

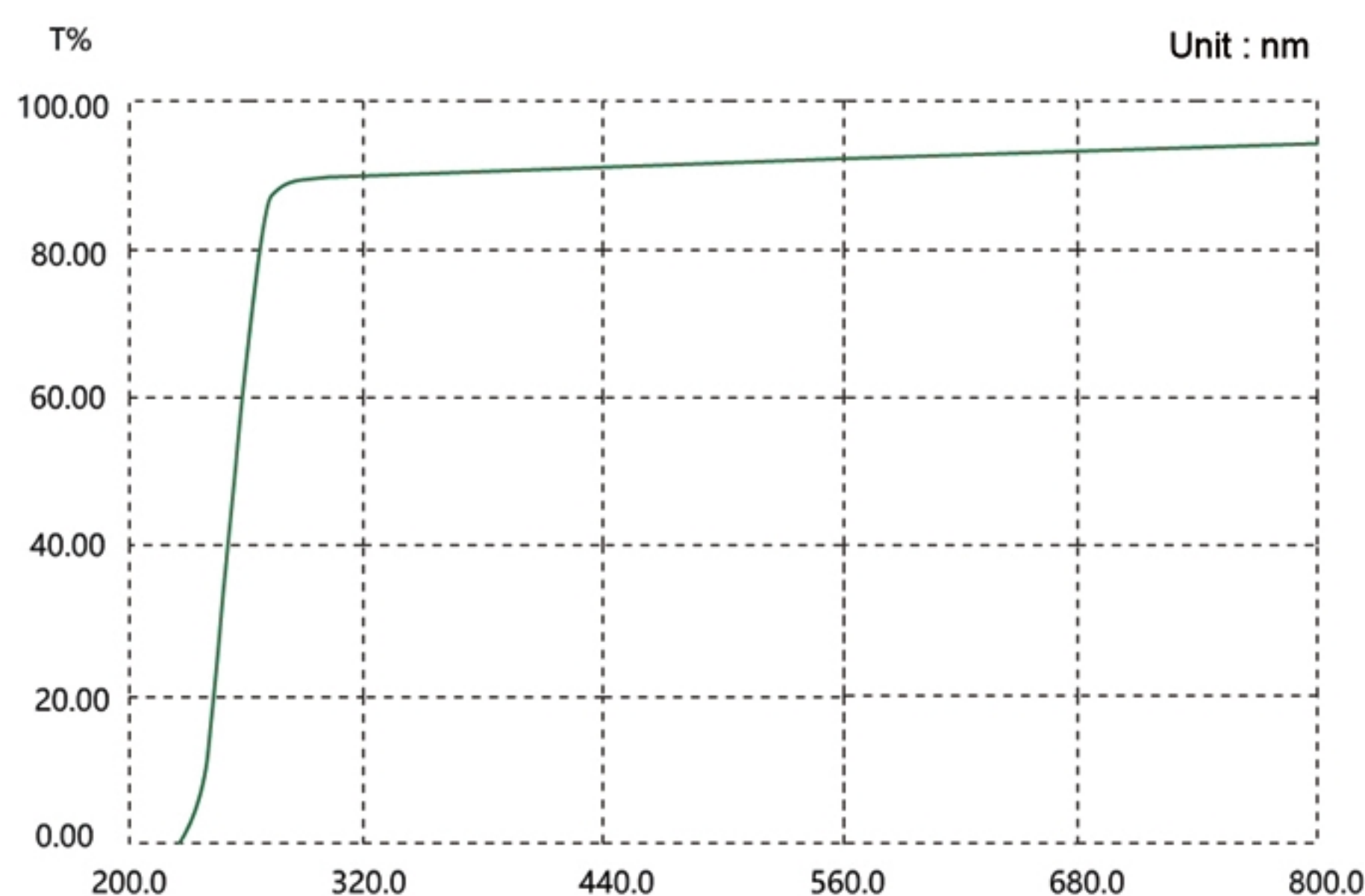
Ozone Free (OZF) Quartz Glass Tube

Titanium doped quartz glass tube, clear, cut surface slight purple. OD range: 2.2mm-80mm. The product blocks wavelength <220nm, while transmits over 87% in 253.7nm. It effectively blocks UV radiation less than 190nm and does not produce ozone. It is good for all kinds of germicidal lamps.

Different level of OH content is available upon request.

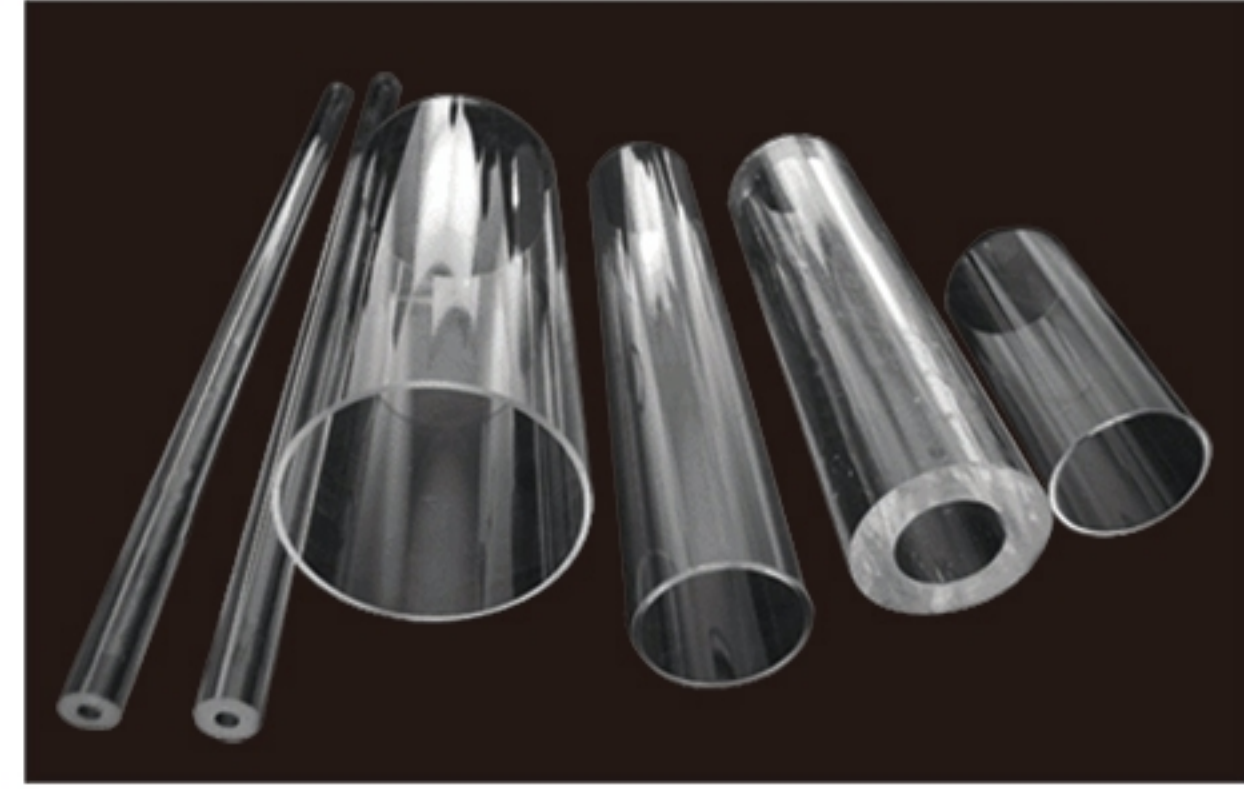


Name	Product ID	OH (ppm)	UV transmission(%)		Type comparison	Typical Application
			190nm	253.7nm		
Dehydroxyl	OZF500	≤15	—	≥87	baked,GE219,PH303,Ovisil471	Ozone free UV germicidal Lamps
	OZF501	≤5	—	≥87	GE291A,PH303ND,Ovisil472	
Low Dehydroxyl	OZF502	≤3	—	≥87	GE291A,PH303ED,Ovisil474	
	OZF503	≤1	—	≥87	GE291A,PH303SD	



Transmittance Rate: (Tested at 1.0mm Thickness)	190	253.7	312	312-800
Normal	40	87	91	91-92
Dehydroxyl	45	87	91	91-92
High Ozone	68	89	91	91-92
Ozone Free	0	87	91	91-92

Ozone Produce (OZP) Quartz Glass Tube

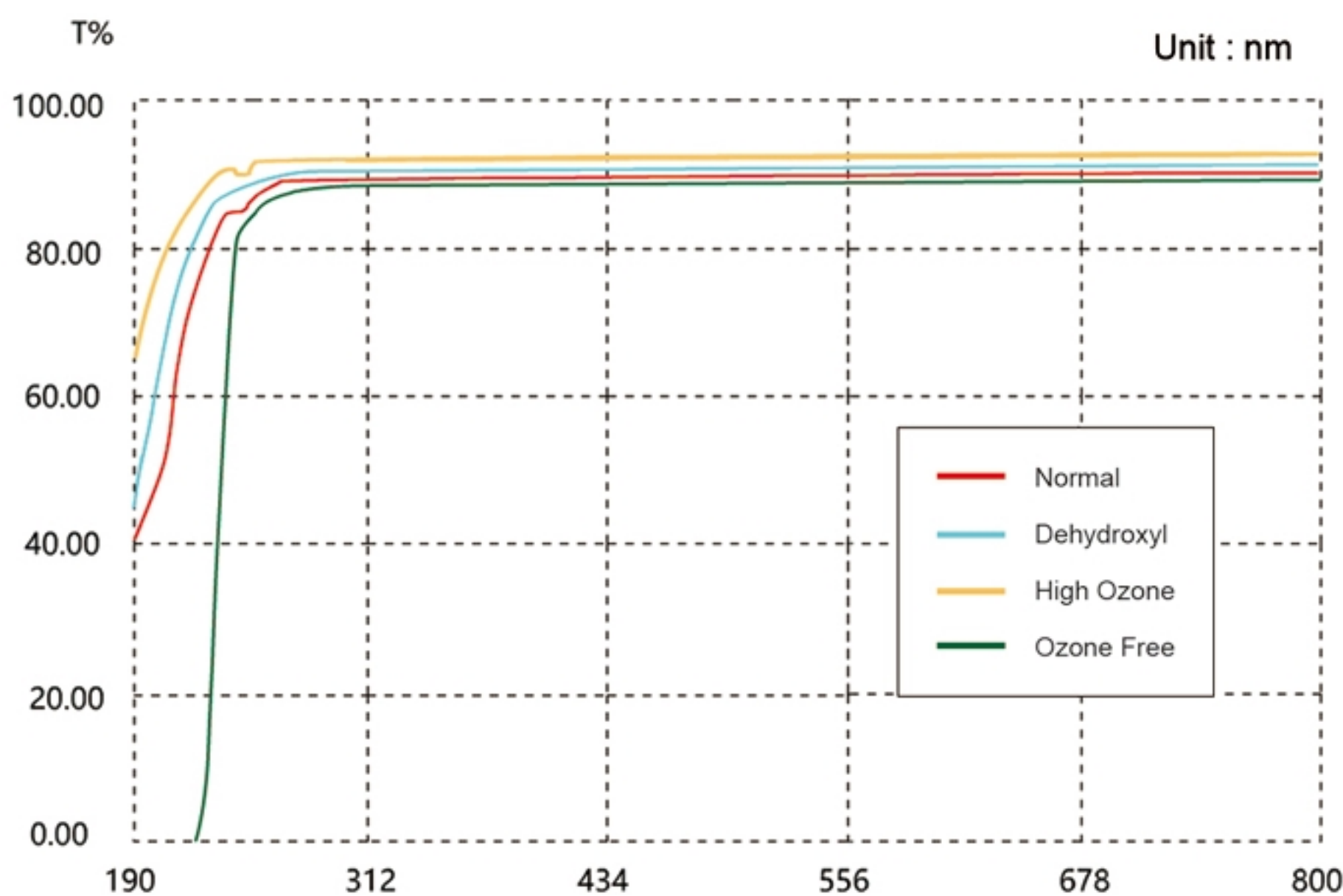


Normal and Dehydroxyl Quartz Glass Tube: OD range: 2.2mm-120mm, using high purity quartz sand with SiO₂ >99.95%, it has excellent physical and chemical performance, high thermo-stability, anticorrosive, high optical transmittance of over 90%.

High Ozone Quartz Glass Tube: OD range: 2.2mm-120mm, using high purity quartz sand with SiO₂ >99.98%, it has excellent physical and chemical performance, high thermo-stability, anticorrosive, high optical transmittance of over 90%. It can transmit over 67% at 185nm.

Different level of OH content is available upon request.

Name	ID	OH (ppm)	UV transmittance(%)		Type comparison	Typical Application
			190nm	253.7nm		
Normal	QT600	≤150	≥40	≥87	unbaked, GE214, PH300/308, Ovisil451	Ozone Germicidal Lamps
Dehydroxyl	QT601	≤50	≥40	≥87	baked, GE214, PH300/308, Ovisil451	
	QT602	≤20	≥40	≥87	baked, GE214, PH300/308, Ovisil452	Germicidal Lamps
	QT603	≤15	≥40	≥87		
	QT604	≤10	≥40	≥87	baked, GE214, PH300/308MD, Ovisil452	
High Ozone	QT610	≤150	≥68	≥89	GE214A, PH300/308, Ovisil451	High rate transmittance of high ozone germicidal lamps
	QT611	≤15	≥68	≥89		
	QT612	≤1	≥68	≥89	GE214A, PH300/308SD, Ovisil451	Low Hydroxyl of high ozone germicidal lamps



Transmittance Rate: (Tested at 1.0mm Thickness)	190	253.7	312	312-800
Normal	40	87	91	91-92
Dehydroxyl	45	87	91	91-92
High Ozone	68	89	91	91-92
Ozone Free	0	87	91	91-92