

NOCOLOK® 7028-9028

Metallized Flux Paste



Physical Properties

Appearance: grey paste
Flash point: N/A
pH: neutral
Odour: slight
Melting range (filler metal):

- AlSi₇ : 577 – 613 °C
- AlSi₁₀ : 577 – 591 °C
- AlSi₁₂ : 577 – 582 °C

Melting range (flux)*: 565 – 572 °C

*refers to NOCOLOK® Flux

*Addition of CsAlF₄ will reduce melting range.

Chemical Composition

NOCOLOK® Flux 7028-9028 metallized flux pastes are a mixture of NOCOLOK® Flux, aluminum filler metal powder and an organic carrier system.

CsAlF₄: optional

- NOCOLOK® Flux 7028 contains AlSi₁₂ metal powder
- NOCOLOK® Flux 8028 contains AlSi₁₀ metal powder
- NOCOLOK® Flux 9028 contains AlSi₇ metal powder

Application

Widely used where additional filler metal is required.

NOCOLOK® Flux 7028-9028 are flux pastes specifically formulated for providing a viscous homogeneous mixture of NOCOLOK® Flux and filler metal in an organic carrier for brazing aluminum non-cladded interfaces.

Typical applications include but are not limited to interior tube seams (glass hour tubes), machined components as connector blocks, tube to header joints, stainless steel and aluminum components, etc.

The paste can be dispensed manually by brush or syringe or with semi automatic or fully automatic dispensing equipment – e.g. volumetric pumps.

CsAlF₄ can be added to accommodate materials with Mg of up to approximately 0.6 % in furnace brazing. This refers to the combined Mg-level of both components to be joined.



Packaging

Filling weight 5 kg
Height 194 mm
Diameter top 208 mm
Diameter bottom 184 mm
Pallet 400 kg, 120 x 80 x 115 cm



Filling weight 10 kg
Height mm 260 mm
Diameter top 251 mm
Diameter bottom 230 mm
Pallet 480 kg, 120x80x130cm



Filling weight 20 kg
Height 360 mm
Diameter top 299 mm
Diameter bottom 273 mm
Pallet 480 kg, 120 x 80 x 130cm

Storage, Handling, Transport

Products are supplied as ready to use products, requiring premixing prior to usage.

Shelf Life: is defined on the label.

Storage and transport conditions: Keep containers tightly closed. Keep in a cool, well-ventilated place, away from heat and direct sunlight and frost.

Classification

Products are classified as hazardous according to the European regulation (EC) 1272/2008 (GHS)

Detailed information can be found in the relevant Safety Data Sheet (SDS).

MANAGEMENT SYSTEM

DQS – certified according
ISO 9001 : 2015
ISO 14001 : 2015
ISO 50001 : 2018
ISO 45001 : 2018

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