



**BLADEN**



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**Fluorochemicals Technologies Co., Ltd**

ADD: No.198 Yunhe Road, 213023, Changzhou, China



PROFESSIONAL QUALITY PURSUE EXCELLENT

# SCALE PRODUCTION QUALITY ASSURANCE



## COMPANY PROFILE

Bladen Fluorochemicals is a leading company in the manufacturing of high-quality PTFE, ePTFE, and filled PTFE products. With our dedication to excellence and innovation, we have become a trusted name in the industry. Our commitment to delivering superior products, exceptional service, and reliable solutions sets us apart from the competition.

We offer a comprehensive range of virgin PTFE products, from PTFE sheets, rods, and tubes to custom-molded components; a range of filled PTFE products including compounds with fillers such as glass fibers, carbon, graphite, and bronze, providing improved mechanical strength, thermal conductivity, and wear resistance. We also specialize in manufacturing ePTFE membranes, gaskets, and tapes that exhibit exceptional porosity, making them suitable for various filtration, gasketing, and sealing applications.

We prioritize quality control at every stage of production. Our dedicated quality assurance team implements rigorous inspection procedures to ensure that our products meet our customer's standards.



# PTFE TUBING

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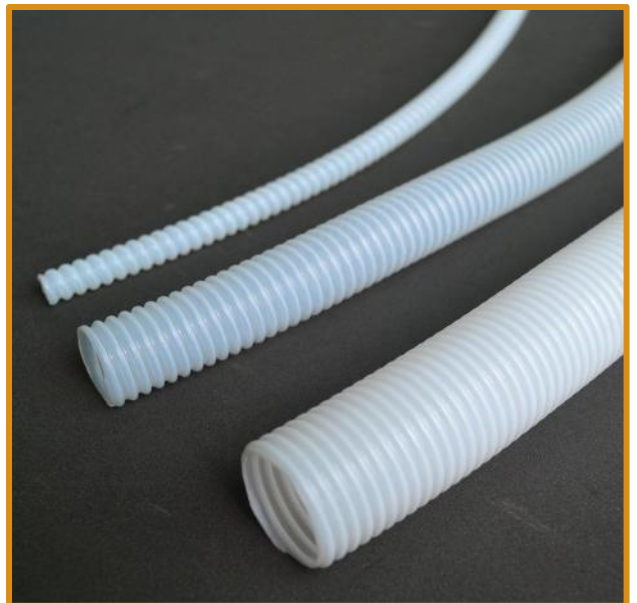
## PTFE TUBING

PTFE Tubing is a high temperature tubing operating up to 500°F/260°C. Fluoroplastic tubing is chemically inert, corrosion resistant, and features the lowest coefficient of friction of any tubing.



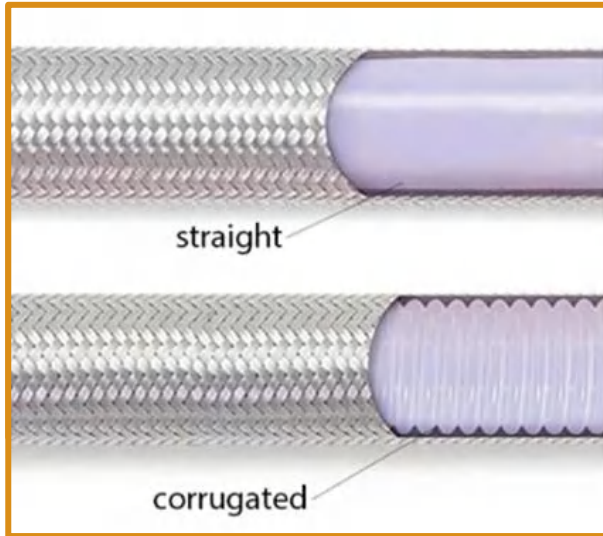
## PTFE CONVOLUTED TUBING

Convoluted tubing is extremely flexible and ideal for applications where a tighter bend radius, increased pressure handling or crush resistance is needed.



## PTFE BRAIDED HOSE

Compared with non-braided PTFE hose, the braided construction provides additional strength and support to the PTFE hose, enhancing its durability and allowing it to withstand higher pressure applications.



## PTFE COILED TUBING

Our PTFE coiled tube is manufactured by extruding PTFE resin into a long continuous tube, which is then heated and wound into a coil shape. The coiled design provides flexibility and allows the tube to stretch and recoil, making it ideal for applications where flexibility and continuous flow are required.

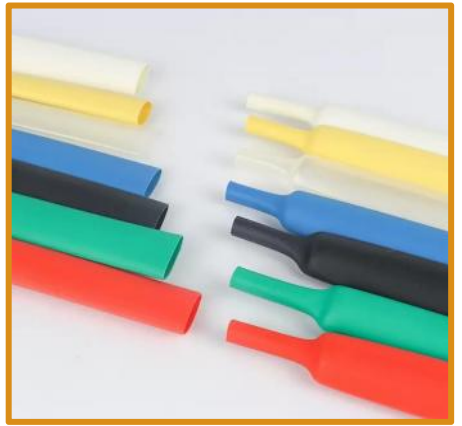


# PTFE TUBING

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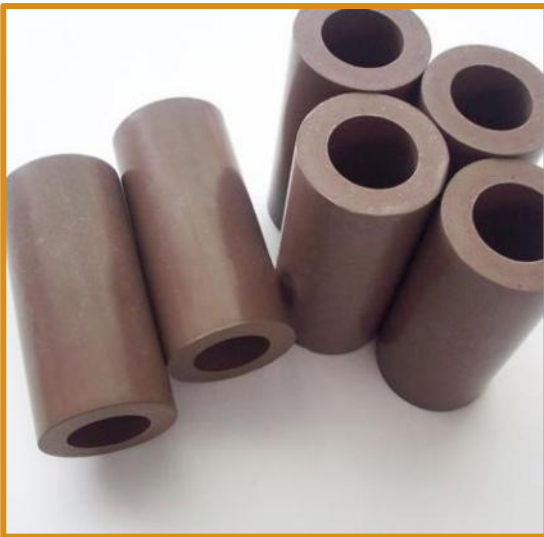
## PTFE HEAT SHRINK TUBING

PTFE heat shrink tubing is designed to shrink when exposed to heat, resulting provide a secure covering for wires, cables, and other components.



## FILLED PTFE TUBING

The addition of fillers to PTFE tube can enhance its strength, stiffness, dimensional stability, and wear resistance. The percentage of a filler is depend on the specific application and the type of filler material used.





# PTFE ROD/BAR



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PTFE rod, round bars, square bars, and rectangle bars are all variations of PTFE bars made from the same material but differ in their shape. is mainly suitable for the manufacture of long-sized products and non-standard components.



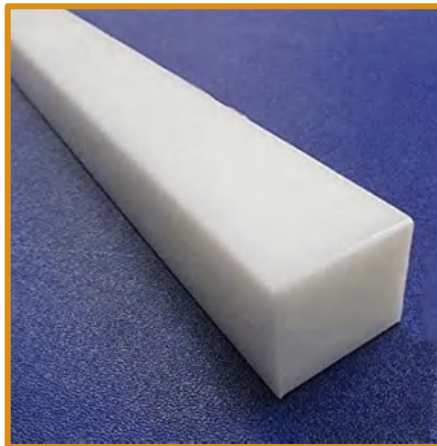
PTFE SOLID ROD



PTFE HOLLOW ROD



PTFE SQUARE BAR



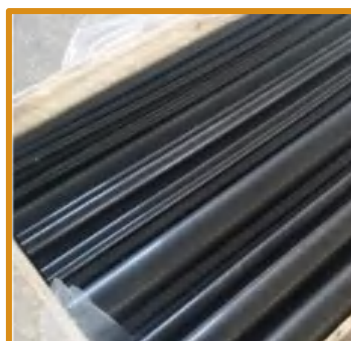
PTFE RECTANGULAR BAR



FILLED PTFE ROD



GLASS FILLED PTFE ROD



CARBON FILLED PTFE ROD



BRONZE FILLED PTFE ROD

# PTFE ROD/BAR

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## PRODUCT CATEGORIES

Molding allows for precise control over the dimensions and properties; Extrusion is often used for continuous production of longer lengths.

CATEGORIES	DIAMETER(mm)	LENGTH(mm)
MOLDED	6-500	10-300
EXTRUDED	1-200	1000 or 2000

### MOLDED PTFE ROD



### EXTRUDED PTFE ROD





# PTFE PLATE



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## PRODUCT CATEGORIES

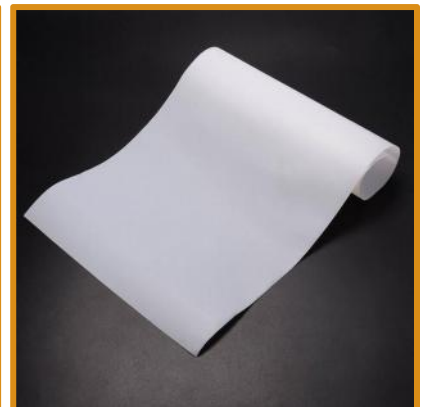


MOLDED PLATE



TURNING SHEET

CATEGORIES	LENGTH(mm)	WIDTH(mm)	THICKNESS(mm)
MOLDED	100-1500	100-1500	4-120
TURNING	30-1500	as required	0.2-12

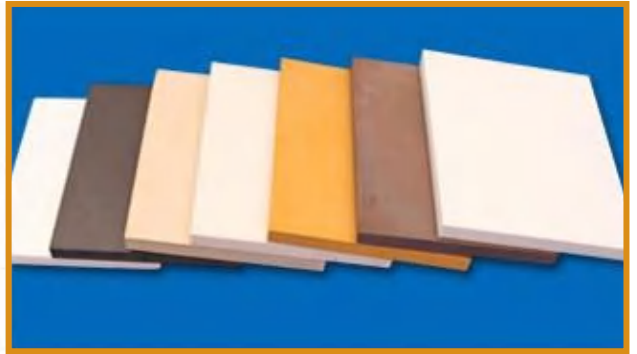
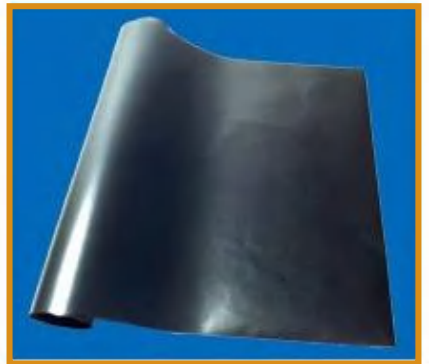


# PTFE PLATE

PROFESSIONAL QUALITY PURSUE EXCELLENT

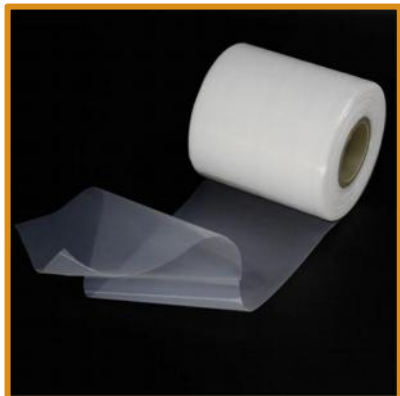
## FILLED PTFE PLATE/SHEET

The addition of fillers to PTFE sheets will improve certain characteristics and reduce cost. Some common fillers include glass fibers, carbon fibers, bronze, and other materials.



## PTFE FILM

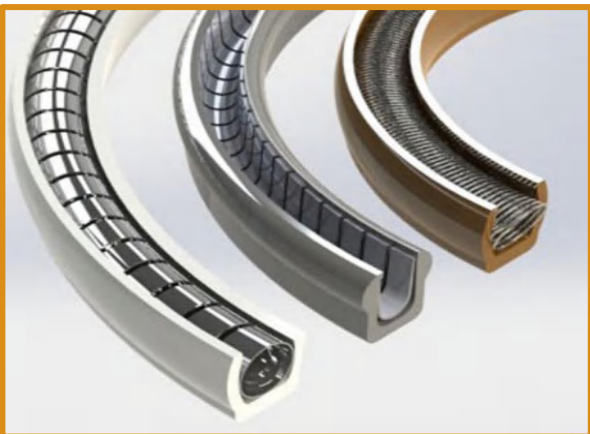
PTFE film is a thin and flexible material with a thickness ranging from a few micrometers to 0.5 mm (0.02 inch). It is suitable for protective and insulating purposes.



# PTFE SEALS



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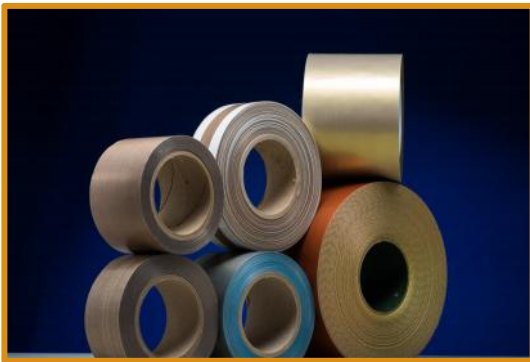


# **BLADEN** PTFE TAPE

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Available in various colors to indicate its specific usage.



**PTFE COATED FIBERGLASS TAPE**



**ePTFE TAPE**



**PTFE ADHESIVE TAPE**

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PTFE MEMBRANE SHEET



PTFE MEMBRANE DISC



PTFE MEMBRANE CAPSULE



PTFE GASKET



ePTFE Gasket



PTFE ROPE GASKET



PTFE CUSTOMIZATION



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