

Technical Data Sheet

❖ Cast Iron Protection Tubes

When mechanical strength is needed

Advantages

- No preheating required
- High mechanical strength
- Ceramic enamel coating for extended service life



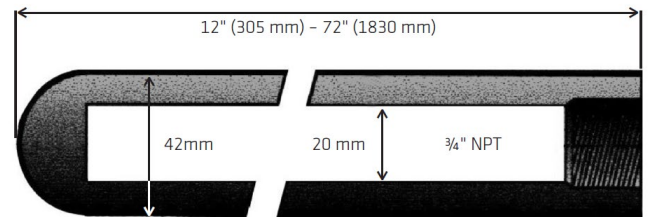
Description

Cast iron thermocouple protection tubes with a black enamel coating provide a robust solution for protecting sensitive thermocouples in high-temperature environments.

These tubes are made from seamless durable cast iron, known for its strength and heat resistance, ensuring reliable performance under extreme conditions.

Standard diameters

- Outer Ø42 mm | Inner Ø20 mm



Cast Iron Protection Tubes

Application

Aluminum and zinc melting furnaces and all other applications where mechanical strength is required; preheating not necessary.

Maximum Temperature

With ceramic coating ('C') up to 800°C. All protection tubes are made as a one-piece, specially alloyed casting.

Connection

$\frac{3}{4}$ " NPT female thread as standard; other thread types than $\frac{3}{4}$ " NPT available on request.

Type

CIPT-(length in ")-C (with ceramic coating)

Standard sizes:

Type	Weight (per piece)	Length (inch)	Length (in mm)
CIPT-12-C	3 kg	12"	305 mm
CIPT-18-C	4 kg	18"	460 mm
CIPT-24-C	5 kg	24"	610 mm
CIPT-30-C	7 kg	30"	760 mm
CIPT-36-C	8 kg	36"	915 mm
CIPT-42-C	9 kg	42"	1065 mm
CIPT-48-C	10 kg	48"	1220 mm
CIPT-54-C	12 kg	54"	1370 mm
CIPT-60-C	13 kg	60"	1525 mm
CIPT-66-C	14 kg	66"	1676 mm
CIPT-72-C	15 kg	72"	1830 mm



Also available completely assembled with elements, extension tubes, flanges, connections etc.

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