

Product Technical Data Sheet

Leak tester

Unique, odourless water-based agent, free of hazardous solvents, silicones and oils. Discloses any leakage of gas or air even under very low pressure. It is used in the gas, heating, automotive, welding etc. industries. It has a special 360° valve that allows it to be used in any position, even upside down.

Product in accordance with DIN EN 14291.

Application:

application in the gas industry,
heating industry,
automotive industry,
welding industry.

Physicochemical properties of the liquid:

Parameters	UoM	Result
Appearance	-	foam
pH	-	7 - 8
Density	g/cm ³	0,99
Solubility in water	-	soluble

Packagings:

Volume	Type of packaging	Collective packaging	Item Code
400 ml	aerosol	12	ART.AGT-133

Warehousing:

Store in a well-ventilated, cool place. Keep away from children. Protect from sunlight and do not expose to temperatures exceeding 50°C. Always store in original packaging. Do not use contaminated, empty packaging for other purposes.

Data contained in this document are consistent with the current state of our knowledge. They describe typical product properties and applications. However, it is up to the user to examine the suitability of this product for specific applications. We deny liability for the obtained results on the grounds that application conditions lie beyond our control.

DVGW CERT DG-5170CS0118

No.	Property	Unit	Requirement	Test result
1	Surface tension	mN/m	≤ 30	27
2	Foam stability	%	≥ 50	68
3	Corrosiveness			
	Corrosion attack on steel	mg	≤ 20	1,7
	Halogens (Cl ⁻)	mg/l	≤ 200	not detectable
	Halogens (Cl ⁻)	mg/l	≤ 200	5,8
	Sulphates (SO ₄ ²⁻)	mg/l	≤ 1000	not detectable
	Corrosion attack on the containers	-	none	none
	pH-value	-	6 to 8	6,0
4	Compatibility			
	with non-hardening sealing materials and lubricants	-	compatible	compatible
5	Flammability			
	Flash point	°C	> 55	> 55
	propellant, flammable components	-	none	Propandio/ Propylenglykol, none
6	Freezing point	°C	≤ -15	-28

Code no.: 5170			
Test Standard:	DIN EN 14291 „Foam producing solutions for leak detection on gas installations” (February 2005)		
Used measuring tools:	Tensiometer	IIG/3202	
	Stopwatch	IIG/2604	
	Analytical balance	IIG/2801	
	Freezing point thermometer	IIG/3450	
	pH-analyser	IIG/6801	
	Flash point tester	IIG/3501	
	Gas chromatography analyser		
	Ionic chromatography analyser		
Used testing equipment:	Thermostat	IIG/6219	IIG/6232
	Warming cupboard	IIG/6227	
	Ultrasonics bath	IIG/6605	