



Physical Properties

Color: Silver Gray
Solidus: 577 °C (1,070 °F)
Liquidus: 582 °C (1,080 °F)
Density: N/A
Electric
Conductivity (%IACS): N/A
Electric Resistivity
(Michrom-cm): N/A
Tensile Strength: 35,000 psi
Shear Strength: N/A psi

Metal Composition

Silicon: 11 – 13 %
Aluminium: Balance
Others Total: 0.15 % max

Flux:

NOCOLOK® Flux

AWS A5.10 ER 4047 Alloy QQB
655A BalSi-4

Packaging

5 kg HDPE bucket

Application

NOCOLOK® Braze Paste
X47-12 is a braze paste specifically formulated for providing viscous mixture or flux and alloy for brazing noncladded aluminium materials, including 1100, 3003 and 6061 series aluminium. It is also used for supplying supplemental alloy where necessary on cladded components.

Paste can be dispensed manually by brush, syringe, or with automatic dispensing equipment.

The paste can be used in both furnace and flame braze process.

CsAlF₄ Flux can be added to accommodate materials with Mg of up to 0.12 %.

Classification

Classified as hazardous according to the European regulation (EC) 1272/2008 (GHS)

GHS Labelling:
Signal Word: Danger

Hazard Symbols:
GHS07, GHS08

Hazard Statements:
H315, H319, H332, H362, H372, H412

Precautionary Statements:
P260, P263, P273, P280,
P305+P351+P338,
P308+P313, P501

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

MANAGEMENTSYSTEM



DQS – certified according
DIN EN ISO 9001:2008
ISO/TS 16949:2009
DIN EN ISO 14001:2004
BS OHSAS 18001:2007

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