

Certanium 34C



UPDATED : 12/04/2013



An instant freeze, high strength alloy solder expressly designed for stainless steels and joining all metals, except light metals.

Part N°:	DIAMETER	PART NUMBER	SIZE
	3.2mm	14672-00	450g spool
	1.6mm	14662-00	450g spool
	1.6mm	14191-08/24	31g coil
	0.8mm	86062-10	7g coil

Features & benefits

- Contains no lead, copper, antimony, zinc or cadmium
- 5 times as strong as a normal solder: 14kg/mm²
- High electrical conductivity – 25% higher than tin-lead solder
- Leaves a smooth and shiny finish, ideal for stainless steel and chrome plate
- Low melting point: 222°C
- High resistance to corrosion
- Acceptable for incidental food contact use

Application Method

34C is ideal for stainless steel, dissimilar metals and metal plating like chrome, nickel and cadmium. Deposits will not blacken and can be plated.

Typical applications are: Dairy equipment, food/beverage equipment, toilet fixtures, hobby repairs, electrical repair, heater control cables, hydraulic shafts, refrigeration, regulators, repair/fabrication of stainless steel equipment, food vessels, sinks, kitchen/hospital equipment and parts subjected to vibration.

Instructions

Clean joint area.
 For stainless steel, apply Certanium 934 to the joint area with a brush.
 Heat the base metal with a soft flame until the solder activates. For best results, do not direct the flame on the solder alloy.
 Even heating of the base metal ensures complete bonding and best capillary flow.
 After soldering allow parts too completely cool.
 On stainless steel and refractory metals, tin both parts before joining.
 When tinning surfaces, use a damp cloth and wipe while the metal is still hot.

Hints & Tips

Wherever common solder is subject to vibration, sudden jarring or other stresses, use Certanium 34C to eliminate potential joint failures.

DS171



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Technical Information

Part numbers:

Ø 3.2mm - 450g spool:	14672-00
Ø 1.6mm - 450g spool:	14662-00
Ø 1.6mm - 28g coil:	14191-08/24
Ø 0.8mm - 7g coil:	86062-10

Tensile strength: up to 14 kg/mm²

Melting temperature: 222°C

Associated Products Heatshield Gel (16004); CERTANIUM 934 Flux

Market

Primary



Secondary



Segments

Health & Safety Information

This product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.

Safety data sheet available for professional user on request.

In order to provide you with the most appropriate Personal Protective Equipment when using our products, KENT advises that you follow the guidelines on the packaging of the product before use. The guidelines are there for your protection and KENT provides a range of Personal Protection Equipment such as clothing, eye glasses, goggles, face shields and breathing apparatus, complying with the latest European legislation. If you require further advice then please phone our freephone number and we will be pleased to help you. Telephone: 0800 136925

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