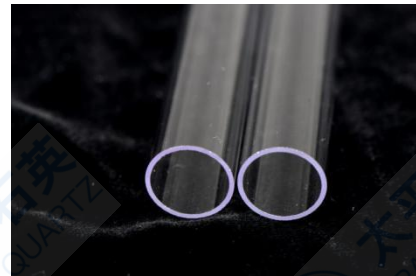


Standard Ozone Free Quartz Tube

I.Application

Germicidal lamp, Medium pressure mercury lamps for germicidal, water treatment and other UV-C lamps sleeve



II.Product Feature

A clear quartz glass tube doped with titanium, it can prevent heavy UV radiation and produce no ozone. It has extremely low OH levels and precise dimensional tolerances to ensure the lamp's long life.

III.Product Type

PQ221, Standard Ozone Free Quartz Tube

IV. Typical Size

Unit:mm

OD Range	OD Tolerance	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%
$30 < \Phi \leq 40$	± 0.35	1.5 ~ 4.0	$\pm 15\%$	1.25%	12%	0.15%
$40 < \Phi \leq 50$	± 0.2	2.0 ~ 4.0	$\pm 15\%$	1.25%	12%	0.15%
$50 < \Phi \leq 60$	± 0.5	2.5 ~ 5.0	$\pm 15\%$	1.25%	12%	0.15%
$60 < \Phi \leq 80$	± 0.7	3.0 ~ 5.5	$\pm 15\%$	1.25%	12%	0.15%
$80 < \Phi \leq 100$	± 0.8	3.0 ~ 10.0	$\pm 15\%$	1.25%	12%	0.15%



Remark: Customized size is available

V. Physical & Chemical Properties

i. Mechanical & Thermal Properties

Density (20°Ckg/m ³)	Thermal Expansion (200-300°C°C ⁻¹)	Softening Point (°C)	Annealing Point (°C)	Strain Point (°C)
2.1*10 ³	5.8*10 ⁻⁷	1630	1180	1070

ii.Impurity Value

Unit:ppm

Impurity	Na	K	Mg	Li	Ca	Fe	Al	Ti	Cu
Typical value	5.0	5.0	1.0	1.0	3.0	1.5	20	3.0	0.5

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

iii.OH Content

Unit:ppm

Typical Value without Baking	After baking
130	< 5, <10

iv.Optical Properties

