

## Plastics

## PTFE Bar

Datasheet Updated  
05 August 2021

### RANGE

Product Form	Size Range
Round Bar	4.0mm - 90.0mm

### SPECIFICATIONS

Commercial	PTFE
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One of the most commonly used and important fluoropolymer materials.

### SUPPLIED FORMS

- Bar
- Rod

### APPLICATIONS

PTFE is often used in the following industries: Aerospace, chemical, food technology, cryogenic engineering, mechanical engineering & semiconductor technology.

- Gaskets
- Chute linings
- Insulators
- Valve seats
- "O" rings
- Sliding applications under high chemical stress

### CHARACTERISTICS

- Extremely high chemical resistance
- Very good temperature resistance (-200+260°C, short-term up to 300°C)
- Very low coefficient of friction
- Extremely low surface tension (practically no materials stick to PTFE, difficult to adhere to or weld)
- High coefficient of thermal expansion
- Relatively low strength/rigidity
- Low dielectric constant
- Flame resistance
- Food approved & non toxic

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