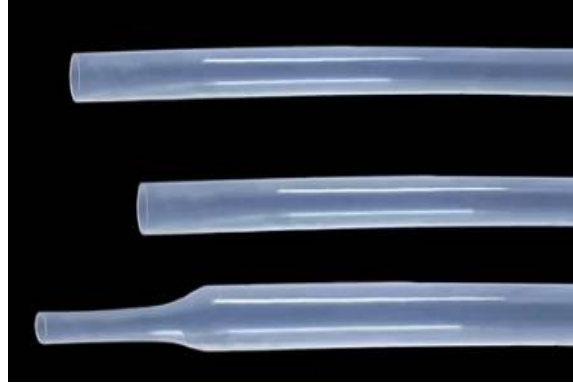


PTFE Tubing & PTFE Heat Shrink Tubing



PTFE (Poly tetra fluoro ethylene) is a critical material across the medical and aerospace industries, known for its exceptional chemical resistance, low friction, biocompatibility, and high thermal stability.

In IV cannulas and Medical devices, PTFE is used to create ultra-smooth, low-friction surfaces that aid in a traumatic insertion and improve patient comfort. PTFE heat shrink tubing is widely applied over medical mandrels, wires and catheters to provide a protective, lubricious and biocompatible covering.

In Avionics, PTFE heat shrink tubing protects sensitive wiring and components, offering superior insulation, chemical resistance, and reliability under extreme temperatures and harsh environments thus having an excellent thermal stability.

At Glowtronics, we offer precision PTFE solutions — including custom-formed parts and heat shrink tubing — engineered to meet the highest standards of performance, safety and durability for critical applications. We leverage PTFE's unique properties to manufacture high-precision components that meet the demanding requirements of both healthcare and aerospace sectors.

Capability:	Cut Pieces & Continuous Lengths			(Dimensions in mm)
	Colors: Clear, Blue, Brown, Green, Grey, Red, Black, White, Yellow, Purple & Others			
	Radio Opacity: Full Opaque and Two Stripe			
Normal Tubing Done				
	ID	OD	Tol ID & OD	
1	0.330	0.700	+/-0.025	
2	0.450	0.750	+/-0.025	
3	0.490	0.720	+/-0.025	
4	0.590	0.900	+/-0.025	
5	0.590	1.100	+/-0.025	
6	0.600	1.420	+/-0.025	
7	0.620	0.900	+/-0.030	
8	0.670	1.100	+/-0.030	
9	0.680	1.150	+/-0.030	
10	0.680	1.420	+/-0.030	
11	0.780	1.100	+/-0.030	
12	0.600	1.200	+/-0.040	
13	0.600	1.400	+/-0.040	
14	0.690	1.190	+/-0.040	
15	0.500	1.200	+/-0.040	
16	0.500	1.350	+/-0.040	
17	0.565	1.371	+/-0.040	
18	1.116	1.422	+/-0.040	
19	1.067	1.473	+/-0.040	
20	1.100	1.660	+/-0.040	
21	1.100	1.890	+/-0.040	
22	1.110	1.730	+/-0.040	
23	1.143	1.549	+/-0.040	
24	1.160	1.800	+/-0.040	
25	1.250	1.650	+/-0.040	
26	1.000	2.100	+/-0.050	
27	2.250	2.850	+/-0.050	
28	2.500	3.200	+/-0.050	
Heat Shrink Tubing Done				
	Supplier ID	Shrink ID	Shrink Wall	Shrink Ratio
1	0.660	0.229	0.233	3:1
2	0.664	0.508	0.151	2:1
3	1.200	0.820	0.170	2:1
4	2.200	0.820	0.170	4:1
5	2.750	1.700	0.406	2:1
6	3.650	1.830	0.300	2:1
7	4.650	2.040	0.406	2:1
8	7.670	4.360	0.250	2:1
9	9.530	2.440	0.360	4:1
10	10.410	6.600	0.506	2:1
11	14.720	10.130	0.640	2:1
12	19.050	5.890	0.380	4:1
Solid Rod and Profile Done				
	Profile	Dimension A	Dimension B	
	Square	2.25	2.25	
	Flower	3.8 OD	1.0 ID	
Notes:				
	1. We can develop other sizes Tubing based on customer needs:			
	ID	0.20 Min		
	OD	6.50 Max		
	Wall	0.07 Min		
	2. We can develop solid Rods & Profiles:			
	Outer Dim	6.50 Max		



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