



## Description

This is a product designed for the rapid and safe cooling of small components, particularly in electrical and electronic equipment. Contains non-flammable and non-corrosive refrigerant; which rapidly cools down to below -50°C. Contains extension tube which aids access to concealed components.

## Typical Properties

Form	: Colourless Gas
Density (g/ml)	: 1.17
Flashpoint (°C)	: None
Boiling Point	: -19°C
Ozone Depleting Potential	: Zero
GWP (vs. CO <sub>2</sub> , 100yr ITH)	: 6
Packaging	: 400ml Aerosol

## Directions for Use

When the equipment is switched on, spray 'dry' joints in the circuit with the end of the extension tube approximately 2.5cm from the joint. Continue spraying for a few seconds until a layer of 'frost' appears on the joint. The fault condition will disappear when the 'dry' joint is frozen but will return as the temperature of the joint returns to normal ambient.

The component which 'defrosts' the most rapidly is the component which is overheating or faulty. If a component needs to be cooled for a length of time, plastic foam should be wrapped around the component and saturated with the product. If the foam is periodically re-saturated the temperature of the component may be held below 0°C as long as required.

To determine fractured copper tracks on PCBs, spray over the suspected area and the fracture will appear as the copper tracks contract and part.

## Part Number Table

Description	Part Number
400ml HFO Freezer Spray	MC002009

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