

A close-up photograph of several parallel quartz tubes, likely for industrial or laboratory use. The tubes are clear and cylindrical, with their circular openings visible. They are arranged in a slightly overlapping, receding perspective. The background is a deep blue with abstract, lighter blue circular shapes, suggesting a clean, high-tech environment.

QUARTZ APPLICATIONS

PURE, STABLE, PRECISE

Industries we serve

UV Disinfection and Curing
Semiconductor
Lighting and Special Lighting
Metal Processing
Optical Fibre
Chemical Processing and Medical Applications

OUR QUARTZ APPLICATIONS AT A GLANCE

Precision for demanding applications

Quartz glass is a key material for UV and high-performance industrial applications. Its exceptional purity, thermal stability and high UV transmission enable reliable performance in demanding environments.

UV LAMP BODIES

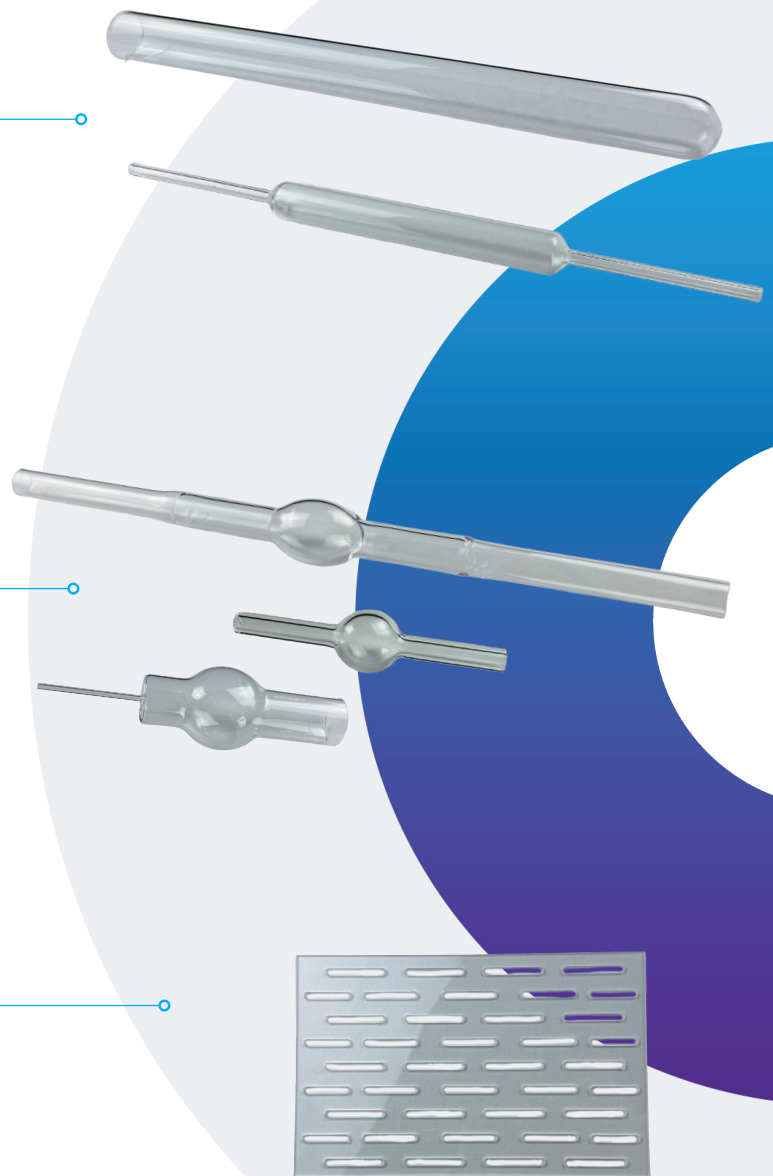
Made from high-performance quartz glass. UV lamp bodies made from high-purity quartz glass ensure excellent UV transmission, thermal stability and long-term reliability in demanding disinfection systems.

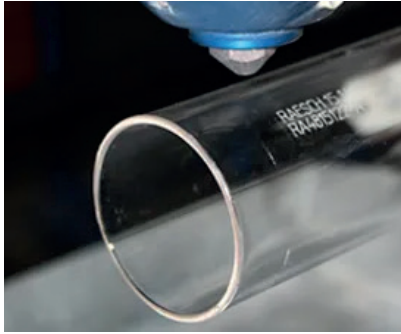
LAMP BULBS

Quartz glass lamp bulbs designed for high-performance UV applications, offering optimal light transmission, durability and resistance to thermal stress.

QUARTZ GLASS PLATES

High-purity quartz glass plates for optical, UV and high-temperature applications, offering excellent transparency and thermal stability.





QUARTZ GLASS SLEEVES

Protective quartz glass sleeves for UV disinfection systems, engineered to ensure stable UV transmission while protecting internal components like UV-lamps.



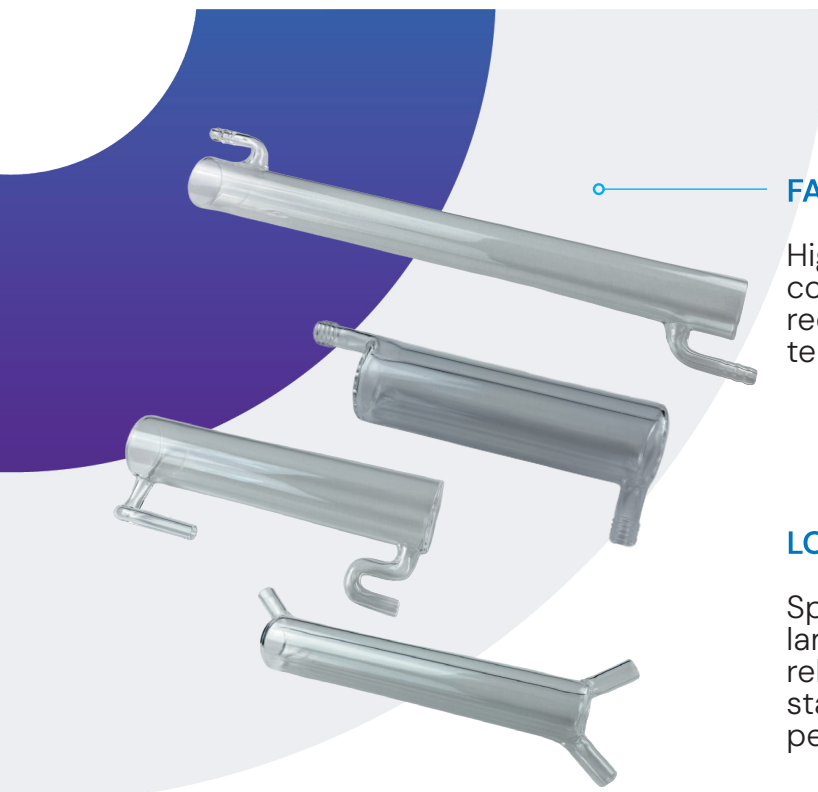
PRECISION CUTTING & FABRICATION

Quartz glass tubes and rods cut and fabricated with high precision for industrial and technical applications requiring tight tolerances and custom geometries.



QUARTZ CONSUMABLES

Quartz consumables for industrial processes, designed for reliable performance, chemical resistance and consistent quality in continuous operation.



FABRICATED QUARTZ COMPONENTS

High-precision fabricated quartz glass components tailored to customer-specific requirements in optical, UV and high-temperature environments.

LONG-LIFE COATING FOR MERCURY LAMPS

Special coating solutions for mercury UV lamps to extend lifetime, reduce aging-related UV output degradation and maintain stable UV emission over extended operation periods.

WHY HOENLE

- One-stop solution: material, processing and application know-how
- High-purity quartz glass for demanding environments
- Precision manufacturing and customization
- Reliable performance in critical processes

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