

# Optinova Zebra Spiral PTFE Heat Shrink Tubing

Solutions for Medical Applications.



Optinova "Zebra" Spiral PTFE Heat Shrink is ideal for jacketing of endoscopic and urologic guidewires. The distinctive spiral "zebra" pattern, enhances visibility and improves operator control during procedures.

Our heat shrink tubing is made exclusively from premium-grade virgin PTFE, ensuring top-quality performance. These tubes are available in 2:1 and 4:1 shrink ratios.



## Key advantages

- **Shrink Ratios:** Available in 2:1 or 4:1 shrink ratios.
- **Exceptional Lubricity:** PTFE material provides a highly smooth coating, ideal for applications like guide wires in medical devices
- **Durability:** Resistant to heat, shock, corrosion, moisture, and extreme environmental conditions.
- **Customization:** Offered in custom sizes and colors to meet specific needs, increasing versatility.
- **Sterilization:** Compatible with sterilization methods such as EtO or autoclave, essential for medical applications.

## Applications

- Insulation and jacketing of guidewires

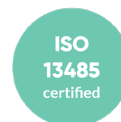
Guidewire Size	0.64mm (0.025")	0.89mm (0.035")
Expanded ID	0.80 mm (Min)	0.95 mm (Min)
Mandrel Size	0.51mm	0.59mm
Recovered OD on Mandrel	0.64mm	0.89mm
Recovered ID	0.25mm (Max)	0.25mm (Max)

## Technical specifications

Expanded ID Min:	0.68 - 0.98 mm (0.027" - 0.038")
Recovered Wall Max: Commonly:	0.10 - 0.22 mm 0.14 mm +/- 0.02 mm
Length	max 5m (16ft)
Pitch:	Max 16 stripes/inch
Color:	Black/Yellow, Black/Pink, White/Blue, Black/Green, White/Green

For more technical information, please contact us at our sales offices or visit our website: [optinova.com/contacts](https://optinova.com/contacts)

## Medical-grade certifications



Highly visible guidewire jackets help ensure minimally invasive surgeries go smoothly



# Your trusted partner for reliable medical tubing solutions.



## Properties

	PTFE
Shrink Temperature:	Ca 330° C (626° F)
Shrink Ratio:	2:1 and 4:1
Length Change	+/- 12%
Working Temperature:	-250° C to 260° C -436° F to 500° F
Chemical resistance:	Excellent
Flammability	UL 94 V0
Shelf Life	Infinite
Water Absorption:	>0,01%
Hardness:	D60
UV Resistance	Unaffected
Ozone Resistance	Unaffected
Sterilization	EtO, Steam
Food grade materials	Available

*Note: This table is only meant to serve as a reference and the values are not necessarily typical for any specification. Users should evaluate the material to determine the suitability for their application.*

Standard supply is cut pieces, max length 5m (16ft)

Custom dimensions and lengths can be made upon request, but typically centered around the common guide wire sizes .025" and .035".

## About Us

Founded in 1971, Optinova is a world-leading extrusion partner for advanced medical and industrial tubing. With sales offices around the world and four extrusion plants in Finland, Thailand, and the US, we are serving partners from 50+ countries across industries.

## Contact Us

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