

◆ 玻璃成分 Glass Composition

(approximate oxide weight (%))

Oxide Component	Symbol	JHHB-50
二氧化硅 Silicon Dioxide	SiO ₂	73.5
氧化硼 Boron Oxide	B ₂ O ₃	10.6
三氧化二铝 Aluminium Oxide	Al ₂ O ₃	6
氧化钙 Calcium Oxide	CaO	1.2
氧化钠 Sodium Oxide	Na ₂ O	7
氧化钾 Potassium Oxide	K ₂ O	0.6
氧化钡 Barium Oxide	BaO	0.8
氧化铁 Iron Oxide	Fe ₂ O ₃	< 400 ppm

◆ 物理性能 Physical Properties

Name	Unit	JHHB-50
平均线性膨胀系数 Average Linear T.E.C.	10 ⁻⁷ K ⁻¹	50
密度 Density	g cm ⁻³	2.33
折射率 Relative Refractive Index	n _d (λ=587.6nm)	1.49

◆ 化学稳定性 Chemical Resistance Classifications

Resistance Class	Specification	JHHB-50
颗粒耐水 Hydrolytic Resistance (Glass Grain)	EP (3.2.1B) / USP <660>	Type I
颗粒耐水 Hydrolytic Resistance (Glass Grain)	ISO 720	HGA1
耐酸 Acid Resistance Class	DIN 12116	Class S1
耐碱 Alkali Resistance Class	ISO 695	Class A2

◆ 粘度特征温度 Viscosity Curve-Characteristic Temperatures

Name	Viscosity[Poise]	JHHB-50
工作点 Working Point	10 4.0	1146°C
软化点 Softening Point	10 7.6	787°C
退火点 Annealing Point	10 13.0	565°C
应变点 Strain Point	10 14.5	537°C

质量检测 and 包装 Quality Inspection & Packaging

◆ 全自动质量检测系统 Automation System Applied for Quality Inspection

直径检测装置

外径测量精度度: 小于±0.01mm

Diameter Gauge Device

Measurement Accuracy-

External Diameter: better than ±0.01mm

厚度检测

壁厚测量精度度: 小于±0.005mm

Thickness Gauge Device

Measurement Accuracy-

Wall Thickness better than ±0.005mm

物理缺陷探测

测量精度度:

尺寸误差: 低至0.025mm

长度误差: 低至0.5mm

Optical Device for Physical Defects Detection

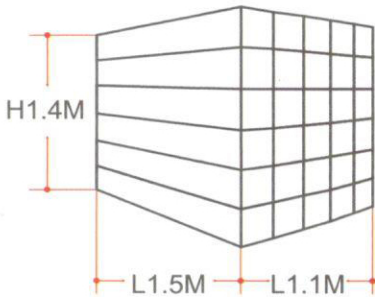
Measurement Accuracy-

Defect Size: down to 0.025mm

Defect Length: down to 0.5mm

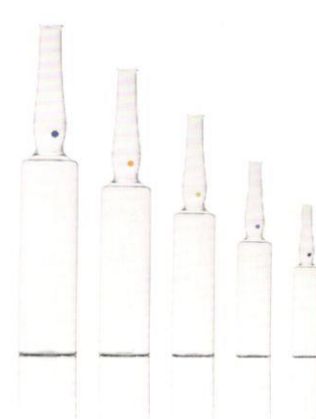


◆ 带标签标准包装 (塑封加托盘) Standard Packaging (Bundle and Pallet) with Label



◆ 安瓿瓶管 Ampoules-JHHB-50

直径范围 OD Range (mm)	壁厚范围 WT Range (mm)	直径公差 OD Tol. (mm)	壁厚公差 WT Tol. (mm)
9.0 - 14.9	0.40 - 0.55	0.12	0.02
	0.60 - 0.75	0.12	0.03
15.0 - 17.9	0.45 - 0.60	0.14	0.03
	0.65 - 0.75	0.14	0.03
18.0 - 19.9	0.55 - 0.60	0.14	0.03
	0.65 - 0.75	0.18	0.03
20.0 - 24.9	0.65 - 0.80	0.19	0.04



◆ 西林瓶管 Vials-JHHB-50

直径范围 OD Range (mm)	壁厚范围 WT Range (mm)	直径公差 OD Tol. (mm)	壁厚公差 WT Tol. (mm)
9.0 - 14.9	0.60 - 0.95	0.12	0.03
	1.00 - 1.15	0.14	0.03
	1.20 - 1.35	0.15	0.04
15.0 - 17.9	0.70 - 0.80	0.14	0.03
	0.85 - 1.05	0.14	0.04
	1.10 - 1.35	0.18	0.04
18.0 - 19.9	0.70 - 0.95	0.18	0.03
	1.00 - 1.35	0.19	0.04
20.0 - 24.9	0.70 - 1.05	0.19	0.04
	1.10 - 1.35	0.19	0.05
25.0 - 30.9	0.75 - 1.05	0.19	0.04
	1.10 - 1.35	0.20	0.05
	1.40 - 1.60	0.24	0.05
31.0 - 34.9	1.00 - 1.35	0.24	0.05
	1.40 - 1.60	0.29	0.06

