

Heat shrink tube, PTFE, Teflon tubing with 2:1 shrink ratio

These heat shrinking tubes are made of PTFE, polytetrafluoroethylene. With a heat shrink ratio of 2 to 1 and an enormous operating temperature range from -200°C to +260°C these heat shrink tubes can be used for a very wide range of industries. The excellent lubricity and chemical resistance, the ability to sterilization, flame resistance and biocompatibility on request makes it even suitable for medical applications.



Product Facts of heat shrink tube FEPS

- Biocompatibility on request (USP)
- Chemical resistance
- Low coefficient of friction
- Flame resistance
- Sterilisable (ETO)
- High shrink ratio

Temperature

Operating range	-200°C to +260°C
Min. shrinking temperature	+340°C

Specifications and Approvals of heat shrink tube FEPS

- USP Class VI on request
- Complies with AS23053/12

Standard wall (AWG)

Series	Size AWG	Inside diameter		Wall thickness	
		As supplied	After heating	Nominal	Tolerance
SW	30	0.86	0.38	0.23	+/-0.05
SW	28	0.96	0.46	0.23	+/-0.05
SW	26	1.17	0.56	0.25	+/-0.05
SW	24	1.27	0.69	0.30	+/-0.05
SW	22	1.40	0.81	0.30	+/-0.05
SW	20	1.52	0.99	0.41	+/-0.08
SW	19	1.65	1.09	0.41	+/-0.08
SW	18	1.93	1.24	0.41	+/-0.08
SW	17	2.16	1.37	0.41	+/-0.08
SW	16	2.36	1.55	0.41	+/-0.08
SW	15	2.79	1.70	0.41	+/-0.08
SW	14	3.05	1.83	0.41	+/-0.08
SW	13	3.56	2.03	0.41	+/-0.08
SW	12	3.81	2.26	0.41	+/-0.08
SW	11	4.32	2.57	0.41	+/-0.08
SW	10	4.85	2.84	0.41	+/-0.08
SW	9	5.21	3.15	0.51	+/-0.10
SW	8	6.10	3.58	0.51	+/-0.10
SW	7	6.86	4.01	0.51	+/-0.10
SW	6	7.67	4.52	0.51	+/-0.10
SW	5	8.13	5.03	0.51	+/-0.10
SW	4	9.40	5.69	0.51	+/-0.10
SW	3	9.91	6.32	0.51	+/-0.10
SW	2	10.92	7.60	0.51	+/-0.10
SW	1	11.43	7.90	0.51	+/-0.10
SW	0	11.94	8.81	0.51	+/-0.10

Dimensions in mm

Thin wall (AWG)

Series	Size AWG	Inside diameter		Wall thickness	
		As supplied	After heating	Nominal	Tolerance
DW	30	0.86	0.38	0.23	+/-0.05
DW	28	0.96	0.46	0.23	+/-0.05
DW	26	1.17	0.56	0.25	+/-0.05
DW	24	1.27	0.69	0.25	+/-0.05
DW	22	1.40	0.81	0.30	+/-0.05
DW	20	1.52	0.99	0.30	+/-0.08
DW	19	1.65	1.09	0.30	+/-0.08
DW	18	1.93	1.24	0.30	+/-0.08
DW	17	2.16	1.37	0.30	+/-0.08
DW	16	2.36	1.55	0.30	+/-0.08
DW	15	2.79	1.70	0.30	+/-0.08
DW	14	3.05	1.83	0.30	+/-0.08
DW	13	3.56	2.03	0.30	+/-0.08
DW	12	3.81	2.26	0.30	+/-0.08
DW	11	4.32	2.57	0.30	+/-0.08
DW	10	4.85	2.84	0.30	+/-0.08
DW	9	5.21	3.15	0.38	+/-0.10
DW	8	6.10	3.58	0.38	+/-0.10
DW	7	6.86	4.01	0.38	+/-0.10
DW	6	7.67	4.52	0.38	+/-0.10
DW	5	8.13	5.03	0.38	+/-0.10
DW	4	9.40	5.69	0.38	+/-0.10
DW	3	9.91	6.32	0.38	+/-0.10
DW	2	10.92	7.60	0.38	+/-0.10
DW	1	11.43	7.90	0.38	+/-0.10
DW	0	11.94	8.81	0.38	+/-0.10

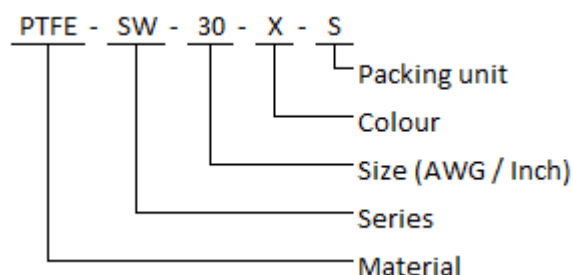
Dimensions in mm

Light wall (AWG)

Series	Sizes AWG	Inside diameter		Wall thickness	
		As supplied	After heating	Nominal	Tolerance
LW	30	0.86	0.38	0.15	+/-0.05
LW	28	0.96	0.46	0.15	+/-0.05
LW	26	1.17	0.56	0.15	+/-0.05
LW	24	1.27	0.64	0.15	+/-0.05
LW	22	1.4	0.79	0.15	+/-0.05
LW	20	1.52	0.97	0.15	+/-0.05
LW	19	1.65	1.09	0.15	+/-0.05
LW	18	1.93	1.17	0.15	+/-0.05
LW	17	2.16	1.37	0.15	+/-0.05
LW	16	2.36	1.45	0.15	+/-0.05
LW	15	2.79	1.6	0.15	+/-0.05
LW	14	3.05	1.83	0.2	+/-0.05
LW	13	3.56	2.03	0.2	+/-0.05
LW	12	3.81	2.26	0.2	+/-0.05
LW	11	4.32	2.51	0.2	+/-0.05
LW	10	4.85	2.79	0.2	+/-0.05
LW	9	5.21	3.1	0.2	+/-0.05
LW	8	6.1	3.53	0.2	+/-0.05
LW	7	6.86	3.91	0.2	+/-0.05
LW	6	7.67	4.37	0.25	+/-0.08
LW	5	8.13	4.88	0.25	+/-0.08
LW	4	9.4	5.44	0.25	+/-0.08
LW	3	9.91	6.12	0.25	+/-0.08
LW	2	10.92	6.86	0.25	+/-0.08
LW	1	11.43	7.65	0.25	+/-0.08
LW	0	11.94	8.81	0.3	+/-0.08

Dimensions in mm

Part Number (example):



Thick wall (inch)

Series	Sizes	Inside diameter		Wall thickness	
		As supplied	After heating	Nominal	Tolerance
IW	1/8	4.22	3.3	0.76	+/-0.13
IW	3/16	6.35	4.9	0.76	+/-0.13
IW	1/4	8.46	6.53	0.76	+/-0.13
IW	5/16	10.54	8.13	0.76	+/-0.13
IW	3/8	12.65	9.73	0.76	+/-0.13
IW	7/16	14.73	11.38	0.76	+/-0.15
IW	1/2	16.92	12.95	0.76	+/-0.15
IW	9/16	19	14.53	0.76	+/-0.15
IW	5/8	21.08	16.18	0.76	+/-0.15
IW	11/16	23.24	17.78	0.81	+/-0.15
IW	3/4	25.4	19.41	1.02	+/-0.18
IW	7/8	29.72	22.63	1.14	+/-0.18
IW	1	33.78	25.91	1.27	+/-0.20

Dimensions in mm

Standard wall (inch)

Series	Sizes	Inside diameter		Wall thickness	
		As supplied	After heating	Nominal	Tolerance
SW	1/8	5.46	3.30	0.51	+/-0.1
SW	1/4	10.41	6.60	0.51	+/-0.1
SW	5/16	11.94	8.36	0.51	+/-0.1
SW	3/8	14.22	10.13	0.64	+/-0.15
SW	7/16	16.64	11.73	0.64	+/-0.15
SW	1/2	19.05	13.31	0.64	+/-0.15
SW	5/8	23.62	16.64	0.76	+/-0.15
SW	3/4	28.58	19.96	0.89	+/-0.2
SW	7/8	33.27	23.14	0.89	+/-0.2
SW	1.00	38.10	26.31	0.89	+/-0.2

Dimensions in mm

Thin wall (inch)

Series	Sizes	Inside diameter		Wall thickness	
		As supplied	After heating	Nominal	Tolerance
DW	1/8	5.46	3.30	0.38	+/-0.08
DW	1/4	10.41	6.60	0.38	+/-0.08
DW	5/16	11.94	8.36	0.38	+/-0.08
DW	3/8	14.22	10.13	0.38	+/-0.08
DW	7/16	16.64	11.73	0.46	+/-0.1
DW	1/2	19.05	13.31	0.46	+/-0.1
DW	5/8	23.62	16.64	0.51	+/-0.1
DW	3/4	28.58	19.96	0.64	+/-0.13
DW	7/8	33.27	23.14	0.76	+/-0.15
DW	1.00	38.10	26.31	0.76	+/-0.15

Dimensions in mm