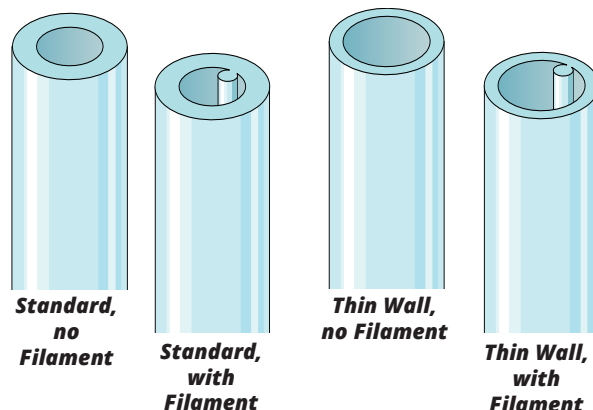
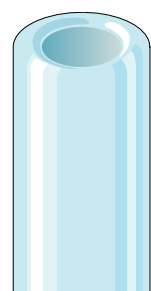


Glass Capillaries

Clean, high quality glass for making micropipette electrodes and other research implements



WPI offers a wide spectrum of high-quality glass capillaries. We take pride in our ability to ship your glass order within 48 hours. If you need a special glass that does not appear in our catalog, please call us. We will make every effort to provide it for you.



Fire-Polished glass capillaries are easier to insert into microelectrode holders without damaging the gasket. More importantly, fire-polished glass won't scratch the chloridized wire used in a recording electrode. Fire-polishing does not affect the glass's mechanical or electrical properties.

Borosilicate glass capillaries: Close dimensional tolerances assure microelectrode uniformity and reproducibility. Available in one-, two-, three-, five- and seven-barrel configurations; a complete range of single barrel thin-wall sizes; and a variety of special configurations. Capillaries with filaments contain a solid filament fused to the inner wall, which speeds filling of electrodes. Capillaries with or without inner filaments are available for making microelectrodes in a wide range of diameters.

Single Barrel standard wall thickness capillaries are offered either with or without inner filaments for quick filling in a variety of lengths and diameters. Two usable electrodes can be made from one 6-inch length. Borosilicate glass is Corning N51A.

Thin Wall single barrel capillaries are offered both with or without inner filaments. The concentricity of this material provides excellent strength. Micropipettes made from thin wall capillaries have fine tips with a short taper.

Note: Because electrode tips erode when left filled with saline solutions for long periods, electrodes should be made and filled immediately prior to use.

Single-Barrel Standard Borosilicate Glass Tubing

Length	OD (mm)	ID (mm)	Filament	Fire-Polished	Quantity	Item
3 in. (76 mm)	1.0	0.58	✓		500	1B100F-3
3 in. (76 mm)	1.0	0.58			500	1B100-3
3 in. (76 mm)	1.2	0.68	✓		350	1B120F-3
3 in. (76 mm)	1.2	0.68			350	1B120-3
3 in. (76 mm)	1.5	0.84	✓		225	1B150F-3
3 in. (76 mm)	1.5	0.84		✓	300	1B150-3
4 in. (100 mm)	1.0	0.58	✓	✓	500	1B100F-4
4 in. (100 mm)	1.0	0.58		✓	500	1B100-4
4 in. (100 mm)	1.2	0.68	✓	✓	400	1B120F-4
4 in. (100 mm)	1.2	0.68		✓	350	1B120-4
4 in. (100 mm)	1.5	0.84	✓	✓	300	1B150F-4
4 in. (100 mm)	1.5	0.84		✓	300	1B150-4
4 in. (100 mm)	2.0	1.12	✓		125	1B200F-4
4 in. (100 mm)	2.0	1.12		✓	200	1B200-4
6 in. (152 mm)	1.0	0.58	✓		500	1B100F-6
6 in. (152 mm)	1.0	0.58			500	1B100-6
6 in. (152 mm)	1.2	0.68	✓		350	1B120F-6
6 in. (152 mm)	1.2	0.68			350	1B120-6
6 in. (152 mm)	1.5	0.84	✓		225	1B150F-6
6 in. (152 mm)	1.5	0.84			225	1B150-6
6 in. (152 mm)	2.0	1.12	✓		125	1B200F-6
6 in. (152 mm)	2.0	1.12			125	1B200-6

Thin-Wall Single-Barrel Standard Borosilicate (Schott Duran) Glass Tubing

OD (mm)	ID (mm)	FIL	Fire-Polished	Length	Quantity	Item
1.0	0.75	✓		3 in. (76 mm)	500	TW100F-3
1.0	0.75			3 in. (76 mm)	500	TW100-3
1.2	0.90	✓	✓	3 in. (76 mm)	400	TW120F-3
1.2	0.90			3 in. (76 mm)	350	TW120-3
1.5	1.12	✓		3 in. (76 mm)	225	TW150F-3
1.5	1.12		✓	3 in. (76 mm)	300	TW150-3
1.0	0.75	✓		4 in. (100 mm)	500	TW100F-4
1.0	0.75		✓	4 in. (100 mm)	500	TW100-4
1.2	0.90	✓		4 in. (100 mm)	350	TW120F-4
1.2	0.90			4 in. (100 mm)	350	TW120-4
1.5	1.12	✓		4 in. (100 mm)	225	TW150F-4
1.5	1.12		✓	4 in. (100 mm)	300	TW150-4
1.0	0.75	✓		6 in. (152 mm)	500	TW100F-6
1.0	0.75		✓	6 in. (152 mm)	500	TW100-6
1.2	0.90	✓	✓	6 in. (152 mm)	400	TW120F-6
1.2	0.90			6 in. (152 mm)	350	TW120-6
1.5	1.12	✓		6 in. (152 mm)	225	TW150F-6
1.5	1.12		✓	6 in. (152 mm)	300	TW150-6