

Warner capillary glass is known worldwide for its consistent high quality

- Ends are fire polished to prevent damage to the rubber gaskets when inserted into electrode holders
- Glass is cleaned with deionized water before being packed in dust-free containers

Warner capillary glass is known worldwide for its consistent high quality. The glass is precision drawn to insure reliability and consistency from batch to batch. The full line of glass capillaries listed here is stocked for fast shipment.

## Standard Wall/Thin Wall

Tubing is available in two wall thickness, standard wall and thin wall. Additionally, a variety of diameters is offered to cover most needs of micropipette and microelectrode research.

## Capillaries with Filament

A small diameter filament is fused to the glass inside diameter to facilitate rapid solution filling through capillary attraction. This is especially important for the very small diameter of sharp electrodes typically used for intracellular studies and microiontophoresis.

## Premium Corning Type 7740 (Pyrex)

Corning 7740 Borosilicate is the most commonly used glass in electrode fabrication because of its mechanical strength, chemical durability, electrical resistivity, and its ability to withstand thermal stress. It is also easy to work with and suitable for a wide range of applications. Corning 7740 glass is offered in a choice of diameters, in standard or thin-walled format, and either with or without inner filament; they are additionally available in Theta style. Single barrel glass is available in 3 lengths: 75, 100 and 150 mm. Theta glass is offered in 100 mm lengths only.

## Specifications

Composition	81% SiO <sub>2</sub> , 13% B <sub>2</sub> O <sub>3</sub> , 4% Na <sub>2</sub> O, 2% Al <sub>2</sub> O <sub>3</sub>
Softening Temp.	821°C
Dielectric Constant	4.6

## Premium Standard Wall Borosilicate



Order #	Model	OD mm	ID mm	Length mm	Qty/Pkg
W4 64-0765	G100-3	1.0	0.58	75	500
W4 64-0766	G100-4	1.0	0.58	100	500
W4 64-0770	G120-6	1.2	0.69	150	350
W4 64-0771	G150-3	1.5	0.86	75	225
W4 64-0772	G150-4	1.5	0.86	100	225
W4 64-0773	G150-6	1.5	0.86	150	225
W4 64-0774	G200-3	2.0	1.16	75	125

## Premium Thin Wall Borosilicate



Order #	Model	OD mm	ID mm	Length mm	Qty/Pkg
W4 64-0778	G100T-4	1.0	0.78	100	500
W4 64-0780	G120T-3	1.2	0.94	75	350
W4 64-0781	G120T-4	1.2	0.94	100	350
W4 64-0783	G150T-3	1.5	1.17	75	225
W4 64-0784	G150T-4	1.5	1.17	100	225
W4 64-0785	G150T-6	1.5	1.17	150	225

## Premium Standard Wall Borosilicate with Filament



Order #	Model	OD mm	ID mm	Length mm	Qty/Pkg
W4 64-0786	G100F-3	1.0	0.58	75	500
W4 64-0787	G100F-4	1.0	0.58	100	500
W4 64-0788	G100F-6	1.0	0.58	150	500
W4 64-0789	G120F-3	1.2	0.69	75	350
W4 64-0790	G120F-4	1.2	0.69	100	350
W4 64-0791	G120F-6	1.2	0.69	150	350
W4 64-0792	G150F-3	1.5	0.86	75	225
W4 64-0793	G150F-4	1.5	0.86	100	225
W4 64-0794	G150F-6	1.5	0.86	150	225
W4 64-0795	G200F-3	2.0	1.16	75	125
W4 64-0796	G200F-4	2.0	1.16	100	125

## Premium Capillary Glass (continued)

### Premium Thin Wall Borosilicate with Filament



Order #	Model	OD mm	ID mm	Length mm	Qty/Pkg
W4 64-0798	G100TF-3	1.0	0.78	75	500
W4 64-0799	G100TF-4	1.0	0.78	100	500
W4 64-0800	G100TF-6	1.0	0.78	150	500
W4 64-0801	G120TF-3	1.2	0.94	75	350
W4 64-0802	G120TF-4	1.2	0.94	100	350
W4 64-0804	G150TF-3	1.5	1.17	75	225
W4 64-0805	G150TF-4	1.5	1.17	100	225

### Premium Theta Glass (100 pcs/pkg.)



Order #	Model	OD mm	ID mm	Septum mm	Length mm
W4 64-0810	TG150-4	1.5	1.0	0.2	100
W4 64-0811	TG200-4	2.0	1.4	0.2	100