

JRST™
TECHNOLOGY
Tomorrow Begins Here

Quartz Spares for Solar Cell Lines

Diffusion and LPCVD process tubes, quartz boats and wafer carriers, bell jars, injectors and wet-bench tanks for TOPCon and PERC cell lines. Made to your furnace model and drawing.

ABOUT

Quartz for every hot step of the cell line

JRST Technology works across the silicon value chain, from high-purity quartz and quartz sand to crucibles, fused tubes, polysilicon, ingot-wafer, cells and spares. This catalogue covers the quartz spares we supply to Indian TOPCon and PERC cell lines, matched to your furnace and wafer format.

Where these parts go

POCl3 / BCl3 / BBr3 diffusion · LPCVD poly-Si (TOPCon) · Oxidation and annealing · Texturing and cleaning wet benches · Gas delivery and heating

What is inside

1. Diffusion & LPCVD furnace quartz
2. Chambers, wet benches & tubing
3. Cleaning, regeneration & re-welding service

How to order

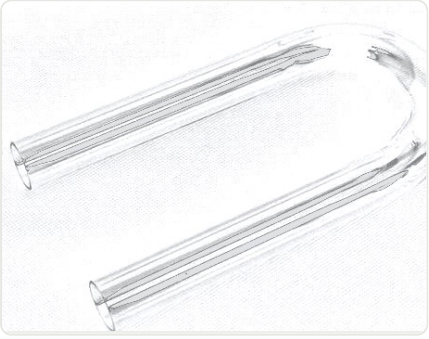
1. Send your part list, drawing or sample with dimensions, tolerances and quantity.
2. Receive a rupee quote with GST, valid for 3 days.
3. Confirm with a purchase order and advance.
4. Production, inspection and dispatch to your site.

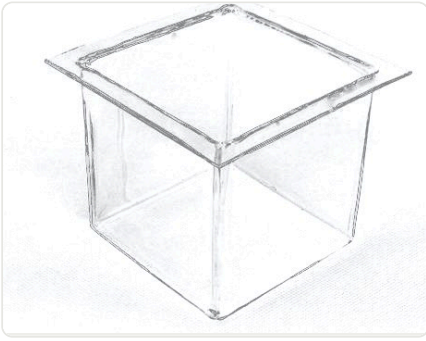
Customisation

Every size in this catalogue can be changed. Made-to-order parts are built to your drawing: diameter, wall, length, bends, slots, flanges and surface finish.

Order online: **jrsttechnology.com/portal**



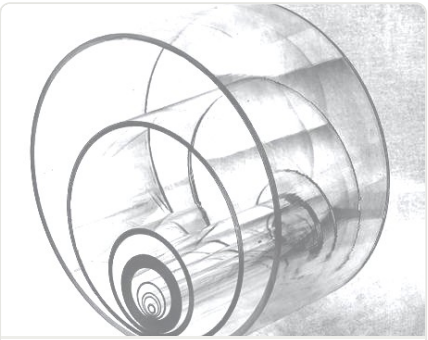




SECTION 01

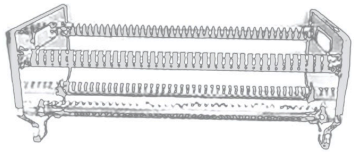
Diffusion & LPCVD Furnace Quartz

Quartz for the hot steps of a TOPCon or PERC line: POCl3, BCl3 and BBr3 diffusion, LPCVD poly-Si and oxidation. Made to your furnace model, tube size and wafer format.



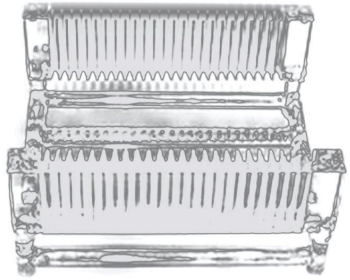
Diffusion & LPCVD process tubes

Large-diameter tubes and liners to furnace size



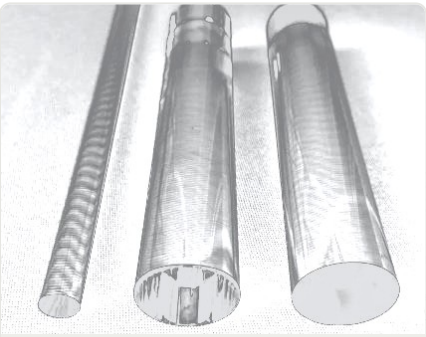
Quartz boats

Slot pitch for M10 / G12 wafers, to drawing



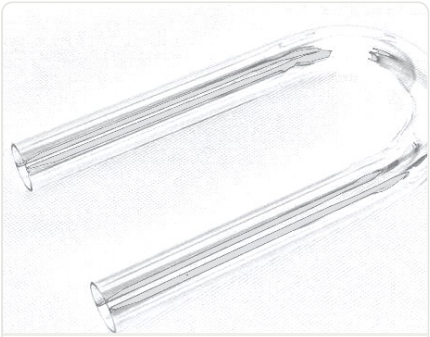
Wafer carriers & cassettes

Open and closed-slot carriers



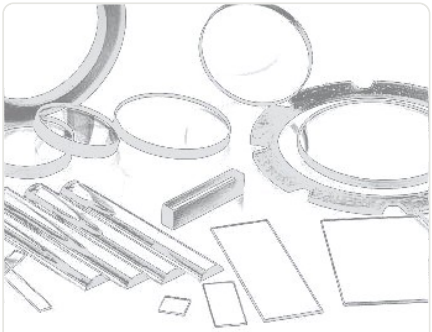
Boat rods, paddles & support rods

Solid fused-silica rods, any diameter



Gas injector & U-tubes

Bend radius and leg length to order



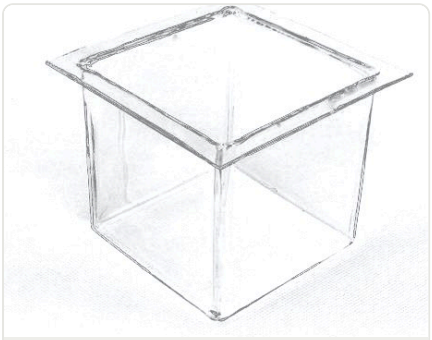
End caps, flanges & sealing rings

Rings, discs and machined end plates

SECTION 02

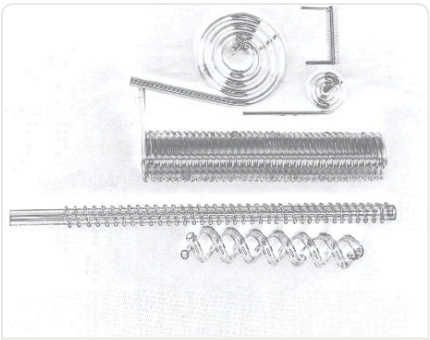
Chambers, Wet Benches & Tubing

Quartz for chambers, texturing and cleaning wet benches, heaters and gas lines across the cell line.



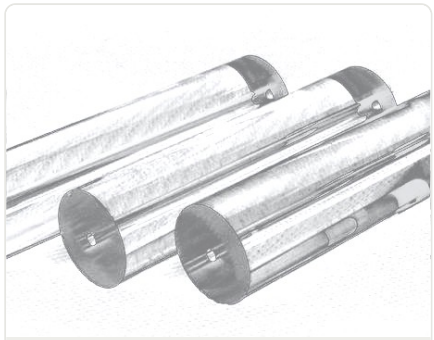
Wet-bench quartz tanks

Welded tanks for texturing and cleaning



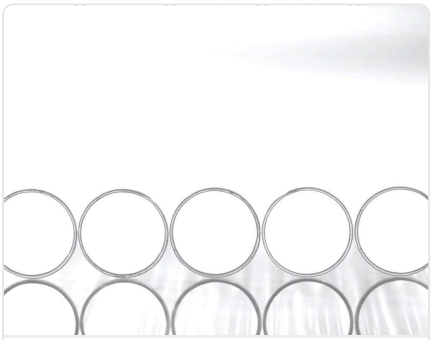
Spiral / coil tubes

Heater and bubbler coils to order



Quartz tubing

Clear tubes in custom OD, wall and length



Small-bore tubes & thermocouple sheaths

Closed-end or open, to order

CONTACT

Send us your part list

Share your drawing, sample photo or line requirement. The JRST team will come back with a rupee quote.

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Order online

JRST Buyer Portal: **jrsttechnology.com/portal**

Add parts to a quote list, send one request, accept the quote online and track the order to delivery.

Photos are representative. Specifications, sizes and availability are confirmed on the quote. E. & O.E.