

Nylon Manifolds

An Economical Alternative to Steel Manifolds



Features

- Molded from Fiberglass filled nylon for strength and corrosion resistance
- Cost savings over conventional manifolds
- Lightweight and color-coded for easy identification
- Convenient, ready-to-use molded in threads
- Use with nylon, steel or brass fittings with no risk of galvanic corrosion
- Marked in and out with numbered ports for easy installation
- 1" and 1-1/2" NPT(F) standard inlet sizes
- 1/4", 3/8" and 1/2" NPT(F) port sizes available

Description

Nylon Manifolds are molded from a 6% fiberglass-filled nylon material providing extreme durability and resistance to impact and corrosion. These manifolds provide an effective replacement for traditional steel and copper manifolds commonly used for distributing air, water, lubricants or coolant. Nylon Manifolds are used in a wide range of applications including the injection molding, machine tooling, robotics and semi-conductor industries. The fiberglass filled nylon construction, and molded-in NPT thread design assure leak free NPT pipe connections. Manifolds are marked in and out and have numbered ports for easy installation and identification.

Nylon Manifolds

Economical and Durable

Nylon Manifolds are extremely durable and resistant to impact and corrosion. For use with air, water, lubricants or coolants they provide an economical alternative to conventional steel or copper units.

Specifications

Material: 6% Fiberglass Filled Nylon (Zytel)

Temperature Rating: 0° to 150° F

Max Working Pressure: 120 psi @ 150° F, 200 psi @ 120° F

Standard Colors: Blue, Red, White

Options: Nylon end plugs, mounting brackets, full port or mini port ball valves

Part Numbers

PLX-16-12NY-3-RD	PLX-16-8NY-2-RD
PLX-16-12NY-3-BL	PLX-16-8NY-2-BL
PLX-16-12NY-4-RD	PLX-16-8NY-3-RD
PLX-16-12NY-4-BL	PLX-16-8NY-3-BL

PLX-8-12NY-3-RD	PLX-8-8NY-2-RD
PLX-8-12NY-3-BL	PLX-8-8NY-2-BL
PLX-8-12NY-4-RD	PLX-8-8NY-3-RD
PLX-8-12NY-4-BL	PLX-8-8NY-3-BL

PLX-4-12NY-3-RD	PLX-4-8NY-2-RD
PLX-4-12NY-3-BL	PLX-4-8NY-2-BL
PLX-4-12NY-4-RD	PLX-4-8NY-3-RD
PLX-4-12NY-4-BL	PLX-4-8NY-3-BL

Plastixs Part	Number of ports	Inlet size and manifold material	Port size	Color
PLX	16	12NY	4	RD
	16 ports	1-1/2" inlet, nylon manifold	1/2" port size	Red

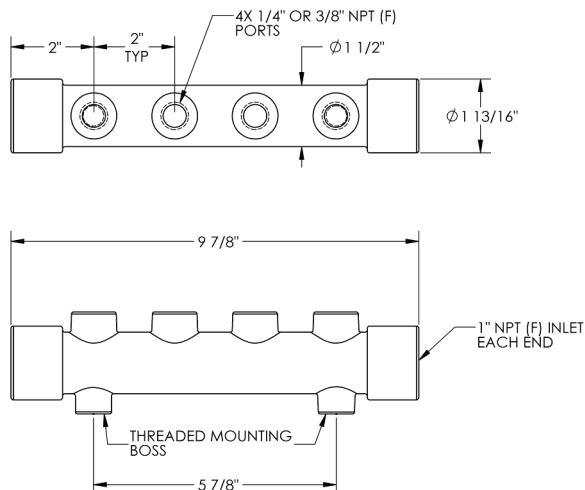
Brackets sold separately

PLX-MB01 - Single Manifold

PLX-MB02 - Double Manifold(s)

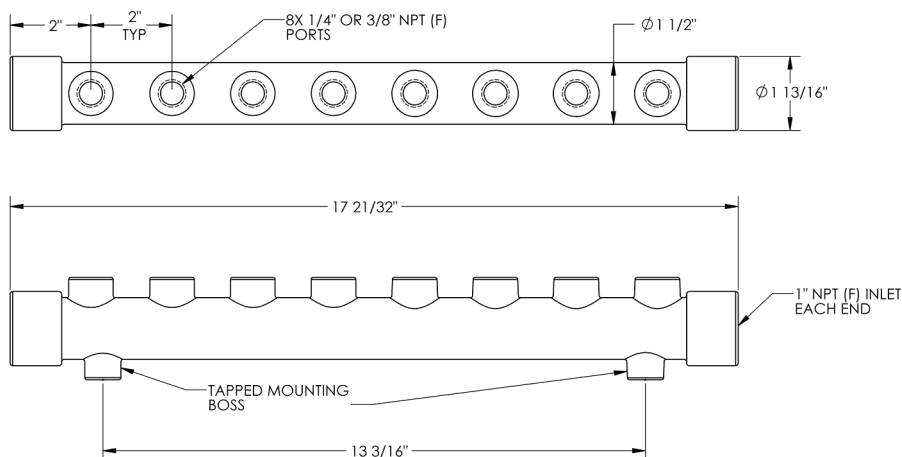
*16-port configuration has (8) ports positioned along opposed sides of manifold

Technical Specifications (1" NPT(F) Inlet/Outlet)



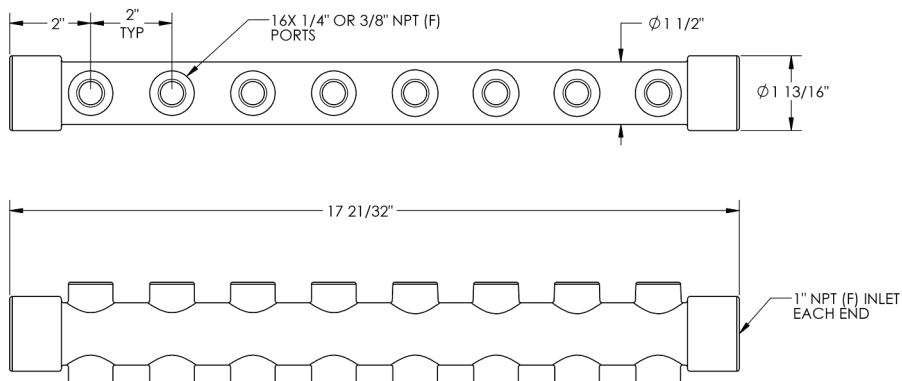
1" NPT(F) inlet/outlet
Nylon Manifold with (4)
1/4" or 3/8" ports:

Part #:	Port Size:
PLX-4-8NY-2-RD	1/4"
PLX-4-8NY-2-BL	1/4"
PLX-4-8NY-3-RD	3/8"
PLX-4-8NY-3-BL	3/8"



1" NPT(F) inlet/outlet
Nylon Manifold with (8)
1/4" or 3/8" ports:

Part #:	Port Size:
PLX-8-8NY-2-RD	1/4"
PLX-8-8NY-2-BL	1/4"
PLX-8-8NY-3-RD	3/8"
PLX-8-8NY-3-BL	3/8"



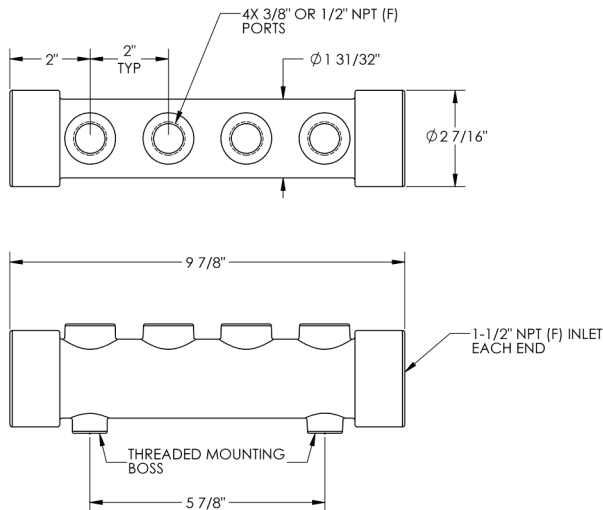
1" NPT(F) inlet/outlet
Nylon Manifold with (16)
1/4" or 3/8" ports:

Part #:	Port Size:
PLX-16-8NY-2-RD	1/4"
PLX-16-8NY-2-BL	1/4"
PLX-16-8NY-3-RD	3/8"
PLX-16-8NY-3-BL	3/8"

Brackets sold separately

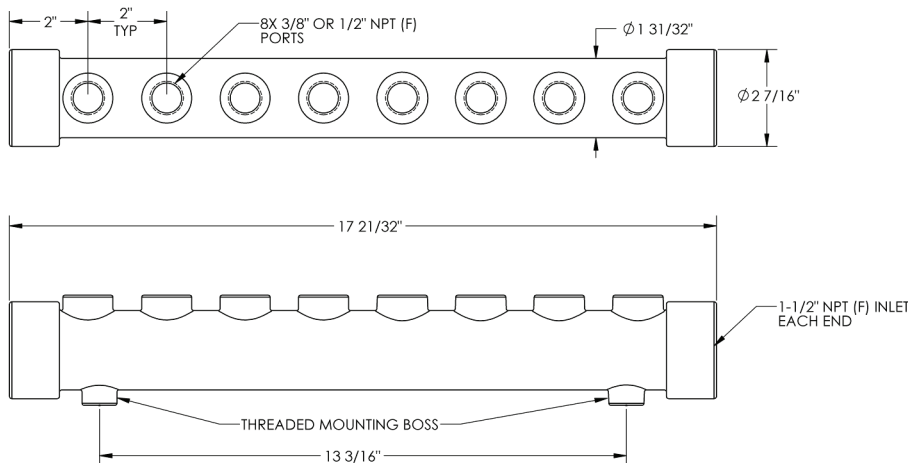
PLX-MB01 - Single Manifold
PLX-MB02 - Double Manifold(s)

Technical Specifications (1.5" NPT(F) Inlet/Outlet)



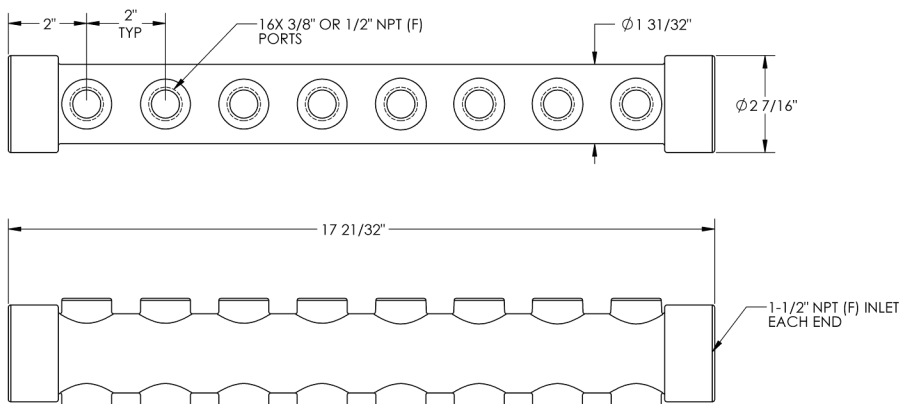
1.5" NPT(F) inlet/outlet
Nylon Manifold with (4)
3/8" or 1/2" ports:

Part #:	Port Size:
PLX-4-12NY-3-RD	3/8"
PLX-4-12NY-3-BL	3/8"
PLX-4-12NY-4-RD	1/2"
PLX-4-12NY-4-BL	1/2"



1.5" NPT(F) inlet/outlet
Nylon Manifold with (8)
3/8" or 1/2" ports:

Part #:	Port Size:
PLX-8-12NY-3-RD	3/8"
PLX-8-12NY-3-BL	3/8"
PLX-8-12NY-4-RD	1/2"
PLX-8-12NY-4-BL	1/2"



1.5" NPT(F) inlet/outlet
Nylon Manifold with (16)
3/8" or 1/2" ports:

Part #:	Port Size:
PLX-16-12NY-3-RD	3/8"
PLX-16-12NY-3-BL	3/8"
PLX-16-12NY-4-RD	1/2"
PLX-16-12NY-4-BL	1/2"

Brackets sold separately

PLX-MB01 - Single Manifold
PLX-MB02 - Double Manifold(s)