

STW 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 STW 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
- REACH & RoHS Compliant



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

STW Sleeving

Product Reference	Internal Diameter (mm)	Standard Wall Thickness (mm)	Colours	Form
STW7	3.84	0.2	BK = Black	Continuous Sleeving
STW8	3.43	0.2	BN = Brown	Cut Sleeves
STW9	3.02	0.2	RD = Red	Pre-lubricated
STW10	2.72	0.2	OR = Orange	Spiral Cut
STW11	2.44	0.2	YW = Yellow	Slit Cut
STW16	1.42	0.2	GN = Green	Par-o-Cut
STW18	1.14	0.2	BE = Blue	Printed Markers
STW19	1.02	0.18	VT = Violet	Resistor Colour Coded
STW20	0.89	0.18	GY = Grey	Kit Boxes
STW22	0.71	0.15	WE = White	
STW24	0.58	0.15	PK = Pink	
STW26	0.51	0.15	TR = Transparent	
STW28	0.41	0.15		

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

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