

620P Series

Polytetrafluorethylene (PTFE) Tubing

General Applications:

- Aerospace and aviation applications
- Chemical transfer
- Industrial and mechanical applications
- Medical applications

Construction: PTFE – natural color. Formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements. Meets USP Class VI⁽¹⁹⁾ and RoHS⁽¹⁶⁾ criteria.

Service Temperature Range:

-454°F (-270°C) to +500°F (+260°C)†

Features and Advantages:

- **Superior Chemical Resistance** – Chemical resistant PTFE compatible with an extremely wide range of industrial chemicals and solvents.
- **Handles Extreme Temperatures** – Service temperature range from -454°F to +500°F. Widest temperature range of any Kuri Tec product!
- **Food Grade Materials** – Tubing complies with applicable FDA and USP Class VI requirements.
- **Chemically Inert** – Will not react with most substances.
- **Flame Retardant** – Manufactured to meet UL94-V-O rating of the Standard for Safety of Flammability of Plastic Material in Devices and Appliance Testing.
- **Meets ASTM-D3295** – Physical properties compliant with ASTM requirements for PTFE tubing.



Nominal Specifications

| Series | Size Code | Nominal OD | | Nominal ID | | Nominal Wall | | Working Pressure (PSI) at 70°F (20°C) | Standard Lengths Coils (ft.) | Approx. Wt. per Pkg. (lbs.) |
|--------|-----------|------------|------|------------|------|--------------|------|---------------------------------------|------------------------------|-----------------------------|
| | | (in) | (mm) | (in) | (mm) | (in) | (mm) | | | |
| 620P | 0463 | 1/4 | 6.4 | .125 | 3.2 | .063 | 1.6 | 372 | 100 | 2.3 |
| 620P | 0431 | 1/4 | 6.4 | .188 | 4.8 | .031 | 0.8 | 174 | 100 | 1.8 |
| 620P | 0663 | 3/8 | 9.5 | .250 | 6.4 | .063 | 1.6 | 240 | 100 | 5.8 |
| 620P | 0863 | 1/2 | 12.7 | .375 | 9.5 | .063 | 1.6 | 150 | 100 | 6.5 |

†Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

Note: For details of the following compliances, refer to page 63 of the Kuri Tec catalog.

FDA⁽⁰³⁾, UL⁽¹⁷⁾, USP⁽¹⁹⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.