

## FEATURES

- Excellent resistance to chemicals
- Excellent co-efficiency of friction
- Excellent weathering properties
- Excellent electrical insulation properties

# RS PRO Polytetrafluoroethylene (PTFE) Flexible Tube, Natural, 6mm External Diameter, 50m Long

RS Stock No.: 186-0591



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

Introducing RS PRO PTFE (Polytetrafluoroethylene) flexible tubing, a selection of highly durable and versatile PTFE tubing suitable for a wide range of applications. The tubes are manufactured from Polytetrafluoroethylene material offering an excellent range of benefits including a very high resistance to chemicals and corrosion, resistance to varied temperatures and excellent electrical insulation properties as well as remaining flexible. Due to the versatility of the material, PTFE is used in a wide range of industries from aerospace to medical.

### General Specifications

<b>Material</b>	Polytetrafluoroethylene (PTFE)
<b>Colour</b>	Natural
<b>Application</b>	Aerospace, Medical, Chemical, Cookware, Pneumatic control system, Fuel and Lubrication lines, Chemical transfer tubing

### Mechanical Specifications

<b>Inner Diameter</b>	4mm
<b>Outer Diameter</b>	6mm
<b>Length</b>	50m
<b>Bend Radius</b>	54mm – 66mm

### Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-60°C
<b>Maximum Operating Temperature</b>	+250°C

### Approvals

## Compliance/Certifications

FDA approved



Product Ref	Internal Diameter	External Diameter	Minimum Burst Pressure	Coil Length
1860591	4mm	6mm	84 Bar	50m
1860592	6mm	8mm	56 Bar	50m
1860593	8mm	10mm	42 Bar	50m
1860595	10mm	12mm	34 Bar	50m