127
Tensile strenght			
Warp	500 N/cm		
Weft	350 N/cm		
Finish content	1,00-3,00 %		DIN ISO 1887
Thickness	0,22 mm		DIN ISO 4603/E
Temperature Resistance			
Continuous load	180 °C		
Short time resistance	230 °C		
Fire rating (with K-FLEX® ST)	IMO Res. A 653, Class 0 BS 476 Part 6/7		
Certication (with K-FLEX® ST)	CE Marine Mark Approved, DNV, Lloyds Register		

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GENERAL INFORMATION



K-FLEX® IC CLAD SYSTEM TUBES

K-FLEX® IC CLAD SYSTEM tubes have an inorganic glass fibre fabric covering which is coupled to **K-FLEX® ST** insulation. The **IC CLAD** foil is especially resistant to mechanical stress and can withstand temperature peaks up to 230°C. Available in silver (aluminum) or black.



K-FLEX® IC CLAD SYSTEM SHEETS

K-FLEX® IC CLAD SYSTEM sheets have **IC CLAD** foil backing coupled to **K-FLEX® ST** insulation. Available in standard or self-seal, they are designed for use with large pipes, tanks and silos. Their flexibility and ease of processing make this material especially suitable for awkward configurations and trims.

K-FLEX® IC CLAD SYSTEM ▶ RANGE			
	▼ Length ▼	▼ Thicknesses ▼	▼ Diameters ▼
K-FLEX® IC CLAD - Tubes	1 m	9-13-19-25-32-40-50 mm	from 15 to 168* mm
		▼ Thicknesses ▼	▼ Height ▼
K-FLEX® IC CLAD - Sheets	6-10-13-19-25-32-40-50 mm		1000 mm
K-FLEX® IC CLAD - Adhesive sheets	6-10-13-19-25-32-40-50 mm		1000 mm

* For diameters greater than 168mm, use sheet

ACCESSORIES



Preformed IC CLAD elbows - Silver



Preformed IC CLAD elbows - Black



Preformed "T" connections IC CLAD - Silver



Preformed "T" connections IC CLAD - Black



IC CLAD tape - Silver



IC CLAD tape - Black



IC CLAD foil - Silver



IC CLAD foil - Black



Silicone