

TUBULAR GLASS
BY 

VG EMBALLAGE



VG Emballage offers a wide range of type 1 tubular glass thanks to a new production unit dedicated to this kind of item

NEW AND HIGH PERFORMANCE INDUSTRIAL FACILITIES

- **A new industrial site on a 40 acres land**
- **A center of excellence for tubular Type 1 glass**
- **Advanced technologies equipments:**
 - 6 SPAMI machines for vials
 - 9 OCMI machines for vials
 - 2 OCMI machines for ampoules
 - 0.5 Millions pieces per day capability



a state of the art renowned plant recognized for its **quality** its **flexibility** and its **competitiveness**

OVERVIEW OF THE RANGE

Vials

FROM 2R TO 30R THE RANGE OF TUBULAR VIALS MEETS THE ISO8362-1 STANDARD

4 standard diameters: 16mm, 22mm, 24mm and 30mm



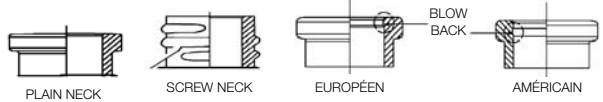
Size	Capacity (ml)		Dimensions (mm)			
Vial	Nominal capacity	Brimful capacity	Diameters (vials)	Thickness	Total height	Mouth
2R	3,40	4,00	16,00	1,00	35,00	13,00
4R	4,80	6,00	16,00	1,00	45,00	13,00
6R	8,30	10,00	22,00	1,00	40,00	20,00
8R	9,80	11,00	22,00	1,00	45,00	20,00
10R	11,50	13,50	24,00	1,00	45,00	20,00
15R	17,30	19,00	24,00	1,00	60,00	20,00
20R	21,70	25,00	30,00	1,20	55,00	20,00
25R	27,00	30,00	30,00	1,20	65,00	20,00
30R	33,00	36,00	30,00	1,20	75,00	20,00

Couleurs :

□ White, ■ amber, ■ yellow (light amber)

VIALS CAN BE CUSTOMIZED ACCORDING TO CUSTOMERS DRAWING

- From 2ml to 100ml
- Maximum diameter = 42.5 mm
- Maximum height = 95 mm
- Crimp or screw necks
- Blow back (European and American)
- Flat bottom vials suitable for lyophilization process



Upon request

- On line sulphur coating
- Silk screening



Ampoules

We also offer ampoules from 1ml to 30ml.
Ask your sales representative for more details

Characteristics and assets of the tubular glass

Vials and ampoules are manufactured in Glass TYPE 1: Borosilicate neutral glass known as 5.0 expansion neutral glass.

In general suitable for all preparations whether or not for parental use, human blood and blood components

- **High level quality glass:**
 - High hydrolytic resistance due to the chemical composition of the glass itself
 - Dimensional consistency and high cosmetic quality
- **Glass with many assets:**
 - Vials are manufactured in compliance with US, EU and JP Pharmacopeia
 - Widely accepted by international markets and large pharmaceuticals groups
 - Readily available from the 5 major actors (Schott, NEG, Kimble, Nipro, Neubor)

The highest quality requirements for international customers

- **Very strict quality criteria and worldwide recognized certifications:**
 - Compliance with international pharmaceutical requirements
 - Compliance with SGD Pharma high quality standards
 - A Quality Assurance system compliant and certified as meeting the **ISO 15378 standard**. **ISO 15378 combines ISO 9001: 2008** and current Good manufacturing Practices (cGMP) applicable to the primary packing for pharmaceuticals
 - **DMF** Drug master File
 - Inspection in class 8, 100000 clean room
 - On line dimensional inspection
 - Cosmetic inspection upon request
- **Very good level of protection:**
 - Standardized or personalized packaging
 - The products are packed in corrugated trays and shrink packed
 - The clean packs are put on wooden pallets and protected by corner protectors, strapping and final shrink wrapping



Beauté



Pharmacie



Industrie

To see each item of the range, find the compatible accessories and view the detailed product sheets, please visit our website : www.vg-emballage.com.



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