



PRODUCT LINE

NO-RESIDUE PRODUCTS

No-Residue Flux

IF2005Mz

Appearance	Solid content	Specific Gravity	Conditioner
Clear/Colorless	1.8 %	810 Gr/L	T2005M

IF2005Mz is known as **the benchmark in No-Clean/Residue-Free soldering**. This **Halide Free** product is the chemistry of choice by leading electronics assembling companies, due to its unparalleled track history. This flux in combination with the correct soldering machine settings will totally eliminate the need for cleaning without compromising board cosmetics and soldering results.

IF2005Mz is the only No-Clean/Residue Free flux chemistry ever passed **Mil-F-14256F** and **Mil 2000A** qualification without cleaning. (Compliance reports Mil, Bellcore and IPC are available upon request). Classified as type **ORL0** under IPC J-STD-004.

No-Clean Cored Solder

IF14

No-Clean Cored Solder formulated to provide **fast wetting** with minimal amount of flux residue. Residues can be brushed off with a dry brush **"no solvents or other cleaning liquids required"**. Its flux core is based on the highly successful IF2005Mz No-Residue liquid flux technology and is available in all standard diameters used in the electronics industry. IF14 meets Bellcore specifications (compliance reports available upon request). Classified as type **REL0** under IPC J-STD-004

No-Residue Solder Paste

IF-SP316-NR/HT

IF-SP316-NR/HT is a solder paste designed to eliminate cleaning **without compromising on board cosmetics**. The paste has the same chemical and physical characteristics as the IF2005Mz No-Residue flux and the IF14 No-Clean Cored Solder. The flux chemistry becomes **totally volatile in the dwell time above reflow**. The solderability of the paste is excellent even on OSP copper boards. The paste has excellent printing characteristics and has sufficient tack to work with high-speed placement equipment. IF-SP316-NR/HT meets Bellcore specifications. Classified as type **REL0** under IPC J-STD-004

WATER SOLUBLE LINE

Water Soluble Fluxes

	Appearance	Solid content	Specific Gravity	Thinner
353WSR	Light Amber Liquid	16%	836 Gr/L	353-00

The 353WSR series are **neutral pH** water-soluble fluxes and developed to function with the same characteristics as rosin based fluxes. The flux can be cleaned effectively with water without the use of detergents or saponifiers and can be used in any application that allows the use of RA rosin flux.

353-25	Light Amber Liquid	25%	866 Gr/L	353-00
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The 353-25 flux is a **high solids flux** recommended for high volume production especially where high preheat temperatures and long dwell times are used (ex. Power boards and boards thicker than normal).

425SP	Light Amber Liquid	23%	861 Gr/L	425-00
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The 425SP is a **fully halogenated flux** to solder the most difficult boards and surfaces. Can be washed with warm water or preferably with the use of an alkaline neutralizer like our 600A aqueous cleaner/detergent

425RX	Light Amber Liquid	28%	857 Gr/L	425-00
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The 425RX is both **halogenated and organic acid** activated and can be cleaned with cold water without leaving residues even on the most demanding solder resists.

425NH	Light Amber Liquid	23%	875 Gr/L	425-00
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The 425NH is a **halide free**, organic acid activated water-soluble flux and used in high reliability applications.

Aqueous Cleaners

600A	Turbid to yellowish Liquid	N/A	1009 Gr/L	N/A
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The Interflux/Vichem 600A is developed for use in both batch and in-line aqueous cleaners and will perform as saponifier for rosin fluxes as well as **detergent/neutralizer** for water-soluble fluxes.

BC-10	Clear/Colorless Liquid	N/A	951 Gr/L	N/A
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BC-10 is an **anti-foaming agent** for aqueous cleaning systems, especially high-pressure jet cleaners. Does not contain any products which affect adhesion of coatings.

SOLDER BATH MAINTENANCE

Solder Dross Inhibitors

Anti-Dross #7

Appearance	Solid content	Specific Gravity	Melting Point
White Flake	100%	N/A	175°F

Anti-Dross #7 melts at soldering temperatures into an oily substance and will **remove the "good" solder from the solder dross**. When used at regular intervals the Anti-Dross #7 will totally eliminate your solder dross problems.

SPC

White powder	100%	N/A	320°F
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SPC is a unique solder pot cover that **seals the solder surface** from exposure to the oxygen in the air. SPC is a white powdery material and needs to be sprinkled onto the solder pot surface. As the material heats up it polymerizes to form a semi-solid film.

MISCELLANEOUS PRODUCTS

Skin Moisturizer

Lectro Lotion

Hand lotion to use in the electronic assembly. Replaces skin moisture depleted by various solvents, and helps in **static electricity control**. "Does not affect solderability."

Masking Materials

Seal and Peel

Provides a fast, low cost **alternative method** to mask areas on a board for conformal coating. Seal and Peel can be melted using a small hot plate, the parts can then be dipped into the material. For large areas or components, which cannot be dipped, **hot melt dispensing equipment is available for pinpoint or complex masking**. Either way, Seal and Peel air cures rapidly, as quickly as 30 seconds.

Acrypeel 2000

A **peelable acrylic temporary masking** material with superior characteristics over conventional latex masks. Acrypeel 2000 is simple in application and fast drying. Compatible with all flux types and cleaning agents. Can be used in both conformal coating and wave soldering applications. The peelable mask removes easy after processing **and leaves no residue**. Resists temperatures up to 270° C/520°F.

Flux Dispensers

All Flux Types

All our fluxes are available in flux applicators (marker pen design). Very useful in **touchup** and on-board chip replacement. Dosing the fluxes is made extremely simple, due to the **pump/valve design** of the applicators. Every push of the tip acts as a pump stroke and provides a consistent capillary flow. On the other hand, after the tip pressure gets released a valve locks to avoid flux evaporation and/or exposure to air.

Low Dross Bar Solder

Six Sigma

Sn	≥ 65	Fe	< .0005	Cu	< .0005	In	< .0007
As	< .0001	Ni	< .0005	Ag	< .0003	S	-
Sb	< .0001	Bi	< .0008	Zn	< .0005	P	-
Au	< .0003	Al	< .0003	Cd	< .0005	Pb	balance

Six Sigma Bar Solder is **the purest solder** available in the industry. This electrolytic refined alloy enhances the physics (wetting and capillary force) in your soldering process and **eliminates extensive dross** experienced with conventional solders.



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