

TECHNICAL SHEET

AIZn78 FC-NC

Product name

AIZn78 FC-NC

Class of product

Zinc-Aluminium flux-cored brazing (soldering) alloy, with non-corrosive flux

Corresponding standards (filler metal)

ISO 17672 ----
EN 1044 ----
AWS A5.8-04 ----
DIN8513 ----

Nominal composition of filler metal (weight %)

Al: 22
Zn: 78

Physical and technical properties

Alloy melting range (Solidus – Liquidus): 415 - 475 °C
Flux residues: Non Corrosive

Range of application

AIZn78 FC-NC is a zinc-aluminium flux-cored brazing alloy, with non corrosive flux.

It is used for aluminium-aluminium, aluminium-copper, aluminium-brass, aluminium-stainless steel joints.

Common brazing procedures include flame, induction and oven.

Being flux-cored it may be used directly without the need of an additional fluxing operation.

Thanks to its non corrosive flux there is no need of post-braze cleaning.

Its main usages are in the field of heat-exchangers, air conditioners and condensers and automotive refrigeration systems.

Characteristics Make-up

Cored Rods

Cored Wires

Rings

Preforms from wire

NOTE:

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