

# CATHETER TUBING *specifications*

## Gauge & French Size Comparison

Catheter tubing is sized according to the Charrière or French scale; a “diameter times 3” relationship, with increasing French sizes corresponding to larger diameter catheters; a linear relationship, contrary to gauge sizing where the relationship is inverse.

### SILICONE/Si - Rounded (I/Intisil) or Blunt tipped - Sterile Cut Lengths or Bulk Non-Sterile

French Size	Gauge	Inner Diameter	Outer Diameter	Cut Lengths		Bulk Tubing 25'/7.6m	Volume µl/cm
				Round Tip	Blunt Tip		
1	27	.007"/0.2mm	.016"/0.4mm	n/a	CNC-1S	BC-1S	0.3 µl/cm
2	23	.012"/0.3mm	.025"/0.6mm	CNC-2IS	CNC-2S	BC-2S	0.7 µl/cm
3	20	.020"/0.5mm	.037"/0.9mm	CNC-3IS	CNC-3S	BC-3S	2.0 µl/cm
4	18	.025"/0.6mm	.047"/1.2mm	CNC-4IS	CNC-4S	BC-4S	3.2 µl/cm
5	16	.030"/0.7mm	.065"/1.7mm	CNC-5IS	CNC-5S	BC-5S	4.5 µl/cm
7	13	.050"/1.3mm	.095"/2.4mm	CNC-7IS	CNC-7S	BC-7S	12.7 µl/cm
9	11	.062"/1.6mm	0.125/3.2mm	CNC-9IS	CNC-9S	BC-9S	19.5 µl/cm

Clear or Radiopaque  
Cut length catheters are provided with 2 moveable suture retention beads as a standard feature.  
See page 19 for a listing of our catheter modifications

### POLYURETHANE/PU - Rounded, Hydrocoat, or Blunt tipped - Sterile Cut Lengths or Bulk Non-Sterile

French Size	Gauge	Inner Diameter	Outer Diameter	Cut Lengths			Bulk Tubing 25'/7.6m	Volume µl/cm
				Round Tip	Blunt Tip	HydroCoat		
1	27	.008"/0.2mm	.017"/0.4mm	n/a	CNC-1P	n/a	BC-1P	0.3 µl/cm
2	23	.012"/0.3mm	.025"/0.6mm	CNC-2PR	CNC-2P	CNC-2H	BC-2P	0.7 µl/cm
3	20	.023"/0.6mm	.037"/0.9mm	CNC-3PR	CNC-3P	CNC-3H	BC-3P	2.7 µl/cm
3.5	18	.025"/0.6mm	.044"/1.1mm	CNC-3.5PR	CNC-3.5P	CNC-3.5H	BC-4P	3.2 µl/cm
5	16	.040"/1.0mm	.065"/1.7mm	CNC-5PR	CNC-5P	CNC-5H	BC-5P	8.1 µl/cm
7	13	.058"/1.5mm	.095"/2.4mm	CNC-7PR	CNC-5P	CNC-7H	BC-7P	17.0 µl/cm

### POLYETHYLENE/PE - Blunt tipped - Sterile Cut Lengths or Bulk Non-Sterile

Part No.	±Fr. Size	Inner Diameter	Outer Diameter	Cut Lengths Blunt Tip	Bulk Tubing 25'/7.6m spool	Volume µl/cm
10	2	.011"/0.2mm	.025"/0.6mm	CNC-PE-10	BC-PE-10	0.6 µl/cm
20	3.5	.015"/0.4mm	.038"/1.1mm	CNC-PE-20	BC-PE-20	1.1 µl/cm
50	3	.023"/0.6mm	.039"/1.0mm	CNC-PE-50	BC-PE-50	2.7 µl/cm
60	3.5	.030"/0.7mm	.048"/1.2mm	CNC-PE-60	BC-PE-60	4.5 µl/cm
90	3.5	.034"/0.8mm	.052"/1.3mm	CNC-PE-90	BC-PE-90	5.8 µl/cm
100	5	.034"/0.8mm	.060"/1.5mm	CNC-PE-100	BC-PE-100	5.8 µl/cm
160	5	.045"/1.1mm	.062"/1.6mm	CNC-PE-160	BC-PE-160	10.2 µl/cm
190	5	.047"/1.2mm	.067"/1.7mm	CNC-PE-190	BC-PE-190	11.1 µl/cm

The Low Density formulation of our PolyEthylene tubing does not contain plasticizers.  
It has excellent chemical and gas resistance, is non-radiopaque and non-reactive to tissue.

### TEFLON®/PTFE - Blunt tipped - Sterile Cut Lengths or Bulk Non-Sterile

Part No.	±Fr. Size	Inner Diameter	Outer Diameter	Cut Lengths Blunt Tip	Bulk Tubing 25'/7.6m spool	Volume µl/cm
T11	2	.012"/0.3mm	.030"/0.8mm	CNC-T11	BC-T11	0.7 µl/cm
T21	3	.022"/0.6mm	.042"/1.1mm	CNC-T21	BC-T21	2.4 µl/cm
T31	4	.032"/0.8mm	.056"/1.4mm	CNC-T31	BC-T31	5.2 µl/cm
T41	5	.042"/1.1mm	.066"/1.7mm	CNC-T41	BC-T41	8.9 µl/cm
T51	7	.052"/1.3mm	.076"/1.9mm	CNC-T51	BC-T51	13.7 µl/cm

This medical grade Teflon®/PTFE tubing absorbs practically no common acids, bases or solvents.  
It is chemically inert.

PVC/ Tygon and PVC/PE Co-Extruded tubing is available -call for sizes.

To order bulk catheter tubing specify the material and French size with the prefix BC (Bulk Catheter). To order sterile cut lengths, specify the material, length, tip configuration (round or blunt), and modifications required with the prefix CNC.