

Thermo Scientific Matrix 2D Barcoded Glass Storage Tubes

Thermo Scientific Matrix 2D Barcoded Glass Storage Tubes are the perfect solution for samples in DMSO, chlorinated solvents and other harsh chemicals and applications where newly-synthesized compounds need to be dried down or lyophilized and subsequently resolubilized by hand or via automation. Whatever the application, permanently attached 2D barcodes enable safe, secure tracking of precious samples.



Secure tracking: Matrix Glass Tubes are supplied with permanent 2D barcodes on the base of each tube to track samples securely within the laboratory. Utilize a simple VisionMate Lite or VisionMate Wireless to read single tubes, the VisionMate FlatBed to read full racks of tubes or the VisionMate HighSpeed for high throughput robotic applications. Scan the tube into any application, or integrate via ActiveX technology—the choice is yours.

Superior tube design and storage format: The V-bottom tube design ensures maximum sample recovery and allows for easy vortexing to resolubilize samples. The tube top is designed to hold caps securely in place, during heating and cooling. The permanently laser-etched ceramic 2D code can withstand temperatures from VPLN storage to depyrogenation, chemicals from DMSO to concentrated HCl, as well as sonication and UV light exposure without

any change in barcode readability. And unlike traditional glass vials and tubes, Matrix Glass Tubes are supplied in our microplate footprint Latch Rack of 96 tubes/rack to store more tubes in less space and provide compatibility with traditional multichannel pipettes.

100% Quality Control: Every 2D code is scanned for readability and checked against a full database of all previous 2D code to ensure there are never duplicates. As added security, any code that is rejected during the QC process is not re-used on another tube.

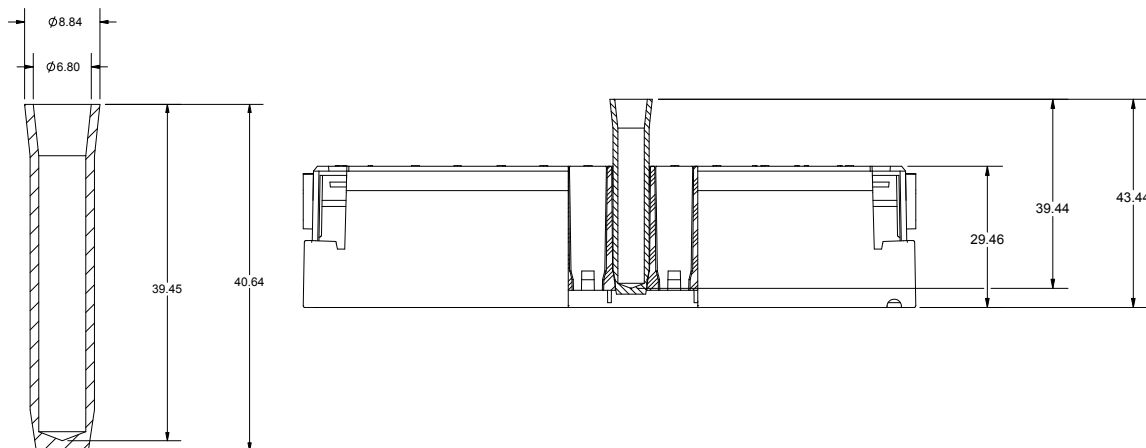
Knowledgeable Support: Our team has a strong reputation for selling and supporting both equipment and consumable products, and can show you simple ways to track samples in your laboratory using our Matrix 2D Barcoded Glass Storage Tubes and our VisionMate line of 2D Barcode Readers.

Thermo Scientific Glass Matrix 2D Barcoded Glass Storage Tubes

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|-------------------------|---|
| Material: | Type 1 Borosilicate 33 Expansion Glass |
| Working volume: | 1200 µl to tube top 900 µl with SeptraSeal installed 900 µl with DuraSeal installed 2-3 µl dead/minimum volume |
| Temperature range: | -180 to 590° C |
| Centrifugation limits: | *>12,000 RPM out of rack |
| Chemical compatibility: | DMSO, methylene chloride, ethyl acetate, hexane, DMF, DMF/N-methylpyrrolidinone, toluene, ethanol, concentrated HCL, 5M NaOH, nitric acid, TFA, THF |
| Other: | UV light no affect on 2D code or tube Sonication no affect on 2D code or tube Lyophilization no affect on 2D code or tube |

| Item No. | Description | Qty |
|----------|--|--------------------------|
| 3850 | 1.0 ml Matrix 2D Barcoded Glass Storage Tubes, Latch Rack, non-Sterile | 5 racks of 96 tubes/case |

* Tubes should be tested under individual laboratory conditions.



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