

NITRO FLUX SOLDERING PASTE

FEATURES

- Smooth and Creamy Texture
- Lead-Free
- Excellent Wetting Properties
- Promotes Smooth Flow of Solder and Reduced Voids
- Cleans While Soldering, in all Temperatures
- Ideal for Lead-Free Brass
- REACH/RoHS Compliant
- Meets ASTM B-813

DESCRIPTION

Nitro Flux is a plumbing solder paste flux, compatible with all lead-free and common soft solders. Nitro Flux is specifically designed for use on copper, brass, tin and lead. Nitro Flux promotes excellent solderability and post-soldering residues that can be easily wiped clean. The creamy texture and viscosity of Nitro Flux allows it to hold form and stay in place while soldering.

AVAILABILITY

P/N	Description	Weight	QTY
89261	Nitro Flux Lead-Free Solder Paste	57 g (2 oz)	48
89262	Nitro Flux Lead-Free Solder Paste	454 g (1 lb)	12
89263	Nitro Flux Lead-Free Solder Paste	19.05 kg (42 lb)	1

PROPERTIES

Parameter	Result
Color	Grayish silver
Viscosity	250 kcps ± 10%
Density	0.9711 ± 0.05
Melting Temperature	45°C (113°F)
Flash Point	182 - 230°C (359 - 446°F)
Auto Ignition Temperature	>300°C (>572°F)
Cold Temperature Usage	Performance not affected
Cold Temperature Viscosity	Ideal as low as 15°C (59°F)
	Spreadable as low as 4°C (39°F)



HANDLING & STORAGE

Parameter	Time	Temperature
Sealed Shelf Life	3 years	< 35°C (95°F)

Ideal storage temperature is room temperature, although Nitro Flux can be stored up to 35°C (95°F). Do not mix used and unused paste flux in the same container. Reseal any opened containers. After opening, Nitro Flux shelf life is environmental and application dependent.

APPLICATION

Clean surfaces to be soldered and apply Nitro Flux. Heat and apply solder without overheating, wipe clean once cooled. Use AIM solders for best results.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying SDS for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.