

# FLUOR-O-FLO® PTFE Piping Systems

## Micromold FLUOR-O-FLO® Virgin PTFE NPT Piping System

Schedule 80

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PURE WATER, INSTITUTIONAL & LAB PIPING SYSTEMS



The FLUOR-O-FLO® PTFE piping system is well suited for low pressure laboratory and process industry applications demanding:

- Extreme Corrosion Resistance
- High Temperature Capability
- High Purity

It is less expensive than PTFE lined piping systems, and has several application advantages:

- it is easier to cut to length and install
- it is easier to reuse
- it is available in small pipe sizes



Compared to systems made of nickel alloy, such as stainless steel or Hastelloy®, or of exotic metals, such as tantalum or zirconium, the FLUOR-O-FLO® system is often a more cost effective solution to handling difficult fluids.

Also Available: FLUOR-O-FLO® PTFE Threaded Piping System

All pipe and fittings are solid virgin PTFE. To maximize creep resistance, FNPT fittings are made from special virgin PTFE: Micromold's MICROFLON™.

Available in pipe sizes ranging from 1/8" through 4". Pipe schedule is 80. Standard length is 8 feet. Other lengths available.


Standard NPT threaded fittings available include the following:

- Nipples
- 45° & 90° Elbows
- Street Elbows
- Straight Couplings
- Reducing Couplings
- Bushings
- Adapters: NPT to Hose Barbs; NPT to Tri-Clamp
- Plugs
- Unions
- Tees
- Caps
- Threaded Flanges
- Tank Adapters
- Manifolds
- Cam-Lock, Quick-Connect Coupling

*Other fittings available on request*

Strainers      Dip Pipes      Piping Systems

**FLUOR-O-FLO®**  
PTFE and PVDF systems  
for your most corrosive  
applications

 **MICROMOLD PRODUCTS, INC.**  
Made in USA since 1950  
[www.micromold.com](http://www.micromold.com)

## Micromold FLUOR-O-FLO® Dip Pipes & Spargers

PTFE Lined and Jacketed Steel



### MATERIALS

LINERS, JACKETS AND SEALS	Virgin PTFE
PIPES AND FLANGES	Carbon steel is standard. Stainless steel, Monel, or other special materials are available.

### SIZES

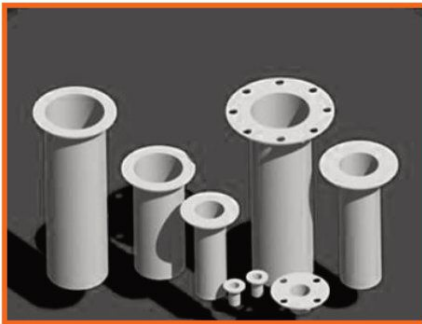
FLANGES	Up to 10" 150 lb. is standard. 300 lb. or special flanges are available.
PIPE SIZES	1/2" through 6" are standard. Larger sizes and specials available.
LENGTHS	Lengths to 15 feet are standard. Longer lengths available.

### STYLES

STANDARD UNITS	Double, single, and reducing flanged styles available.
CURVED UNITS	Sizes up to 3" are standard.
REINFORCED UNITS	Double-walled steel pipe for extra strength.

## Micromold FLUOR-O-FLO® Nozzle Liners

Solid Virgin PTFE



### NOZZLE SIZE

Standard liners fit nozzles from 1/2" to 18" pipe size. Special sizes available on request.
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### LENGTH

Up to 4" nominal pipe size, lengths available to 15 feet. Over 4" nominal size, lengths available to 30".
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### FLANGE DIAMETER

Minimum diameter of flange of standard liners corresponds to the raised face of ANSI Class 150 flanges. Full face or other special flange diameters available on request.
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### THICKNESS

Wall thickness of standard liners increases with liner size, from a minimum of 1/16" wall up to 1/4" wall. Nonstandard wall thickness available on request. Seal thickness equal to wall thickness standard, other seal thicknesses available on request.
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### END

Square cut end is standard. Diagonal cut available on request.
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## Micromold FLUOR-O-FLO® Spacers and Flanges

PTFE, PVDF, PPL or CPVC



### MATERIALS

Virgin PTFE, PVDF. Also PPL or CPVC. Other materials on request.
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### STYLES

Ring, Full Face, Reducing, Blind, Orifice, Tapered, Conical Bore, Armored, Filler Flanges, Spectacle Line-Blinds
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### PIPE SIZES

1/2" through 12", larger on request.
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### FLANGE SIZES

Class 150, 300 and ISO metric sizes
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### LENGTHS

To 12", longer on request.
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