

TW(X) Tubing – Technical Data Sheet

Product Data

Storage:

Cool dry place out of direct sunlight

Material:

Polytetrafluoroethylene (CF₂)ⁿ

Operating Temperature:

-70°C to +260°C

Application Method – Push on

Our TW grade PTFE product exhibit excellent resistance to oils, acids, and fuels. This coupled with the materials excellent and unique electrical properties, means it is suitable for use in harsh and extreme conditions. The tubing is available in standard sizes, as well as a variety of colours. The standards applicable to this material are BS 2848 Type 6 Class 250T; BS EN 60684; BS EN ISO 13000.

- Inert to all chemicals
- Hydrophobic
- Extremely low coefficient of friction
- Anti-Stick
- Non-Flammable



Property	Value	Test Method
Operating Temperature	-70°C to +260°C	
Flammability	UL94 V-0	
Elongation at Break	350%	
Tensile Strength	33 N/mm ²	
Water Absorption	<0.01%	
Dielectric Strength	19.7KV/mm	
Oxygen Index	>95%	
Melting Temperature	253-282°C	
Thermal Conductivity	0.25-0.50W/m.K	

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Ordering Information

TW(X) Sleeving

Product Reference	Internal Diameter (mm)	Standard Wall Thickness (mm)	Colours	Form
TW(X)30	0.36	0.20	BK = Black	Continuous Sleeving
TW(X)26	0.5	0.25	BN = Brown	Cut Sleeves
TW(X)22	0.71	0.25	RD = Red	Pre-lubricated
TW(X)19	1.01	0.30	OR = Orange	Spiral Cut
TW(X)12	2.16	0.30	YW = Yellow	Slit Cut
TW(X)9	3.02	0.38	GN = Green	Par-o-Cut
TW(X)6	4.29	0.38	BE = Blue	Printed Markers
TW(X)4	5.43	0.38	VT = Violet	Resistor Colour Coded
TW(X)3	6.07	0.38	GY = Grey	Kit Boxes
TW(X)1	7.62	0.38	WE = White	
TW(X)0	8.63	0.38	PK = Pink NA = Natural	

TW(X) Markers

Product Reference	Internal Diameter (mm)	Standard Wall Thickness (mm)	Colours	Form
TW(X)30	0.36	0.20	BK = Black	Numeric
TW(X)26	0.5	0.25	BN = Brown	Alpha-Numeric
TW(X)22	0.71	0.25	RD = Red	Alpha-Characters
TW(X)19	1.01	0.30	OR = Orange	Instructions
TW(X)12	2.16	0.30	YW = Yellow	Symbols
TW(X)9	3.02	0.38	GN = Green	Tables
TW(X)6	4.29	0.38	BE = Blue	Logos
TW(X)4	5.43	0.38	VT = Violet	Single Line
TW(X)3	6.07	0.38	GY = Grey	Multi Line
TW(X)1	7.62	0.38	WE = White	Once Around Sleeve
TW(X)0	8.63	0.38	PK = Pink NA = Natural	Multiple around sleeve

Please contact us for any sizes not listed.....

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