

Freeze

Formulation intended for the detection of defects by thermal method. The agent causes rapid cooling to -55°C and allows local cooling of components, thereby proving to be ideal for cold joint and hairline cracks inspection in printed circuit boards. The product is chemically pure, non-toxic and inert to most materials.

Physicochemical properties	
Density at 20° C	0,57 g/cm ³
Appearance	Colourless gas
Water	Does not contain
Odour	No unpleasant odour
Relative vapour pressure at 20°C	351 kPa
Melting point	-187.6° C (propane), -138.3° C (butane)
Boiling point temperature	-42.1° C (propane), -1° C (butane)
Flash point	-95° C (propane), -60° C (butane)
Total sulphur content	< 0.25 mg/kg
Flammability	Extremely flammable gas
Vapours pressure	2.7-4.0 bar
Vapour density relative to air	Heavier-than-air gas
Solubility in water	Insoluble
Solubility in organic solvents	Soluble in ethanol and ethyl ether
Autoignition temperature	470° C (propane), 365° C (butane)

Application:

- identification of damaged components,
- for thermostat / thermistor/ varistor testing,
- for testing elements that operate at variable temperatures,
- pressing pins and bushings by thermal method,
- audio, video,
- can be used for the removal of chewing gum from fabric or carpet.

Packagings:

Volume	Type of packaging	Collective packaging	Item Code
300 ml	aerosol	12	ART.AGT-020
600 ml	aerosol	12	ART.AGT-129

Warehousing:

Store in a well-ventilated, cool place. Keep away from children. Protect from sunlight and temperature above 50° C. Use proper ventilation on the premises. Avoid sources of ignition, heat, hot surfaces and open flames. Do not spray over open flames or any incandescent material. Keep away from any heat and ignition sources.