

# Product Information

## **ISO-FLUX® “KF-070”**

Alcoholic cable flux on a basis of organic activators, halide-containing compounds.  
DIN EN ISO 9454-1, 2123; DIN EN 61190-1-3, ORM1

Item-No.: 25 16 00 ...

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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-070"**

## Description

The cable flux ISO-Flux® "KF-070" is a flux on a basis of organic, halide-containing activators. This flux has especially been developed for the tinning and soldering at cable shoes, jackets and plug connections as well as lacquered copper wires. It characterized opposite conventional fluxes by the fact that absolutely partial tinning can be manufactured.

ISO-Flux® "KF-070" can be used for the following metals and metal coatings: copper and copper alloys, nickel and nickel alloys, silver and silver alloys.

There is no risk, that the solder creeps under the isolation and so limits the flexibility of the wire by proper application. After tinning there are no visible disturbing flux residues. The tinned parts are metallically brightly and keep also after long storage their excellent wetting characteristics at the soldering (e. g. on electronic components).

By the evaporation of the solvent during the use it can occur that a part of the activators crystallizes. By addition of the **FELDER thinner "VF-2"** these crystals can be brought back in solution again.

**Cable flux ISO-Flux® "KF-070" does not contain any substances, in concentrations or application, whose bringing into circulation in products is prohibited according to the valid requirements of the directive 2011/65/EU ("ROHS").**

## Properties

Density (20° C)	:	0,924 g/cm <sup>3</sup>
Flaming point	:	>13 °C
Solid content	:	1,3 %
Halide content	:	ca. 2,6 %
Colour	:	water clear
Thinner	:	VF 2

## Residues

After the tinning no disturbing flux residues are visible. The tinned parts are metallic bare and keep also on long-term storage its excellent wetting qualities at the soldering (e.g., on electronic components).

The flux residues are corrosion proof and may remain on the soldering joint. A possibly arising green coloring on copper surfaces represents a reaction product of the copper oxide. This coloring is inevitable during the surface cleaning and may not be confounded with corrosion.

## Delivery forms

1 l bottle, 25 l canister

## Storage advices

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

## Minimum durability

12 months from production date.