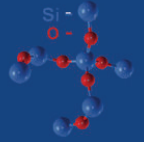
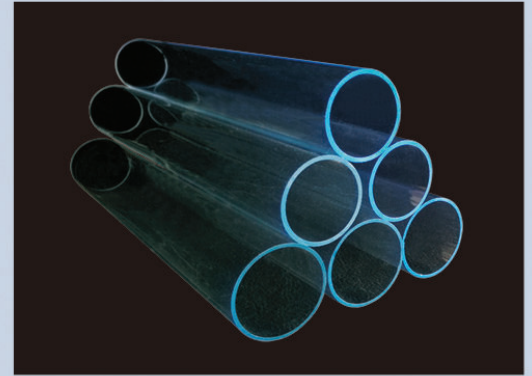




UV Blocking Quartz Glass Tube

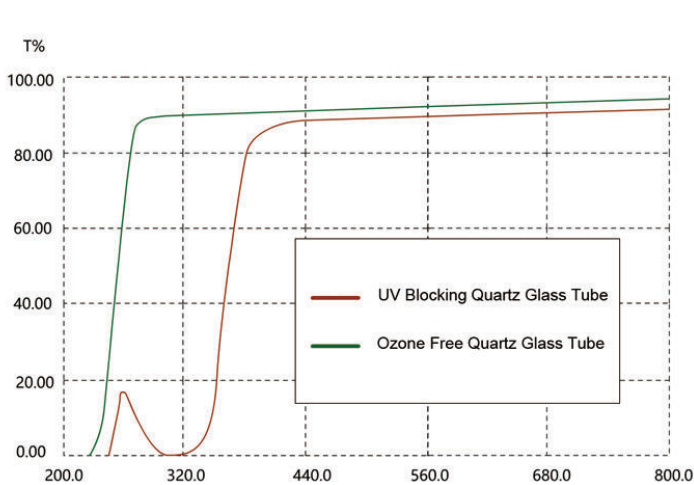


This cerium doped quartz glass tube can effectively block all radiation of UV-B and UV-C ultraviolet and most radiation of UV-A ultraviolet. It is the best material to block UV and has high transmission in visible light region. It can be used to make quartz halogen lamp, gas discharge lamp and other UV lamps, which will effectively protect human from being hurt by radiation of ultraviolet and maintain the best efficiency of visible light transmission.



UV blocking quartz glass tube: Dehydroxylation available upon customer request, OH content less than 70ppm, 20ppm, 10ppm or 5ppm.

| Name | Product ID | Glass Type | OH (ppm) | UV transmission(%) | | Type comparison | Typical Application |
|--------------|------------|------------|----------|--------------------|---------|-------------------------------|--|
| | | | | 190nm | 253.7nm | | |
| Normal | QT100 | EN09Ce UB | < 170 | - | ≤15 | unbaked,GE254,PH361,Ovisil481 | UV blocking applications including halogen and discharge lamps etc |
| | QT101 | EN07Ce UB | < 170 | - | ≤15 | | |
| Dehydroxyl | QT102 | EN09Ce NB | ≤70 | - | ≤15 | baked,GE254,PH361,Ovisil481 | UV blocking applications including halogen and discharge lamps etc |
| | QT103 | EN07Ce NB | ≤70 | - | ≤15 | | |
| Low hydroxyl | QT104 | EN07Ce EB | ≤20 | - | ≤20 | GE254A,PH361MD,Ovisil482 | UV blocking applications including halogen and discharge lamps etc |
| | QT105 | EN07Ce SB | ≤10 | - | ≤20 | | |
| | QT106 | PN07Ce SB | ≤5 | - | ≤20 | | |



Unit : nm

| | 220 | 253.7 | 320 | 416-800 |
|--|-----|-------|-----|---------|
| Transmittance Rate: (Tested at 1.0mm Thickness) | 220 | 253.7 | 320 | 416-800 |
| UV Blocking Quartz GlassTube | 0 | <20 | 0 | 90 |
| Transmittance Rate: (Tested at 1.0mm Thickness) | 220 | 253.7 | 320 | 320-800 |
| Ozone Free Quartz Glass Tube | 0 | >86 | 91 | 90 |

