



L'ISOLANTE K-FLEX

A NEW GENERATION OF INSULATION MATERIALS



www.kflex.com



**BS476 CLASS 0
FIRE
PERFORMANCE!**

K-FLEX K-COAT

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K-FLEX K-COAT is designed specifically to meet the combined performance requirements of durability, fire performance and flexibility.

ADVANTAGES

- BS476 Class 0 performance
- Tough and durable protective jacket
- Flexible and easy to use
- Suitable for demanding environments – excellent physical properties

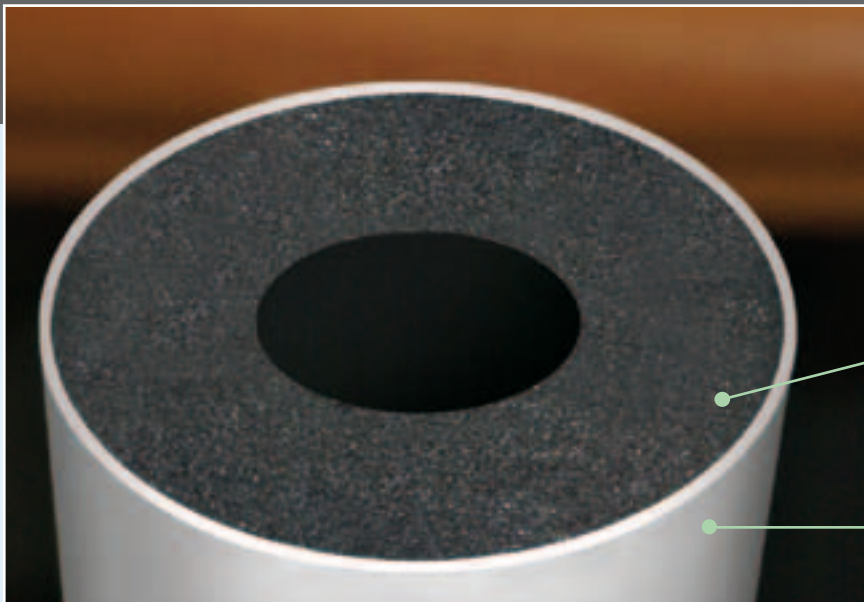
FEATURES

- Available in Black or White* colour options
- UV Resistant

*available from July 2013

Also available K-Coat Tape 50mm, 75mm and 100mm tape in 25m lengths and K-Coat film 1m x 25m (in both plain and self-adhesive).

what you need to know



K-FLEX Class 0 insulation

High performance outer coating

DURABLE, TOUGH, RESILIENT, THE ULTIMATE COMBINATION OF PROTECTION AND EASE OF USE

RANGE

COATED TUBING				
Insulation thickness (mm)	13	19	25	32

TECHNICAL DATA COATING

Features	Designed to meet all situations where a product with high performance is required. Available in Black and White colour options.
Fire Standards	BS476 Part 6 1989 Class 0 (UK)
Working Temp*	-15°C to +100°C
Water Absorption	0.8% (mm) BS 2782 Method 430a
Tensile Strength	14.5 MPa

TECHNICAL DATA TAPE

Features	Excellent UV/Fungi/Oxidation and weather resistance. Non-corrosive and RoHS compliant
Peel Adhesion	600 N/m (Value quoted after 10 mins tack time)
Thickness of adhesive	0.03mm
Coat weight of adhesive	30-30g per sqm
Polyester loop tack	1250 N/m
Shear adhesion failure temp	+85 to +90 degrees C
Recommended application temp	+5 to +25 degrees C
Service temperature range	-20 to +90 degrees C

TECHNICAL DATA K-FLEX ST

Temperature range	-40°C* max +110°C	
Thermal conductivity λW/(m•K) EN 12667 (DIN 52612) - ENISO 8497 (DIN 52613)	Thickness \leq 25mm	Thickness $>$ 25mm
	-20 °C = 0,031 0 °C = 0,033 +20 °C = 0,035 +40 °C = 0,037	-20 °C = 0,034 0 °C = 0,036 +20 °C = 0,038 +40 °C = 0,040
Corrosion Performance	EN 13468; pH neutral (7 \pm 1)	
Permeability μ EN12086 (DIN 52615)	\geq 10000	\geq 7000
Fire Performance	Euroclass B, s3, d0 EN 13501-1 , BS 476 Part 6 1989 Cl. 0 (UK)	

*For applications below 15°C please contact our technical department.

L'ISOLANTE K-FLEX reserves the right to change data and technical requirements without notice.