

PTFE heat shrink tubing



PTFE heat shrink tubing is available in lengths of 1,22 mtr or on spools with production lengths.

Standard shrink ratios are 4:1 and 2:1. Larger ratios are technically possible but are not standard and custom made.

The standard colour of PTFE heat shrink tubing is white, other colours available on request.

Key properties

- Excellent electrical properties
- Excellent chemical resistance
- Smoothness
- High dielectric constant
- Durable
- Application temperature 340°C
- UV resistant

Ratio 2:1

Type	ID before shrink mm	ID after max. shrink mm	Wall thickness after max. shrink mm
1/8	5.4	3.3	0.50
1/4	10.4	6.6	0.50
5/16	11.9	8.4	0.50
3/8	14.2	10.2	0.50
7/16	16.6	11.7	1.00
1/2	19.0	13.3	1.00
5/8	23.6	16.7	1.00
3/4	28.5	20.0	1.00
7/8	33.2	23.2	1.00

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Ratio 4:1

Type dim	ID before shrink (mm)	ID after max. shrink (mm)	Wall thickness after max. shrink (mm)	Tolerance (mm)
V 5/64	1.98	0.64	0.22	+/- 0.05
V 1/8	3.18	0.94	0.25	+/- 0.05
V 3/16	4.75	1.27	0.30	+/- 0.08
V 1/4	6.35	1.60	0.30	+/- 0.08
V 5/16	7.92	2.00	0.30	+/- 0.08
V 3/8	9.52	2.44	0.30	+/- 0.08
V 7/16	11.13	2.85	0.30	+/- 0.08
V 1/2	12.70	3.66	0.38	+/- 0.10
V 9/16	14.27	3.94	0.38	+/- 0.10
V 5/8	15.88	4.52	0.38	+/- 0.10
V 11/16	17.45	5.03	0.38	+/- 0.10
V 3/4	19.05	5.70	0.38	+/- 0.10
V 7/8	22.23	6.20	0.38	+/- 0.10
V 1	25.40	7.06	0.38	+/- 0.10
V 1 1/4	31.75	8.82	0.38	+/- 0.10
V 1 1/2	38.10	10.20	0.38	+/- 0.10
V 1 3/4	44.45	11.43	0.38	+/- 0.10
V 2	50.80	13.20	0.50	+/- 0.13
V 2 1/4	57.15	14.85	0.50	+/- 0.13
V 2 1/2	63.50	16.50	0.50	+/- 0.13
V 2 3/4	69.85	18.00	0.50	+/- 0.13
V 3	76.20	19.70	0.50	+/- 0.13
V 3 1/4	82.55	21.20	0.50	+/- 0.13
V 3 1/2	88.90	23.00	0.63	+/- 0.13
V 3 3/4	95.25	24.40	0.63	+/- 0.13
V 4	101.60	26.00	0.63	+/- 0.13

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Type AWG, Ratio 2:1

AWG dim	ID before shrink (mm)	ID after max. shrink (mm)	Wall thickness after max. shrink		
			TW	UTW	HW
34	0.60	0.25	-	0.10	-
30	0.86	0.38	0.23	0.15	0.23
28	0.97	0.46	0.23	0.15	0.23
26	1.17	0.56	0.23	0.15	0.23
24	1.27	0.64	0.25	0.15	0.30
22	1.40	0.80	0.25	0.15	0.30
20	1.52	0.97	0.30	0.15	0.40
19	1.65	1.10	0.30	0.15	0.40
18	1.93	1.17	0.30	0.15	0.40
17	2.15	1.38	0.30	0.15	0.40
16	2.35	1.45	0.30	0.15	0.40
15	2.80	1.60	0.30	0.15	0.40
14	3.05	1.82	0.30	0.20	0.40
13	3.55	2.03	0.30	0.20	0.40
12	3.81	2.26	0.30	0.20	0.40
11	4.32	2.50	0.30	0.20	0.40
10	4.85	2.80	0.30	0.20	0.40
9	5.20	3.10	0.38	0.20	0.50
8	6.10	3.55	0.38	0.20	0.50
7	6.85	3.90	0.38	0.20	0.50
6	7.67	4.40	0.38	0.25	0.50
5	8.10	4.90	0.38	0.25	0.50
4	9.40	5.45	0.38	0.25	0.50
3	9.90	6.12	0.38	0.25	0.50
2	10.90	6.90	0.38	0.25	0.50
1	11.45	7.65	0.38	0.25	0.50
0	11.95	8.56	0.38	0.25	0.50

Standard length: 1,22 mtr/pc or production lengths on spool. Other lengths available on request

The above mentioned dimensions and tolerances are our standard.

Other dimensions and/or tolerances available on request