



#### Heavy Duty Soldering Irons

American Beauty, heavy-duty irons are ideal for heavy soldering jobs and production-line environments... soldering irons that demonstrate an unsurpassed heat capacity and outstanding durability combined with optimum strength and efficiency.

#### Advanced Resistance Soldering Systems

American Beauty resistance soldering systems that reduce energy consumption, concentrate the heat where its needed and eliminate thermal damage caused by traditional soldering methods.



# Solder CONNECTION

Electronics & Industrial Soldering Solutions

[www.solderconnection.com](http://www.solderconnection.com)

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**EFFECTIVE SOLDERING**  
The Knowledge  
The Products

# Solder CONNECTION

# SOLDERING EQUIPMENT, FLUXES AND PAINTS FOR INDUSTRIAL APPLICATIONS



# SOLDERING EQUIPMENT, FLUXES AND PAINTS FOR INDUSTRIAL APPLICATIONS

**EFFECTIVE SOLDERING**  
The Knowledge  
The Products

Solder Connection manufactures and supplies wide ranges of liquid and paste, soldering fluxes and paints that enable soldering of most common industrial metals. The fluxes are manufactured to rigorous quality standards in order to maintaining batch-to-batch repeatability and consistency. Solder Connection maintains a policy of continuous product improvement and new product development to allow its Chemical Product range to remain at the forefront of new developments world wide.

## RADSOL FLUXES

High performance fluxes, formulated principally for the manufacture of copper-brass heat exchangers. Used extensively throughout the automotive industry but many find use in other general soldering applications. Designed for use on copper and its alloys, nickel

alloys and pre-soldered steels, Radsols are high activity fluxes with excellent wetting properties, **free from zinc chloride** and leave **non-corrosive post soldering residues**. Suitable for use with both tin-lead and lead-free alloys.

MATERIAL	APPLICATIONS/DESCRIPTION	PACK	CODE
Radsol 301	Light, handwork with small components, dip soldering of copper and brass.	5 litres	11299
		25 litres	11300
		200 litres	20399
Radsol 540	Hand soldering - stronger than 301, suitable for tarnished copper/brass. Soldering of Pewter type materials	25 litres	20402
Radsol T208B (water based)	Hand-soldering and dipping applications for copper/brass components, substitute for traditional resin based materials.	5 litres	11267
Radsol T208C (alcohol based)	Hand-soldering and dipping applications for copper/brass components, substitute for traditional resin based materials.	5 litres 25 litres	20407 11269

MATERIAL	APPLICATIONS/DESCRIPTION	PACK	CODE
Frysol Black Band	Soldering of mild steel, iron, brass and bronze	5 litres	11285
		25 litres	11284
		200 litres	20389
Bakers No.3 Soldering Fluid	Soldering of copper, brass, bronze and pre-tinned materials	125 ml	20417
		250 ml	11279
		500 ml	20686
		1 litre	20416
		5 litres	20420
		25 litres	20418
Frysol A8 Stainless Steel Flux	High activity flux, specifically for soldering stainless steel	500 ml 5 litres	20396 11292
Fluxite Paste	Formulated for general industrial applications, where an active paste flux is required	100gm	22193
		450gm	20423

MATERIAL	APPLICATIONS/DESCRIPTION	PACK	CODE
Alcho-Re Soldering Paste	General soldering for electrical applications. Rosin mildly activated (RMA), alcohol based flux	450 gm	20409
Aluflex	Flux specifically formulated to solder Aluminium	150 g	11278
Powerflow Paste Flux	Paste / cream flux for the soldering of copper plumbing installations	100 g	20437
		350 g	20436
S26 Stainless Steel Flux	Formulates specifically for the soldering of stainless steel. Milder flux action than Frysol A8	500 ml	11354
Superspeed WL1 Flux	Recommended for dip soldering & roller tinning applications	5 litres 25 litres	20680 10755

MATERIAL	APPLICATIONS/ DESCRIPTION	Melting or Solidus / Liquidus Temp °C	PACK	CODE
Fryolux Solder Paint T1333 S-Sn40Pb60	Ideal for all general engineering applications including pre-tinning and sweating of joints.	183 - 235	125 g	51930
			500 g	51923
			1.0 kg	51918
			2.5 kg	51913
			10 kg	51914
Fryolux Solder Paint T1333 S-Sn60Pb40	The higher Tin content of this paint gives enhanced solderability and greater capillary action between the joined surfaces.	183 - 190	125 g	51933
			500 g	51928
			2.5 kg	51916
			10 kg	51927
Fryolux Solder Paint T1333 S-Sn100 Lead Free	For hand tinning and sweat soldering where a lead free solder is essential.	232	125 g	51932 51929
			500 g	
			1.0 kg	
			2.5 kg	
			10 kg	

## FRYSOL / ZINC CHLORIDE FLUXES

Formulated for general soldering applications with all common metals (excluding aluminium and its alloys), these contain zinc chloride and combine maximum activity with ease of application – available as fluids, pastes and salts. Post soldering flux residues are corrosive and should be removed by washing with soapy water.



## MISCELLANEOUS FLUXES

To complete the flux range, products are available which enable the soldering of many other metals, including aluminium. Plumbing fluxes and Solder Paints are available also – see relevant brochure insert for more detailed information on these products.



## SOLDER PAINTS

Smooth, homogeneous mixtures of finely powdered solder and zinc chloride activated, liquid flux, suitable for tinning, solder coating and sweat soldering. Convenient and economical to use, they are applied easily by brush, swab or spray, to cold surfaces and then heated to melt the solder and make the joints.