

Features

- Reduces temperature down to -50°C
- Non-toxic and non-flammable
- Suitable for static-sensitive devices
- Prevents component damage during soldering and aids in fault finding

RS PRO Freezer Spray

RS Stock No.: 0441184



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

The RS PRO 400ml minimal charging freezer is a powerful non-corrosive refrigerant for use as a rapid and safe method of cooling small components, particularly in electrical and electronic equipment and to detect faulty soldered joints and overheating components. It utilises non-ozone depleting material.

General Specifications

Package Size	400ml
Freezer Temperature	-50°C
Ozone Depleting Potential	Zero
Flash Point (°C)	None
Boiling Point (°C)	-26.5
Form	Colourless Gas
Package Type	Aerosol

Approvals

Compliance/ Certificates	ANSI/ESD S20.20:2014; BS EN 61340-5-1:2007
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Directions For Use

Switch on and set up equipment so that the fault conditions caused by the 'dry' joint exist. Spray each joint in the circuit with the end of the extension tube approximately one inch from the joint. Spraying should continue until a layer of 'frost' appears on the joint, usually about 2 seconds. When the 'dry' joint is frozen, the fault condition will disappear but will return as the temperature of the joint returns to normal ambient. A similar procedure is adopted for tracing faulty components that are overheating.

An alternative test method is to spray suspected faulty components until a good level of frost has been formed. The component which "defrosts" the most rapidly is the component which is overheating or faulty. If it is necessary to cool a component for any length of time, a piece of plastic foam should be wrapped around the component and then saturated with Freezer. If the foam is periodically re-saturated the temperature of the component may be held below 0°C as long as required. Fractured copper tracks on PCBs can be located by spraying over the suspect area and the fracture will appear as the copper tracks contract and part.

