



## 03 ROCK WOOL INSULATION PIPE

### K-ROCK IPS 680 “Not coated”

**Description:**

K-ROCK IPS 680 is a concentric pipe made of uncoated mineral wool, 1200mm in length. The product is fireproof and has a high geometric accuracy. The pipes are made with a longitudinal slit on one side and are semi-cut on the opposite inner side to facilitate mounting onto pipes.

**Applications:**

K-ROCK IPS 680 pipes are ideal for thermal and acoustic insulation applications and protection against fire.

**Advantages:**

- Superior thermal resistance
- Resistant to high temperatures
- Fireproof
- Waterproof
- Non-corrosive product (AS quality)
- Easy to handle and install
- Performance does not deteriorate over time
- Acoustic
- Passive fire protection
- Pipes 1200mm in length
- Wide range of thicknesses for various applications from 20 to 120 mm and inner diameter of 15-324 mm

**Reaction to fire:**

K-ROCK IPS 680 pipes are classified as non combustible. EUROCLASS A1L (EN 13501-1)

**Thermal insulation:**

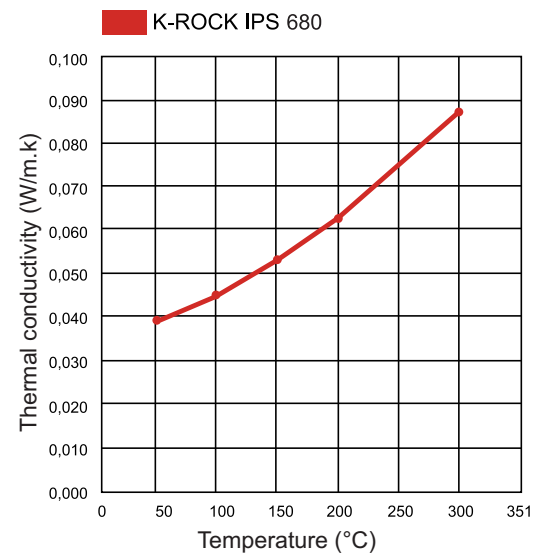
K-ROCK IPS 680 pipes have a thermal conductivity of 0,039 W/m·K at 50° C.

**Maximum service temperature (MST)**

The maximum operating temperature is 680° C.



Codes: AI03001  
AI03166

**Thermal conductivity in relation to temperature:**

PROPERTIES	SYMBOL	SPECIFICATIONS					UNIT	STANDARD
Maximum service temperature	ST(+)	680					°C	EN 14706
Thermal conductivity	$\vartheta_m$	50	100	150	200	300	°C	EN ISO 8497
	$\lambda$	0,039	0,045	0,053	0,062	0,087	W/(m·k)	
Water vapour diffusion resistance	$\mu$	1					-	EN 12086
Quality AS	-	< 10					mg/kg	EN 13468
Water absorption	Wp	≤ 1,0					kg/m <sup>2</sup>	EN 13472
Reaction to fire	-	A1L					-	EN 13501-1
Melting point of the fibers	-	≤ 1000					°C	DIN 4102-17
Silicon free	-	Manufactured without addition of silicone oil					-	-