

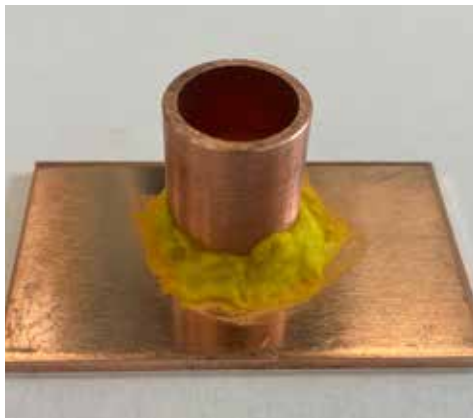
FONTARGEN F 300 H ULTRA NT C - COLOUR CHANGE

Brazing flux paste enables visual temperature control

FONTARGEN F 300 H ULTRA NT C is a flux paste for brazing copper; copper alloys such as brass and bronze, nickel and nickel alloys as well as Cr/Ni steel and mixed joints. The flux indicates the activation temperature via a colour change, making it easier to identify the required brazing temperature.

The flux paste does not contain any SVHC substances (Substance of Very High Concern) and is therefore compliant with the current REACH regulation and is not a dangerous good when transported by water, land or air.

Product features	Product advantages	User benefits
» Flux paste	<ul style="list-style-type: none"> » Homogeneous distribution of the flux components » Very good adhesion from the joining part surface 	<ul style="list-style-type: none"> » No mixing (water powder) necessary » Very good application with brush
» High proportion of active substances that are not SVHC substances	<ul style="list-style-type: none"> » Very good activation » Effective range from 550 - 800 °C » No dangerous goods and compliant with the current REACH regulation 	<ul style="list-style-type: none"> » Good activation of the brazing surfaces as a prerequisite for high strength of the brazed joint » Reduction in handling costs, such as for transport and storage
» Colour change during heating	<ul style="list-style-type: none"> » The active phase begins when the colour changes » Melting the flux components 	<ul style="list-style-type: none"> » Visual orientation of the surface temperature reached during the heating process simplifies the manual soldering process
» Transparent flux melt	» Brazing alloy - melting an flow are visible	» Visual control



Typical applications

- » Brazed pipe connections
- » Brazing heating inserts
- » Brazing copper (copper alloys) - Steel joints with Ag brazing alloys
- » Universal brazing flux

FONTARGEN F 300 H ULTRA NT C

Classification

EN ISO 18496

FH 10 B

Properties

Effective range (°C)	Colour	Residues	Dilution	Brazing alloys	Stir before use
550 - 800	yellow	Corrosive back stands must be washed and stains be removed	Distilled Water	Ag brazing alloys	Yes

Processing instructions

Storage at 20 °C in tightly closed containers; shelf life at least 6 months in the original sealed container; stir before use; dilution reduces the flux effect

Base materials

Copper, brass, bronze, nickel alloys; hard metals, Cr/Ni steels

Soldering process

Flame

Product name	Shape	Quantity (kg)	Packaging
F 300 H ULTRA NT C	Flux paste	0.5 kg and 1.0 kg	Sealable tin

