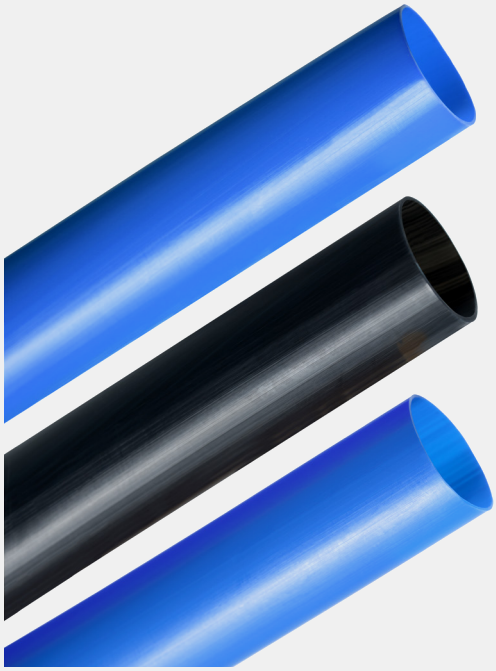
Heat Shrink Products

PTFE 4:1

AWG And Fractional Sizes



PTFE heat shrink is available with shrink ratios of 2:1 and 4:1.

Overview-

As one of the largest extruders of PTFE, we make PTFE heat shrink tubing to suit a broad spectrum of applications across a wide range of industries. Our PTFE 2:1 and 4:1 heat shrink has excellent lubricity and chemical resistance with a working temperature range from -200 °C to 260 °C (-328 °F to 500 °F).

PTFE's excellent dielectric strength makes it highly suited for the encapsulation of wires and electrical components. Our 4:1 PTFE heat shrink tubing is available in fractional sizes from 5/64" to 4". Custom sizes are available. With its extended shrink ratio of 4:1, this heat shrink can recover over mandels and components that have varying diameters along their lengths.

APPLICATIONS

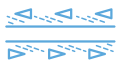
- Encapsulation
- Insulation
- Wire splicing

CAPABILITIES AND SIZING

- Fractional sizes from 5/64" to 4"
- Custom sizing available
- Shrink ratio of 4:1
- Colors available

KEY PROPERTIES

- Low coefficient of friction
- Biocompatable (USP Class VI approved)
- Chemical resistance
- Excellent dielectric strength
- Flame resistance
- Sterilizable (ETO)
- Broad working temperature
  -200 °C to 260 °C (-328 °F to 500 °F)
- Heat shrink complies with AS23053/12



COEFFICIENT OF FRICTION

BIOCOMPATIBILE

CHEMICAL RESISTANCE

PTFE 4:1 Ratio

PTFE heat shrink is supplied in natural color, custom Pantone colors, or Zeus standard colors; all are available upon request. Standard lengths are 4 ft.; cut pieces and continuous lengths are also available upon request. This product complies with AS23053/12. Free samples are available. Contact us for details.

PTFE 4:1 HEAT SHRINK (CLASS 5)								
ORDERED AS FRACTIONAL SIZE	EXPANDED INSIDE DIAMETER (ID) MIN.		RECOVERED DIMENSION AFTER SHRINKAGE					
			ID MAX.		WALL THICKNESS			
					NOMINAL		TOLERANCE (±)	
in.	in.	mm	in.	mm	in.	mm	in.	mm
5/64	0.078	1.981	0.025	0.635	0.009	0.229	0.002	0.051
1/8	0.125	3.175	0.037	0.940	0.012	0.305	0.002	0.051
3/16	0.187	4.750	0.050	1.270	0.012	0.305	0.002	0.051
1/4	0.250	6.350	0.063	1.600	0.012	0.305	0.002	0.051
5/16	0.312	7.925	0.078	1.981	0.012	0.305	0.002	0.051
3/8	0.375	9.525	0.096	2.438	0.012	0.305	0.002	0.051
7/16	0.438	11.125	0.112	2.845	0.012	0.305	0.002	0.051
1/2	0.500	12.700	0.144	3.658	0.015	0.381	0.004	0.102
9/16	0.562	14.275	0.155	3.937	0.015	0.381	0.004	0.102
5/8	0.625	15.875	0.178	4.521	0.015	0.381	0.004	0.102
11/16	0.687	17.450	0.198	5.029	0.015	0.381	0.004	0.102
3/4	0.750	19.050	0.224	5.690	0.015	0.381	0.004	0.102
7/8	0.875	22.225	0.240	6.198	0.015	0.381	0.004	0.102
1	1.000	25.400	0.278	7.061	0.015	0.381	0.004	0.102
1-1/4	1.250	31.750	0.347	8.814	0.015	0.381	0.004	0.102
1-1/2	1.500	38.100	0.400	10.160	0.015	0.381	0.004	0.102
1-3/4	1.750	44.450	0.450	11.430	0.015	0.381	0.004	0.102
2	2.000	50.800	0.520	13.208	0.020	0.508	0.005	0.127
2-1/4	2.250	57.150	0.585	14.859	0.020	0.508	0.005	0.127
2-1/2	2.500	63.500	0.650	16.510	0.020	0.508	0.005	0.27
2-3/4	2.750	69.850	0.710	18.034	0.020	0.508	0.005	0.127
3	3.000	76.200	0.775	19.685	0.020	0.508	0.005	0.127
3-1/4	3.250	82.550	0.835	21.209	0.020	0.508	0.005	0.127
3-1/2	3.500	88.900	0.900	22.860	0.025	0.635	0.005	0.127
3-3/4	3.750	95.250	0.960	24.384	0.025	0.635	0.005	0.127
4	4.000	101.600	1.025	26.035	0.025	0.635	0.005	0.127