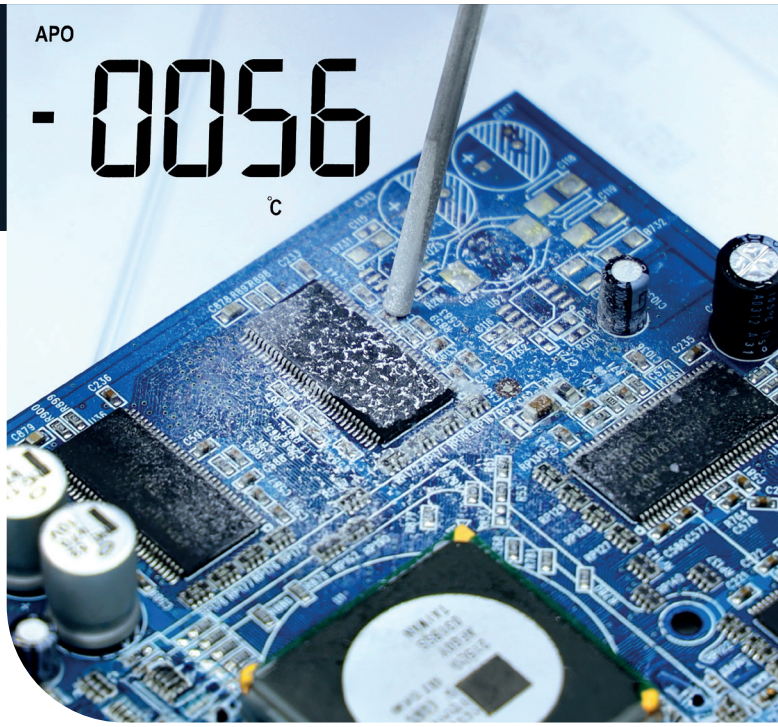
TermoPasty®

TECHNICAL DATA SHEET

Freeze



Reliable tool for rapid cooling of electronic components and precise diagnostics. This product enables quick, localized temperature reduction down to -55°C, allowing for the detection of microcracks, "cold solder joints," and testing of thermal components. The freeze spray is chemically pure, non-toxic, and safe for most materials, making it an ideal solution for a wide range of applications.

Product features:

- rapid cooling to -55°C,
- non-toxic and material-safe,
- safe for plastics,
- chemically pure,
- leaves no residue after use,
- 360° valve for easy application.

Application:

- detection of "cold solder joints" and microcracks,
- testing of thermostats, thermistors, and varistors,
- testing components operating at varying temperatures,
- thermal removal of pins and bushings,
- maintenance of mechanical systems,
- audio and video equipment maintenance,
- removal of chewing gum from fabrics.

Physicochemical properties	
Appearance	Colorless gas
Odour	No unpleasant smell
Density at 15°C	0.57 g/cm ^{3}
Melting point	-187.62°C (propane), -138.3°C (butane)
Flash point	-95°C (propane), -60°C (butane)
Boiling point	-42.1°C (propane), -1°C (butane)
Autoignition temperature	470°C (propane), 365°C (butane)
Flammability	Extremely flammable gas
Vapor pressure	2.7-4.0 bar
Relative vapor pressure at 20°	351 kPa
Vapor density relative to air	Heavier than air
Water content	None
Solubility in water	Insoluble
Solubility in ethanol and diethyl ether	Soluble
Total sulfur content	<0.25 mg/kg
Shelf life	3 years

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Compatibility:

The Freeze is safe for use on most materials, including electronic circuits and precision mechanisms. Its chemical purity ensures no residue after use, minimizing the risk of damage or undesirable aesthetic changes.

Application method	
Aerosol	Yes

Usage instructions:

Restricted to professional users. Read safety data sheet carefully prior to use.

Direct the nozzle toward the component you wish to cool. Apply the product directly to the selected area (the included tube can be used for precision). The 360° valve allows you to apply the product even in hard-to-reach areas, facilitating precise diagnostics. Allow the cooled component to return to room temperature before resuming work.

Package	
Aerosol	300 ml (ART.AGT-020) - 12 pcs.* 600 ml (ART.AGT-129) - 12 pcs.*

*Quantity of pcs. in a bulk packag