

FLUOR-O-FLO® NPT Threaded Piping System - PTFE Engineering Specifications

All pipe in sizes 1/8" through 4" shall be schedule 80 suitable for NPT threading, and shall be made from virgin PTFE (polytetrafluoroethylene) resin conforming to ASTM D4894 Type V. Fittings having only male NPT threaded end connections shall be made from virgin PTFE resin conforming to ASTM D4894 Type V, or ASTM D4894 Type I Grade 1, and shall have pressure ratings equal to or greater than that of the schedule 80 pipe. Fittings having any female NPT threaded end connections shall be made from MICROFLON™ low-creep virgin PTFE resin conforming to ASTM D4894 Type III, Grade 1, and shall have pressure ratings equal to or greater than that of the schedule 80 pipe. The PTFE resin used by Micromold Products, Inc. conforms to FDA requirements as described in Title 21 CFR Part 177.1550, Perfluorocarbon Resins.

Installation shall be performed in accordance with Micromold's Technical Bulletin: "FLUOR-O-FLO® PTFE Piping System Installation Instructions."

For further information regarding these and other related products, please refer to other MICROMOLD PRODUCTS' publications:

- Technical Bulletin, Pressure Ratings, FLUOR-O-FLO® PTFE Piping System.
- Sales Bulletin, FLUOR-O-FLO® PTFE NPT Piping System.
- Sales Bulletin, FLUOR-O-FLO® PTFE Tank Adapters (Bulk-head Fittings).
- Sales Bulletin, FLUOR-O-FLO® PTFE Manifolds.
- Sales Bulletin, FLUOR-O-FLO® PTFE Cam-Lock, Quick-Connect Coupling.
- Sales Bulletin, FLUOR-O-FLO® PVDF & PTFE Y-Strainers.
- Sales Bulletin, FLUOR-O-FLO® PVDF & PTFE Basket Strainers.
- Sales Bulletin, FLUOR-O-FLO® PTFE Plug Valves.

