

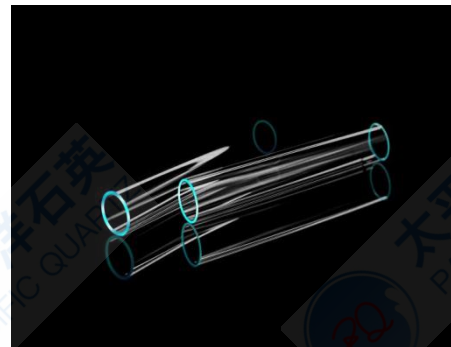


High Deep cut off UV block Quartz tube

I.Application

Outer tube for automotive lamps and other U

V-resistant quartz materials



II.Product Feature

Cerium-doped quartz glass absorbs all UV-B

and C, and its softening point is about 50°C lower than that of conventional transparent quartz glass. Low OH, extreme appearance, and dimensional tolerances

can meet quartz materials that used in high-end UV protection;

III.Product Type

PQ 323,High Deep cut off UV block Quartz tube

IV. Typical Size

Unit:mm

OD Range	OD Tolerance	Wall Thickness	WT Tolerance	Out of Round	Siding	Bow
$3 < \Phi \leq 10$	± 0.1	1 ~ 2.0	$\pm 15\%$	2%	12%	0.15%
$10 < \Phi \leq 20$	± 0.2	1 ~ 2.5	$\pm 15\%$	1.25%	12%	0.15%
$20 < \Phi \leq 30$	± 0.25	1.5 ~ 3.0	$\pm 15\%$	1.25%	12%	0.15%

Remark: Customized size is available

V. Physical & Chemical Properties

i. Mechanical & Thermal Properties

Density	Thermal	Softening	Annealing	Strain Point
(20°Ckg/m ³)	Expansion	Point (°C)	Point	(°C)



	(200-300°C°C ⁻¹)		(°C)	
2.1*10 ³	5.8*10 ⁻⁷	1620	1160	1060

ii.Impurity Value

Unit:ppm

Impurity	Na	K	Mg	Li	Ca	Fe	Al	Ti	Cu
Typical value	1.1	1.2	0.5	0.9	1.0	0.5	16.2	1.5	0.05

Remark: The figures above only indicate typical values, excluding doped elements.

iii.OH Content

Unit:ppm

Typical Value without Baking	After baking
130	< 2

IV.Optical Properties

