

RAM EXTRUDED PTFE Tubing

Choose Nordson MEDICAL, and choose one of the world's leading manufacturers of custom PTFE tubing for the medical industry. Ram extruded PTFE tubing is an ideal material choice for medical device applications that require maximum surface lubricity, high chemical and thermal resistance, and/or exact extrusion tolerances.

WORLD LEADING MANUFACTURER

We offer a wide range of chemically inert PTFE tubing that delivers excellent dielectric insulation properties, a working temperature range of 500° F to -400° F, and high thermal resistance. Our custom PTFE extrusion capabilities include:

- Custom profiles and monofilament
- Custom multi-lumen: 2 - 6 lumens
- Micro-bore: 0.002" - 0.020" (0.051 mm - 0.51 mm) IDs
- Thin wall: 0.021" - 0.300" (0.52 mm - 7.62 mm) IDs; walls from 0.001" (0.025 mm)
- Radiopaque fillers
- Inline and dip etching

WORLD LEADING MANUFACTURER

- Single-lumen tubing
- Multi-lumen/profile extrusions
- Thin-wall & micro-bore tubing
- Radiopaque tubing
- Splittable tubing
- Etched liners

PERFORMANCE SPECIFICATIONS

- Upper Service Temperature: 500° F/260° C
- Melting Point: 635° F - 650° F/327° C
- Tensile Strength: 2500 - 4000 psi
- Specific Gravity: 2.13 - 2.24
- Coefficient of Friction: 0.08

DEVICE COMPONENTS

- Tear-away/splittable sheath
- Filled PTFE
 - Custom colors
 - Radiopaque fillers
- Etched PTFE liner
 - Micro-bore/thin-wall/over-wire
- Tubing for packaging or stent crimping/assembly