

Leak tester

Unique, odorless water-based agent, free from hazardous solvents, silicones, and oils. Ensures safe and effective leak detection. The product reveals even the smallest gas or air leaks, working efficiently even at low pressure. The product meets the requirements of DIN EN 14291, guaranteeing top quality and compliance with international standards.

Product features:

- ✔ fast and precise leak detection,
- ✔ excellent adhesion at low pressure,
- ✔ water-based formula free from harmful solvents,
- ✔ easy foam removal with water,
- ✔ complies with DIN EN 14291 standard,
- ✔ 360° valve for easy application.

Applications:

- ✔ gas installations,
- ✔ heating systems,
- ✔ welding,
- ✔ vehicles.



Physicochemical properties

Appearance	White foam
Odor	No unpleasant odor
Density at 20°C	0.99 g/cm ³
pH	6-8
Solubility in water	Dissolves
Shelf life	3 years

Compatibility:

The Leak Tester is chemically neutral and safe for most materials, making it suitable for use on both metal and plastic components. Its water-based formula leaves no residue, ensuring safety for both the user and the equipment.

Application method	
Foam in aerosol	Yes

Usage instructions:

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

Shake the container before use. Spray the tester on the connection you want to check for leaks, holding the container in any position thanks to the 360° valve. Observe whether bubbles appear on the surface, which indicates a leak. After use, rinse copper and plastic installations with water to remove any remaining product.

Certificate DVGW CERT DG-51 70CS0118		
Parameter	Required result	Test results
Surface tension	≤30 mN/m	27 mN/m
Foam stability	≥50%	68%
Corrosion on steel	≤20 mg	1.7 mg
Halogen content (Cl ⁺)	≤200 mg/l	Imperceptible
Halogen content (Cl ⁻)	≤200 mg/l	5.8 mg/l
Sulfate content (SO ₄ ²⁻)	≤1000 mg/l	Imperceptible
Container corrosion	None	None
pH	6-8	6.0
Compatibility with non-drying sealing materials and lubricants	Compatible	Compatible
Flash point	>55°C	>55°C
Propellant gas	-	Propanediol / Propylene glycol
Flammable components	None	None
Freezing point	≤-15°C	-28°C

Technical test information for the product with code: 5170

Test standard	DIN EN 14291 „Foam solutions for detecting leaks in gas installations’ (February) 2005)
Measurement tools used	Tensiometer IIG/3202 Stopwatch IIG/2604 Analytical balance IIG/2801 Freezing point thermometer IIG/3450 Analyzer pH IIG/6801 Flash point tester IIG/3501 Gas chromatography analyzer Ion chromatography analyzer
Test equipment used	Thermostat: IIG/6219, IIG/6232 Heating cabinet: IIG/6227 Ultrasonic bath: IIG/6605

Package	
Aerosol	400 ml (ART.AGT-133) - 12 pcs.*

*Quantity of pcs. in a bulk package.

Storage:

Store in closed containers, in dry, well-ventilated areas away from sources of heat and ignition as well as direct sunlight. Do not expose to temperatures exceeding 50°C/122°F. Protect against electrostatic discharges.

Technical support:

AG TermoPasty provides technical support, answering questions about the technical specifications and applications of our products. Please contact us via email at info@termopasty.pl.

Note:

The data presented in this document reflect our current state of knowledge and describe the typical properties and applications of the product. However, the responsibility for determining the suitability of this product for specific applications lies with the user. AG TermoPasty is not liable for the results of the product's use, as the conditions of its application are beyond our control.

