

# PTFE 4:1

Fractional Sizes

HEAT SHRINK TUBING



## 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 -328 °F to 500 °F (-200 °C to 260 °C).

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 mandrels/components that have varying diameters along specific lengths.



### SECONDARY/VALUE-ADD SERVICES:

Cut Lengths and Pieces

*PTFE Heat Shrink is available with shrink ratios of 2:1 and 4:1.*



COEFFICIENT OF FRICTION



BIOCOMPATIBLE



CHEMICAL RESISTANCE

## APPLICATIONS

- Encapsulation
- Insulation
- Wire splicing

## CAPABILITIES AND SIZING

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

## KEY PROPERTIES

- Low coefficient of friction (USP Class VI approved)
- Biocompatible
- Chemically resistant
- Excellent dielectric strength
- Flame resistant
- Sterilizable (ETO)
- Broad working temperature range -328 °F to 500 °F (-200 °C to 260 °C)



# PTFE 4:1 Ratio

Fractional Sizes

## INFORMATION OF NOTE

PTFE heat shrink is supplied in natural color, custom Pantone colors or Zeus standard colors are available upon request. Standard lengths are 4ft, cut pieces and continuous lengths are also available upon request.

This product complies with AMS 23053/12, 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.	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	0.244	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	0.127
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