



11-BM Capillary & Tubing Stock

Kapton (polyimide): Temp range -273 to +400 °C (0 – 673 K)

vendor	notes	OD (mm)	ID (mm)	wall (mm)	OD (in)	ID (in)	wall (in)
CP		0.36	0.31	0.03	0.0142	0.0122	0.0010
ML	#160	0.45	0.41	0.02	0.0178	0.0160	0.0009
CP		0.69	0.64	0.03	0.0270	0.0250	0.0010
ML	#320	0.86	0.81	0.03	0.0340	0.0320	0.0010
ML	#350	1.17	0.89	0.14	0.0462	0.0350	0.0056
CP	11IDB	1.10	1.00	0.05	0.0435	0.0395	0.0020
ML	BM>ID	1.21	1.13	0.04	0.0478	0.0446	0.0016
CP		1.37	1.27	0.05	0.0540	0.0500	0.0020
CP		1.56	1.46	0.05	0.0615	0.0575	0.0020
MC	5707K21	1.89	1.83	0.03	0.0745	0.0720	0.0013

Borosilicate glass: Temp range up to 500 °C (0 – 773 K)

vendor	notes	OD (mm)	ID (mm)	wall (mm)	OD (in)	ID (in)	wall (in)
CS	SOE	0.30	0.28	0.01	0.0118	0.0110	0.0004
CS	SOE	0.50	0.48	0.01	0.0197	0.0189	0.0004
CS	SOE	0.70	0.68	0.01	0.0276	0.0268	0.0004
CS	SOE	1.00	0.98	0.01	0.0394	0.0386	0.0004

Fused quartz: Temp range up to 900 °C (0 – 1073 K)

vendor	notes	OD (mm)	ID (mm)	wall (mm)	OD (in)	ID (in)	wall (in)
CS	SOE	0.30	0.28	0.01	0.0118	0.0110	0.0004
CS	SOE	0.50	0.48	0.01	0.0197	0.0189	0.0004
FD	OBE	0.70	0.60	0.05	0.0276	0.0236	0.0020
FD	OBE	1.00	0.90	0.05	0.0394	0.0354	0.0020

Sapphire: Temp range > 900 °C

vendor	notes	OD (mm)	ID (mm)	wall (mm)	OD (in)	ID (in)	wall (in)
St G		0.89	0.58	0.15	0.035	0.023	0.006

Magnetic Bases

notes	ID (mm)	ID (in)
Standard Size	0.89	0.035
Large Diameter	~ 1.22	~ 0.048

notes	ID (mm)	ID (in)
TC wire	0.40	0.016
for 0.7 mm cap.	0.80	0.031
for 1.0 mm cap.	1.20	0.047

Ferrules (Supltex)

Vendor Codes

CP = Cole Parmer, MC = McMaster
ML = MicroLumen
CS = Charles Supper, St G = St Gobain
FD = Friedrich & Dimmock

Notes:

OBE = Open Both Ends
SOE = Sealed One End