



KBS Pipe Wrap (Intuflex 957)

Product description:

KBS Intuflex 957 is a highly flexible intumescent material which expands when exposed to heat. KBS Intuflex 957 may be delivered as strip, panel or molded parts in any geometry; it is also possible to supply the goods with self-adhesive layer.

Composition:

KBS Intuflex 957 is an intumescent product containing an epoxy resin binder, intumescent compounds, flame retardants, fillers and additives. The product is free of fibres and halogens

Colour:	grey-black
Density:	approx. 1.4 g/cm ³
Intumescence:	The product increases its volume approx. 20 times when being exposed to heat.
Flexibility:	A 3 mm thick strip may be bent to a radius of 3 mm without cracking
Elongation at break:	Approx. 30 %
Tensile strength:	Approx. 1.2 N/mm ²
Ageing:	Excellent ageing resistance
Resistance against water and chemicals:	Water resistant, good compatibility with different chemicals



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Fire test results achieved with KBS Intuflex 957 used to seal plastic pipes

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Pipe Diameter (mm)	Thickness (mm)	Width (mm)
50	5	20
63	7.5	20
75	10	30
90	10	40
110	10	50
125	15	50
140	25	50
160	25	50