



# CGM CIGIEMME S.p.A.

Controlli Non Distruttivi - Non Destructive Testing



**Product Code**  
02098120

**Ref. no.**  
S45

**Product Data  
Sheet**

## SCHIUMVEL

### PRODUCT DESCRIPTION

Water-based foaming concentrate for leak testing  
– pressure method.

### COMPOSITION

Mixture of water and surfactants.

**N.B.:** Like all CGM products, Schiumvel is tightly controlled to ensure batch uniformity, optimal process verification and control reliability..

It is ideal for:

- Pipe joints.
- Connections and fittings.
- Brazing or welding.
- Shut-off valves.
- Flexible hoses.
- Tanks.
- Reservoirs.
- Pressure vessels.

### SPECIFICATIONS

- Easy to use.
- Free from silicones, oils, fats, aliphatic amines, and other nitrogen compounds.
- Excellent foam generation capability.
- Excellent detection of both large and small leaks.
- Prolonged bubble action works even on very small leaks and vertical surfaces.

### PACKAGING TYPE

- 10 L cans

### APPLICABILITY

It can be applied by jet, spray, brush, pad, or by immersion after diluting 1 part of Schiumvel in 1 or 2 parts of water.

### INSTRUCTIONS FOR USE

- Dilute the product as needed: the smaller the leaks to be detected, the higher the concentration should be.
- Apply a thin layer of Schiumvel on the outer surface of the part to be inspected.
- Then, it will be sufficient to introduce compressed air at 0.5-1 atm into the cavity of the part under inspection. In the event of a leak, it will cause the formation of large groups of foam bubbles at large leak points or white foam at very fine leak points.
- It is not necessary to remove Schiumvel after the inspection.



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Via Adda, 21 - 20073 Opera (MI) Italy - Tel.: +39 02 57.600.400 - Fax: +39 02 57.603.618

Web: [www.cgm-cigiemme.com](http://www.cgm-cigiemme.com) - Mail: [cgm@cgm-cigiemme.it](mailto:cgm@cgm-cigiemme.it)

N. Registro Imprese, C.F. e P.I.: 05732470967 - N. REA: Mi -1843908 - Capitale Sociale: EURO 500.000.00 I.V.

Informativa ex art. 13 D.Lgs 196/2003 e art. 13 del Reg. UE 2016/679 disponibile sul sito [www.cgm-cigiemme.com](http://www.cgm-cigiemme.com), sezione "privacy policy"





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## PROPERTIES

		Reference Standard
Shape and colour	Colorless transparent liquid	
Odour	Odourless	
Density at 20°C	≈1,0 g/cm <sup>3</sup>	EN ISO 2811-1
pH	≈8	EN ISO 4316
Flash point	Non-flammable	
Solubility	Water	

Typical values.

## RECOMMENDATIONS FOR THE USER

NDT method	Leak Testing
Shelf life	3 years at a temperature between 5°C and 45°C
Usage temperature	From 4°C to 52°C
Dilution	30-50%
Preliminary cleaning	Velnet/Solnet

## COMPLIANCE WITH STANDARDS

- ASME Sec. V Art. 10 – Appendix I-II
- EPA Part 60, Appendix A, Method 21, Sect. 4.3.3

- Effective at both high and low temperatures.
- Dries cleanly and without staining.

## BENEFITS

- Long-lasting bubbles, thanks to high viscosity.

## HEALTH AND SAFETY

Read all health and safety information before using this product. This information can be found in the Safety Data Sheet, available on request.

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