

US DMF

Canadian DMF

China DMF

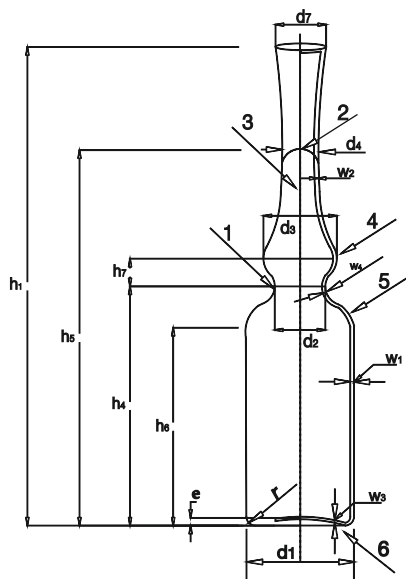
ISO 15378 Certified

ISO 9001:2015

BOROSIL
KLASSPACK[®]
pharmaceutical packaging



Form B : Stem, cut ampoule with constriction



KEY

- | | | |
|-------------------|--------------------|--------------------|
| 1 = Constriction | 4 = Bulb | h = Height |
| 2 = Sealing Point | 5 = Shoulder | d = Diameter |
| 3 = Stem | 6 = Base or Bottom | w = Wall Thickness |

- Colour
 - Clear
 - Amber
- Type of finish
 - Form B : Cut & Glaze
 - Form C : Flame Cut
 - Form D : Dome
 - Double point Ampoules
- Types of Constriction
 - Conventional
 - Colour Break
 - OPC
 - Score Break
- Add ons
 - Ceramic printing
 - ID band : Upto Three ID bands
- USP Type I, Clear and Amber Glass Ampoules
- 1ml to 50 ml Nominal Volumes
- Installed capacity of over 810 million Ampoules per annum
- Special treatment for pH sensitive products
- **Extractable report as per USP 232 & 233**
- **De-lamination report as per USP 1660**

Dimensions of Ampoule

Nominal Volume	Diameters			Heights			Wall Thickness		Volume to center of constriction / ml		
	Body diameter d1	Constriction diameter d2	Stem diameter d4	Total height h1	Height to gauging point h5	Body height h6	Glass thickness of body w1				
							tol	± 0.5		tol	± 1.0
1ml	10.75	± 0.15	6.5	6	± 0.35	60	47	21	0.50	± 0.03	1.5
2ml						72	57	33			2.3
3ml	12.75	± 0.15	6.5	6	± 0.35	75	62	35			3.5
5ml	14.75	± 0.15	7	7.0	± 0.35	83	68	41	0.55	± 0.03	5.5
10ml	17.75	± 0.20	7.5	7.1	± 0.35	102	87	55	0.60	± 0.04	11.5
20ml	22.50	± 0.25	8.5	7.8	± 0.50	113	100	65	0.70	± 0.04	23.5
25ml						128	115	80			28.5
30ml						143	130	95			33.5

All dimensions are in "mm" unless specified.