

## NITRO FLUX HW SOLDER PASTE FLUX

### FEATURES

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

### AVAILABILITY

P/N	Description	Weight	QTY
89572	Nitro Flux HW Lead-Free Solder Paste	57 g (2 oz)	48
89573	Nitro Flux HW Lead-Free Solder Paste	454 g (1 lb)	12
89576	Nitro Flux HW Lead-Free Solder Paste	19.05 kg (42 lb)	1

### PROPERTIES

Parameter	Result
Color	Caramel
Viscosity	82000 kcps at 60°C (140°F)
Density	1.01
Melting Temperature	61°C (142°F)
Autoignition	> 300°C (572°F)
Flash Point	> 160°C (320°F)
Cold temperature Performance	Not affected
Cold temperature Viscosity	Spreadable as low as 4°C (39°F)
	Ideal as low as 15°C (59°F)



### HANDLING & STORAGE

Parameter	Time	Temperature
Sealed Shelf Life	3 years	< 55°C (131°F)

Ideal storage temperature is room temperature, although Nitro Flux HW can be stored up to 55°C (131°F). Do not mix used and unused paste flux in the same container. Reseal any opened containers. After opening, Nitro Flux HW shelf life is environmental and application dependent.

### APPLICATION

Clean surfaces to be soldered and apply Nitro Flux HW. 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.