EMIL OTTO

FLUX PASTES

FLUX- AND SURFACE TECHNOLOGY

PRODUCTS FOR THE ELECTRONIC INDUSTRY

- Can be used without restrictions
- Can be used after consultation with Emil Otto GmbH
- Not recommended for use/no application possible

		MANUAL - REPAIR SOLDERING	DIP TINNING	FINE-PITCH AND SMD-APPLICATION	SPECIAL APPLICATIONS	CLEANING-APPLICATION	Page
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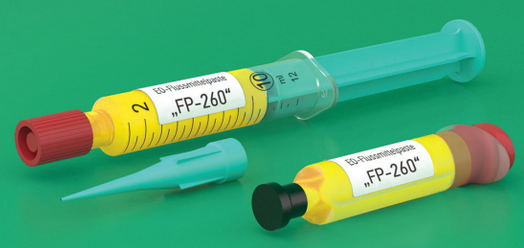
FP-260

Cat.-no.: 2998

Flux paste based on synthetic resins, (di)carboxylic acids, halogen-free
(WEE/RoHS conformant)
Type 1.2.3.1 // RELO acc. ISO 9454 // DIN EN 61 190-1-1

The soldering flux paste, FP-260, has been developed for repair soldering. In addition, the soldering flux paste is suitable for dip tinning as well as special applications. FP-260 is characterized by a high activity and good wetting and spreading properties. Due to these properties, the paste should be applied sparingly. Application takes place via a dosing syringe with a plastic tip. This enables the accurate dosing and positioning of the paste. The processing of the soldering flux paste can be done with the aid of hot air or soldering irons.

Customer added value:
- Very good soldering properties (capillarity, wetting)
- Broad process window (very high thermal stability, very high activity over a long interval)
- Exact dosage
- No separation
- Flux residues visible under UV light
- VOC-free



Technical data:

Appearance	pasty, bright yellow
Odour	waxy, mild acidic
Solids content wt%	very high
Density 20°C-g/cm³	0.9 - 1.0
Activators/resin	synthetic resins, carboxylic acids, dicarboxylic acids
Flash point °C	> 80
Durability (months)	12
Viscosity (acc. DIN EN ISO 9219)	68
Viscosity (DIN 51810-1) start	3.783
Viscosity (DIN 51810-1) end	2.367

Standard packaging units  syringes with 5 or 10 ml, cartridge

Image may differ from the original.

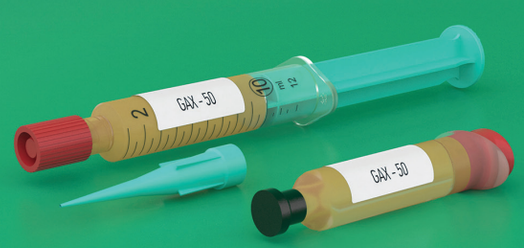
GAX-50

Cat.-no.: 2999

Flux paste based on synthetic resins, (di)carboxylic acids, halogen-free
(WEE/RoHS conformant)
Type 1.2.3.1 // RELO acc. ISO 9454 // DIN EN 61 190-1-1

The soldering flux paste, GAX-50, has been developed for repair soldering. In addition, the soldering flux paste is suitable for dip tinning as well as special applications. GAX-50 is characterized by a high activity and good wetting and spreading properties. Due to these properties, the paste should be applied sparingly. Application takes place via a dosing syringe with a plastic tip. This enables the accurate dosing and positioning of the paste.
The processing of the soldering flux paste can be done with the aid of hot air or soldering irons but also with MINIFLOW – soldering tips.

Customer added value:
- Very good soldering properties (capillarity, wetting)
- Broad process window (very high thermal stability, very high activity over a long interval)
- Exact dosage
- No separation
- VOC-free



Technical data:

Appearance	pasty, beige/amber, opaque
Odour	waxy, mild
Solids content wt%	very high
Density 20°C-g/cm³	0.9 - 1.0
Activators/resin	synthetic resins, (di)carboxylic acids
Flash point °C	> 80
Durability (months)	6
Viscosity (acc. DIN EN ISO 9219)	82
Viscosity (DIN 51810-1) start	8.816
Viscosity (DIN 51810-1) end	6.571

Standard packaging units  syringes with 5 or 10 ml, cartridge

Image may differ from the original.

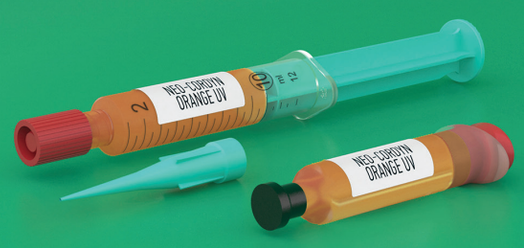
NEO-CORDYN Orange UV

Cat.-no.: 2992

Flux paste based on synthetic resins, halogen-free (WEE/RoHS conformant)
Type 1.2.3.1 // RELO acc. ISO 9454 // DIN EN 61 190-1-1

The soldering flux paste NEO-CORDYN Orange UV is a paste-like electronic soldering flux. It can be used for all types of manual and repair soldering. The method of application is dependent on the process, with manual soldering it can be dosed directly with the syringe. In addition, the soldering flux paste is suitable for dip tinning as well as special applications. The processing of the soldering flux paste can be done with the aid of hot air or soldering irons but also with MINIFLOW – soldering tips.

Customer added value:
- Very good soldering properties (capillarity, wetting)
- Broad process window (very high thermal stability, high activity over a long interval)
- Exact dosage
- No separation
- Flux residues visible under UV light
- VOC-free



Technical data:

Appearance	pasty, bright orange/red (UV light)
Odour	mild
Solids content wt%	solid substances over 30%
Density 20°C-g/cm³	0.9 - 1.0
Activators/resin	synthetic resins, carboxylic acids
Flash point °C	> 80
Durability (months)	12
Viscosity (acc. DIN EN ISO 9219)	27
Viscosity (DIN 51810-1) start	3.460
Viscosity (DIN 51810-1) end	2.733

Standard packaging units syringes with 5 or 10 ml, cartridge

Image may differ from the original.

NC-260/RF EO Nozzle Clean

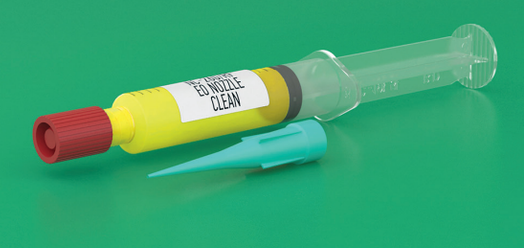
Cat.-no.: 2995

Flux paste based on synthetic resins, dicarboxylic acids, halogen-free (WEE/RoHS conformant)
Type 1.2.3.1 // RELO acc. ISO 9454 // DIN EN 61 190-1-1

The soldering flux paste NC-260/RF EO Nozzle Clean has been developed for the cleaning of the non-coated soldering nozzles of selective soldering systems.

Customer added value:

- Very good cleaning effects for scaling and contamination of non-coated soldering nozzles of selective soldering systems
- Broad process window (very high thermal stability, very high activity over a long interval)
- Exact dosage
- No separation
- Flux residues visible under UV light
- VOC-free



Technical data:

Appearance	pasty, bright yellow
Odour	mild acidic
Solids content wt%	very high
Density 20°C-g/cm³	0.9 - 1.0
Activators/resin	synthetic resins, carboxylic acids, dicarboxylic acids
Flash point °C	> 80
Durability (months)	12

Standard packaging units syringes with 10 ml

Image may differ from the original.

EO-FP-001

Cat.-no.: 2052

No clean flux paste based on inorganic halogens, zinc free (WEEE/RoHS conformant)
2.2.2.C // M1 acc. ISO 9454 // DIN EN 61 190-1-1

The soldering flux paste, EO-FP-001, has been developed for repair soldering. In addition, the soldering flux paste is suitable for dip tinning as well as special applications. EO-FP-001 is characterized by a high activity and good wetting and spreading properties. Due to these properties, the paste should be applied sparingly. Application takes place via a dosing syringe with a plastic tip. This enables the accurate dosing and positioning of the paste. The processing of the soldering flux paste can be done with the aid of hot air or soldering irons.

Customer added value:

- Excellent soldering properties (capillarity, wetting)
- Broad process window (very high thermal stability, very good activity over long interval 150°C-260°C)
- Low corrosion tendency despite very strong activation
- Contains no free acid und no resin
- No curing or crystallization effect
- Exact, drip-free dosage
- Minimal smoke and odour generation
- Flux residue
- VOC-free

Technical data:

Appearance	pasty, blue/turquoise
Odour	mild
Solids content wt%	very high
Density 20°C-g/cm³	0.9 - 1.0
Activators/resin	inorganic halogens
Flash point °C	> 80
Durability (months)	12

Standard packaging units  syringes with 5 or 10 ml

Image may differ from the original.

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