

## Quartz Sleeves for UV disinfection

Quartz link is an **ISO 9001** certified producer supplies a wide variety of quartz products into a diverse set of industries.



**QL110H-S** is the improved Quartz Sleeves from Quartz Link with **enhanced UV transmission at 200nm and 254nm**, high purity and heat resistance.

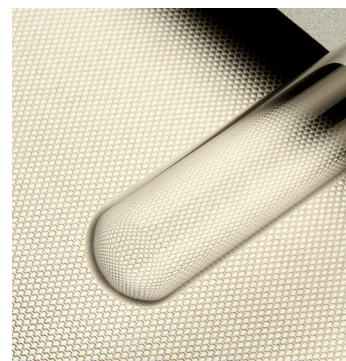
QL110H-S is used in water disinfection, air purification, wastewater treatment and surface disinfection systems.

The sleeve fits in different systems thanks to its big selection of ends finishes including fire polished, domed, flat closed, flared and beaded ends.

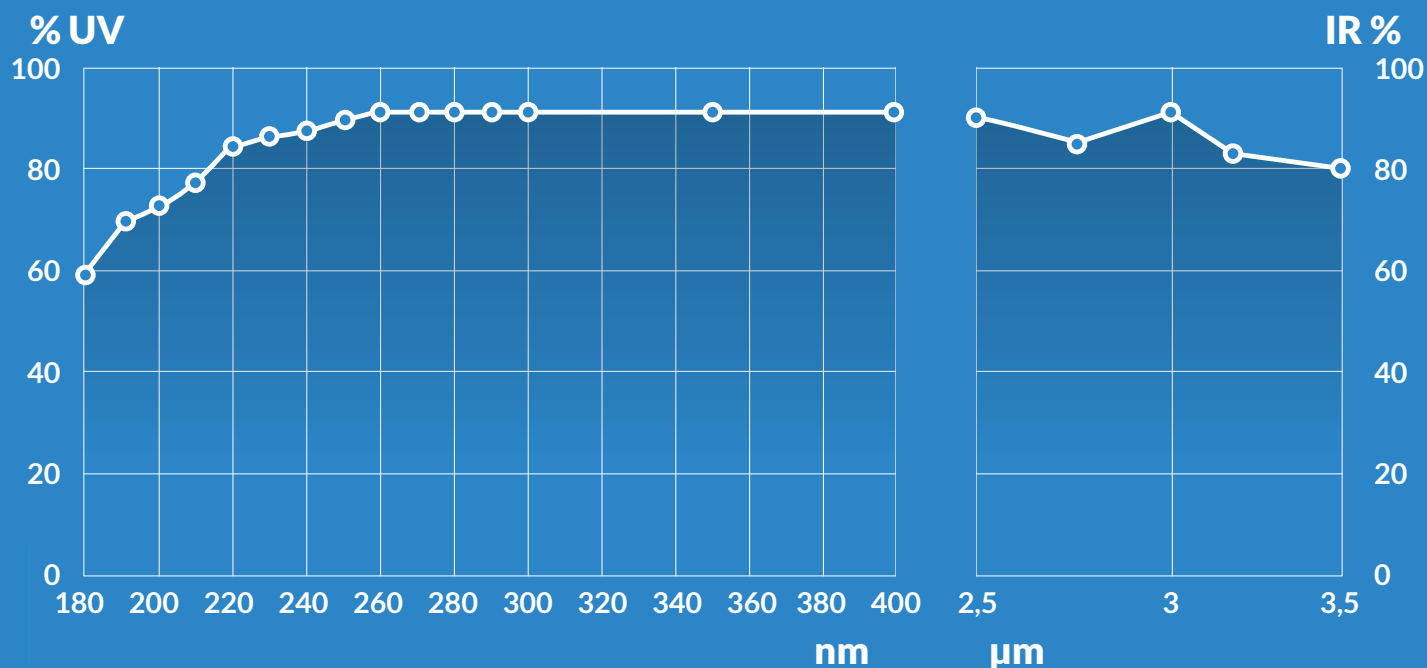
Quartz Link's considerate packaging procedure secures the safe transit of the sleeves, and a thorough labelling system enables traceability to each batch.

### Typical transmission in UV range

Wave length $\lambda$ [nm]	185	200	254	360	400
Transmission T [%]	> 60	> 70	> 90	> 90	> 90



Following chart shows the transmission property of QL110H-S:



## Tolerance

OD range	OD	Sliding	Ovality	Bow (1200mm)	Length
up to 5mm	±2.5%	±10%	2%	3mm	±2.5mm
5.1mm to 30mm	±2%	±10%	1.5%	2mm	±2.5mm
30.1mm to 60mm	±1.5%	±10%	1.5%	2mm	±2.5mm



## Cosmetic Inspection

	OD < 5mm	6mm< OD< 15mm	16mm< OD< 30mm	31mm< OD< 60mm
Max Bubble Width (mm)	0.2	0.3	0.4	0.7
Max Bubble Amount	3	4	4	4
Max Airline Length(mm)	1	2	2	2
Total Airline Length	20% of tube	20% of tube	20% of tube	20% of tube
Max Scratch Length (mm)	100mm	150mm	150mm	150mm
Crack	Not approved	Not approved	Not approved	Not approved

