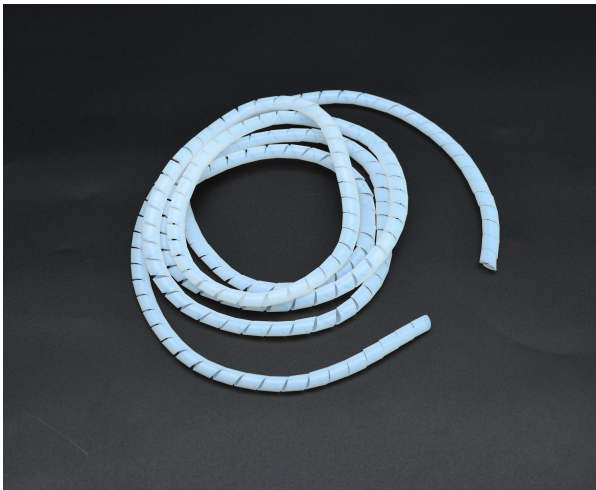


# PTFE SPIRAL WRAP/CUT TUBING

## PTFE

### ● Overview

Name	Fire Resistance Rating	Application	Working Temperature
PTFE	VW-1, 200°C 1500V	Suitable for insulation and mechanical protection in harsh chemical and high-temperature environments. Especially used for anti-contamination and corrosion of hydraulic pipes and probe heads. It has excellent mechanical strength and an extremely low coefficient of friction, widely applied in the communication market and industry.	-60°C to 200°C



### Key Properties:

- High flame resistance.
- High insulating performance.
- Excellent resistance to chemical agents .
- Compliance with ROHS, REACH, and Sony environmental standards and requirements.

### ● Specifications

Item	Test Method	Unit	Value
Density	ASTM D792	g/cm <sup>3</sup>	2.16
Tensile Strength	ASTM D638	MPa	24.5
Elongation at Break	ASTM D638	%	350
Flexural Strength	ASTM D790	MPa	490
Impact Strength	ASTM D256+23°C-54°C J/m	—	-No Break- 107
Hardness	ASTM D2240	Shore D	55
Dynamic Coefficient of Friction	—	—	0.1
Melting Point	—	°C	327
Fire Resistance Rating	UL-224	—	VW-1
Dielectric Constant at 103-106 Hz	ASTM D150	—	2.1
Dissipation Factor at 106Hz	ASTM D150	—	0.0002
Arc Resistance	ASTMD495 (Stainless Steel Electrodes)	S	> 300
Volume Resistivity	ASTM D257	Ω·cm	>10 <sup>18</sup>
Weather Resistance	Weather-o-meter ( 2000h )	—	No cracking
Solvent Resistance	ASTM D543	—	Excellent
Chemical Resistance	ASTM D543	—	Excellent

## ● Order Info

Color	Standard	Clear
	Non-standard	Other Colors
Size	Special size and color are available on request.	
Packaging	Spool (Coil)	
Order	Please note the product name, size, and color on the order.	

## ● Standard Size

Size	Inner diameter (mm)	Wall Thickness (mm)	Pitch (mm)
Φ 2.0	2.0±0.3	0.4±0.08	5-15
Φ 3.0	3.0±0.3	0.5±0.08	5-15
Φ 4.0	4.0±0.3	0.5±0.08	5-15
Φ 5.0	5.0±0.4	0.5±0.08	5-15
Φ 6.0	6.0±0.4	0.5±0.08	5-15
Φ 7.0	7.0±0.5	0.5±0.08	5-15
Φ 8.0	8.0±0.5	0.5±0.08	5-15
Φ 9.0	9.0±0.5	0.5±0.08	5-15
Φ 10.0	10.0±0.5	0.6±0.08	5-15

*Custom sizes and specifications beyond the list are available on request.*

