



# TUBULAR VIALS AND AMPOULES





SGD Pharma is a global producer of molded and tubular glass for pharmaceutical primary packaging.

Building on over a century of expertise, we provide exceptional quality packaging solutions dedicated to parenteral, oral, and nasal products for every therapeutic application.

Our worldwide clients are supported by more than 90 agents and distributors and benefit from ongoing innovation at our five best-in-class ISO 15378 certified, GMP-compliant manufacturing plants, giving truly global supply chain infrastructure.

**SGD Pharma India** is part of SGD Pharma.

The products we offer include Type I neutral borosilicate glass primary packaging for pharmaceutical and biological companies.

Tubular packaging made of Type I glass compliant with USP, EP and JP requirements is manufactured and released in accordance with GMP standards. SGD Pharma India provides full regulatory support to facilitate pharmaceutical products registration.

Containers are delivered worldwide thanks to a strong supply chain organization, which guarantees delivery consistency as well as full traceability.

# STATE-OF-THE-ART FACILITY

## Best in class equipment

- Tubular containers conversion European machines
- Cosmetic inspection and dimensional control systems
- International level QC laboratory

## Compliance

- GMP standards state-of-the-art facility covered by DMF
- Certified according to ISO 15378
- Compliant with European and US Pharmacopoeias

## Quality to meet pharmaceutical requirements

- SGD Pharma India focuses on the processability of ampoules and vials for the benefit of its customers
- Packaging under ISO 8 clean rooms conditions

## International Quality Management

- Strict quality management system to ensure the highest quality level to our clients and patient safety
- SGD Pharma India adheres to the global guidelines & specifications of SGD Pharma



Explore  
the Vemula plant.

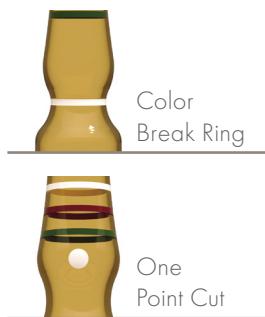


- Part of the SGD Pharma group
- Brand new facility
- Certified ISO 15378
- Dedicated to Parenteral products offering molded and tubular containers in Type I glass
- International quality level
- ISO 8 clean room environment
- Packaging under clean room conditions



# USING THE BEST RAW MATERIALS AND WORLD-CLASS TECHNOLOGY

SGD Pharma India tubular vials and ampoules are made of neutral Borosilicate glass from the 5.0 expansion coefficient family. The tubes used by SGD Pharma India are supplied by globally renowned tubing manufacturers (Schott, NEG, Corning, Nipro) as per the specifications of our clients.



- Wide variety as per ISO 9187
- Custom-made design as per customer's request
- Optional ring coding
- Optional printing
- Narrow dimensional accuracy monitored by on-line camera inspection
- Optional cosmetic flaws inspection with high-level camera system
- Hydrolytic Resistance compliant with Pharmacopoeia to minimize the interaction between the drug and the inner surface of the ampoule

Reference	Volume to centre of constriction (ml)	Height of constriction (mm)	Height of body (mm)	Body diameter (mm)	Clear glass	Amber glass
1 ml	1.5	25.5	21.0	10.75	○	○
2 ml	2.3	37.5	33.0	10.75	○	○
3 ml	3.5	39.5	35.0	12.75	○	○
5 ml	5.5	46.5	41.0	14.75	○	○
10 ml	11.5	62.0	55.0	17.75	○	○
20 ml	23.5	76.0	65.0	22.5	○	○
25 ml	28.5	91.0	80.0	22.5	○	○
30 ml	33.5	106.0	95.0	22.5	○	○

○ Item available upon production, receipt of order, subject to minimum quantities

For more information, please contact your local representative



- Custom-made design as per customer's request
- Blowback (EU and US designs)
- Bottom optimization for lyophilization process
- Crimp neck and screw neck finishes Insulin vials
- Optional on-line sulphur coating for specific requirements
- Narrow dimensional accuracy monitored by on-line camera inspection

- Optional cosmetic flaws inspection with high-level camera system
- Hydrolytic Resistance compliant with Pharmacopoeias to minimize interaction between the drug and the inner surface of the vial

Ref	ml	ml	mm	mm	mm	mm	Type I	Type I
2R	3.4	4.0	1.0	13 mm	35.0	16.0	○	○
4R	4.8	6.0	1.0	13 mm	45.0	16.0	○	○

Ref	ml	ml	mm	mm	mm	mm	Type I	Type I
6R	8.3	10.0	1.0	20.0 mm	40.0	22.0	○	○
8R	9.8	11.0	1.0	20.0 mm	45.0	22.0	○	○
10R	11.5	13.5	1.0	20.0 mm	45.0	24.0	○	○
15R	17.3	19.0	1.0	20.0 mm	60.0	24.0	○	○
20R	21.7	26.0	1.2	20.0 mm	55.0	30.0	○	○
25R	27.0	32.5	1.2	20.0 mm	75.0	30.0	○	○
30R	33.0	37.5	1.2	20.0 mm	75.0	30.0	○	○
50R	49.0	62.0	1.5	20.0 mm	73.0	40.0	○	○
100R	75.0	123.0	1.7	20.0 mm	100.0	47.0	○	○

○ Item available upon production, receipt of order, subject to minimum quantities

For more information, please contact your local representative

# WHEREVER YOU NEED US

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