



Product information

FREEZE SPRAY

FREEZES PARTS INSTANTLY

Bardahl Freeze Spray is a rapidly evaporating propellant mixture for reducing surface temperatures. It will freeze small parts in seconds to -45°C , excellent for shrink-fitting bushings, pins, shafts and for electronic trouble shooting.

The problem

Defects in electrical circuitry such as overheating and similar faults are in many cases difficult to locate. **Bardahl Freeze Spray** will localize these defects easily. Sometimes it is necessary to cool soldered joint connections as quickly as possible.

The working

Bardahl Freeze Spray is also developed for shrink-fits and it will accelerate the production of Freeze-cutting in micro-technology.

Further use can be found as a highly effective chewing gum remover.

For: automotive, aircraft precision tooling, machinery assembly lines, etc.

Bardahl Freeze Spray can also be used to cool down motorparts to simulate a cold start. It is most effective to test fuel-injection systems, and temperature-sensors.

For: motor vehicles, ships, machines, etc.

Bardahl Freeze Spray will accelerate the cooling of soldered joint connections. It can also be used to freeze water in small bore pipes to effect a repair avoiding the necessity of system drainage.

For: hospitals, laboratories and electronic industry.

Bardahl Freeze Spray rapidly reduces the temperature of electrical components such as semi-conductors, resistances and capacitors.

For: radio, tv, cd-players, computers, office-machines and many other electrical instruments.

The product will evaporate completely, therefore no cleaning needed. It will not burn or support combustion.

Directions for use

For chewing gum removal,

Apply to gum until frozen, then pull or chip away. Spray directly on the affected component using the extension tube.

Mechanical Assembly.

(Machine shops, Machinery assembly lines, Automotive, Aircraft precision tooling.)

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Spray for several seconds to metal parts up to 25mm diameter to reduce dimensions and facilitate shrink fits. By cooling and shrinking one part of an assembly, it may not be necessary to heat other part to accomplish differential needed. Thus dangerous heating or open flames are eliminated. Measure dimensions while cold before assembly to be certain desired clearances will be obtained. Spray part again to recool and assemble quickly before part can warm up. DO NOT attempt trial assemble which may cause interference fit to occur before final assembly position is reached.

Electronic Trouble Shooting.

(Computers, TV, Radio, Communications, Instruments, Office machines, Phonographs.)

Allow circuit to warm- up until trouble occurs. Spray each suspected component for 3 seconds, holding nozzle 4 (106mm) away. An extension tube is provided for hard to reach components. When faulty component is cooled, circuit will perform intermittently. Repeat test several times to verify, change faulty component and retest.

Medical Cryostats

(Hospitals, Laboratories, Clinics)

Mount fresh tissue on specimen holder. Apply Freeze Spray. In seconds the tissue is frozen, ready for sectioning.

Article number	79500
Content	400 ml