

HSQ®-T

Characteristics

- Highest purity
- Zero aluminum synthetic quartz material
- Wide range of geometries and dimensions

Applications

- Leading edge high-end semiconductor batch furnace applications

HSQ®-T is part of Heraeus' new synthetic material family: Neonyx. With Neonyx you can address the increasing challenges and requirements in high-end semiconductor manufacturing.

For next generation batch furnace tools Heraeus HSQ®-T is providing a solution for today's and future leading-edge semiconductor processes. HSQ®-T is made of synthetic raw material minimizing impurity levels in your process environment and ruling out natural variations in today's natural quartz materials.

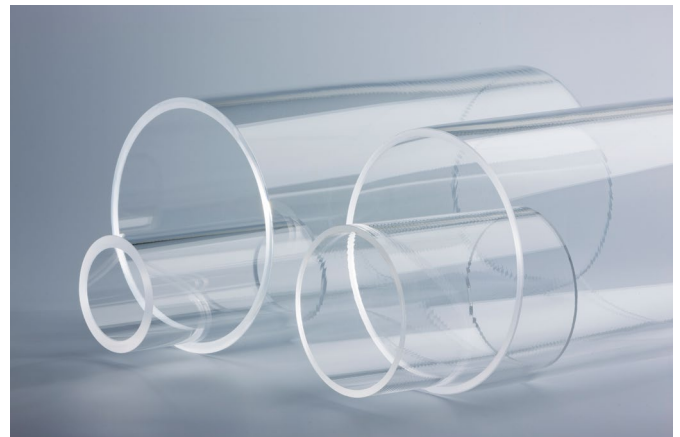
Full Portfolio Product Range

Heraeus' HSQ®-T ensures highest consistency and purity paired with availability in all industry standard geometries and dimensions for batch furnace tools.

Chemical Purity

Typical trace elements and OH content in quartz glass (in ppm)

Elements	Li	Na	K	Mg	Ca	Fe	Cu	Al	OH
HSQ® 300	0.5	0.2	0.3	< 0.03	0.5	0.1	0.01	15	< 30
HSQ®-T	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.01	< 0.01	150-200



Available Dimensions

- Large Diameter Tubes: up to 470 mm outer diameter
- Small Diameter Tubes: 2 mm to 90 mm outer diameter
- Rods: 2 mm to 40 mm outer diameter
- Ingots (round): up to 670 mm outer diameter
- Ingots (rectangular): up to 600 mm length

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