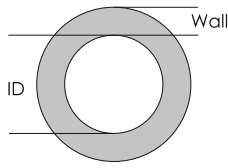


# PTFE Sleevings

## Standard Wall Sleevings - TW



**KEY**  
ID - Internal Diameter



<b>Material</b>	PTFE - Polytetrafluoroethylene (CF <sub>2</sub> ) <sup>n</sup>
<b>Applicable Standards</b>	BS 2848 Type 6 Class 250T; BS EN 60684; BS EN ISO 13000; BS 6564
<b>Manufacturer</b>	Grange Tubes LLP
<b>Country of Origin</b>	UK
<b>HS Code</b>	39173200
<b>ECCN</b>	EU99
<b>Shelf Life &amp; Storage</b>	No special requirements

PART CODE	ID		Wall		Package <small>may contain tape joints</small>
	in.	mm	in.	mm	
TW0	.336 ± .011	8.53 ± 0.28	.015 ± .003	0.38 ± 0.08	50m Coil
TW1	.300 ± .011	7.62 ± 0.28	.015 ± .003	0.38 ± 0.08	50m Coil
TW2	.268 ± .010	6.81 ± 0.25	.015 ± .003	0.38 ± 0.08	50m Coil
TW3	.239 ± .010	6.07 ± 0.25	.015 ± .003	0.38 ± 0.08	50m Coil
TW4	.214 ± .010	5.44 ± 0.25	.015 ± .003	0.38 ± 0.08	50m Coil
TW5	.190 ± .008	4.83 ± 0.20	.015 ± .003	0.38 ± 0.08	50m Coil
TW6	.169 ± .007	4.29 ± 0.18	.015 ± .003	0.38 ± 0.08	50m Coil
TW7	.151 ± .007	3.84 ± 0.18	.015 ± .003	0.38 ± 0.08	100m Coil
TW8	.135 ± .006	3.43 ± 0.15	.015 ± .003	0.38 ± 0.08	100m Coil
TW9	.119 ± .005	3.02 ± 0.13	.015 ± .003	0.38 ± 0.08	150m Reel
TW10	.107 ± .005	2.72 ± 0.13	.012 ± .003	0.30 ± 0.08	200m Reel
TW11	.096 ± .005	2.44 ± 0.13	.012 ± .003	0.30 ± 0.08	250m Reel
TW12	.085 ± .004	2.16 ± 0.10	.012 ± .003	0.30 ± 0.08	250m Reel
TW13	.076 ± .004	1.93 ± 0.10	.012 ± .003	0.30 ± 0.08	250m Reel
TW14	.068 ± .004	1.73 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW15	.062 ± .004	1.57 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW16	.056 ± .004	1.42 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW17	.050 ± .004	1.27 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW18	.045 ± .004	1.14 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW19	.040 ± .004	1.02 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW20	.035 ± .004	0.89 ± 0.10	.012 ± .003	0.30 ± 0.08	500m Reel
TW22	.028 ± .004	0.71 ± 0.10	.010 ± .002	0.25 ± 0.05	500m Reel
TW24	.023 ± .004	0.58 ± 0.10	.010 ± .002	0.25 ± 0.05	500m Reel
TW26	.020 ± .004	0.51 ± 0.10	.010 ± .002	0.25 ± 0.05	500m Reel
TW28	.016 ± .004	0.41 ± 0.10	.009 ± .002	0.23 ± 0.05	500m Reel
TW30	.013 ± .003	0.33 ± 0.08	.008 ± .002	0.20 ± 0.05	500m Reel

### APPLICATIONS

Because of the outstanding electrical properties of PTFE, one of the main uses of PTFE Sleevings is as a flexible electrical insulation. There are many other sleeving applications where PTFE is the most suitable material, for example, cable liners, particularly in push-pull systems, utilising PTFE's very low coefficient of friction.

### SIZE RANGE

There are three standard sizes:

- STW - Thin Wall
- TW - Standard Wall
- HW - Heavy Wall

Bore sizes are based on the American Wire Gauge (AWG) sizes 0 - 30 (for larger bore sizes see our tubing range). Metric sizes are also available, along with a fully customised service for your individual requirements.

### COLOUR RANGE

Our sleeving range is available in all our 12 standard colours. Custom colours, bi-colour, multi-colour, colour stripes and liners can be produced.

### PACKAGING

Sleevings are supplied on reels or in coils as standard. All our sleeving sizes can be cut to any length.

### VALUE ADDED SERVICES

- Cut lengths.
- Cut pieces.
- Spiral cutting (sizes 0-16)
- Plugged ends.
- Cuffed ends
- Flared ends

### PRODUCT COMPLIANCE

#### European Regulation (EC) No. 1907/2006 The Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

None of the Substances of Very High Concern (SVHC) included in the list of candidates for authorisation published by the European Chemicals Agency are present in concentrations greater than those permitted in any of the products manufactured and supplied by Grange Tubes LLP.

#### Directive (EU) 2017/2102 amending Directive 2011/65/EU - The Restriction of the use of certain Hazardous Substances in electrical and electronic equipment - RoHS3

None of the substances restricted by RoHS3 are present in quantities above those permitted within the regulation in any of the products manufactured and supplied by Grange Tubes LLP.

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