

Product Information

ISO-FLUX® “KF-32”

Halide-free, resin containing cable flux
DIN EN 29454, 1.2.3.A, DIN EN 61190-1-3 (IPC J-STD-004), RELO

Item-No.: 251300..

All information about our products are the result of our long standing experience which we would like to pass on to our customers as application support. However, as we do not have any influence on the application of the works carried out with our products, please see the warranty claims in our conditions of sale because our liability is limited.

This product information does not constitute warranted properties.

Cable flux ISO-Flux® "KF-32"

Description

The cable flux ISO-Flux® "KF-32" is a flux on a basis of organic, halide-free activators and modified natural resins without colophony, in alcoholic solution. In comparison to conventional fluxes it distinguishes itself by the fact that absolutely partial tinning can be achieved. This flux was particularly developed for tinning and soldering of cable ends, sleeves and plug connections. Even with finest copper braids with high capillary effect the solder will not rise any higher than the wetting of the braid effected by cable flux ISO-Flux® "KF-32". By proper application there is no risk, that the solder creeps under the isolation and limits the flexibility of the wire. It is usually applied by dipping.

ISO-Flux® "KF-32" contains no substances, in concentrations or applications, whose bringing into circulation in products is prohibited according to the valid requirements of the directive 2011/65/EU ("ROHS").

Properties

Density (20° C):	0,830 g/cm ³
Flaming point:	> 13 ° C
Solid content:	15,0 %
Acid value:	54
Halide content:	halide-free
Colour:	amber coloured
Thinner:	VF 2

Residues

The tinned parts are metallic bright and also keep after long storage their excellent wetting characteristics for following soldering works (e. g. on electronic components).

The flux residues comply with the flux specifications 1.2.3. The flux residues are not corrosive and may remain on the soldering joint.

A possibly occurring green colouring with copper cables is a reaction product of the copper oxide. This colouring is unavoidable by surface cleaning and may not be confused with corrosion.

Advice

By the evaporation of the solvent during the use it can occur that the flux thickens. By adding **thinner "VF-2"** the original consistency of the solution can be recovered.

With open flux systems the acid value has to be determined daily by titration. This can be done without great effort by the machine operator with our FELDER Titration set.

Delivery Forms

1 l bottle, 25 l canister

Storage Advice

Store in tightly closed containers protected from humidity, insolation and warmth effect.

Minimum Durability

12 months from production date.