

TECHNICAL DATA SHEET - KYLRÖR

DESCRIPTION

The "cooling pipe" is a precision steel tube designed for temperature regulation in concrete structures. It is primarily used to minimize thermal stresses and prevent cracking in large concrete castings such as bridges, dams, and foundations.

Manufactured from E220 steel according to EN 10305-3, this pipe ensures high dimensional stability and durability. The cold-rolled surface treatment enhances corrosion resistance for long-term performance.



PROPERTIES

- **Precision tube according to EN 10305-3** – Ensures uniform quality and high dimensional accuracy.
- **Made of E220 steel** – Provides high strength and excellent machinability.
- **Effective temperature regulation** – Reduces the risk of thermal cracking during concrete curing.
- **High corrosion resistance** – Cold-rolled surface treatment prevents oxidation and wear.

TECHNICAL INFORMATION

Parameter	Specification
Material	E220 steel according to EN 10305-3
Outer diameter	25 mm
Material thickness	1,0 mm
Length	6100 mm
Weight	ca 0,6 kg/m
Surface treatment	Cold-rolled (KAL)
Corrosion resistance	High
Standard	EN 10305-3

RANGE OF ARTICLES

Item.nr	Description	Diameter (mm)	Lenght (m)	Unit
1413001	Cooling pipe Ø25mm	25	6,1	m
1413010	Reinforced hose Ø25 mm	25	50	m
1413011	Hose-clamp 22-32 mm 50PCS	-	-	pcs

ENVIRONMENTAL & SUSTAINABILITY



BVB ID
129152



An Environmental Product Declaration (EPD) has been issued for this product

APPLICATIONS

The cooling pipe is used in construction and civil engineering projects where controlled concrete cooling is critical. Common applications include:

- **Bridges and viaducts** – Prevents cracking in large concrete pours.
- **Dams and hydropower plants** – Regulates temperature distribution in large concrete blocks.
- **Industrial foundations** – Used in structures where temperature fluctuations affect durability.
- **Cold-climate castings** – Reduces the risk of uneven curing in winter conditions.

