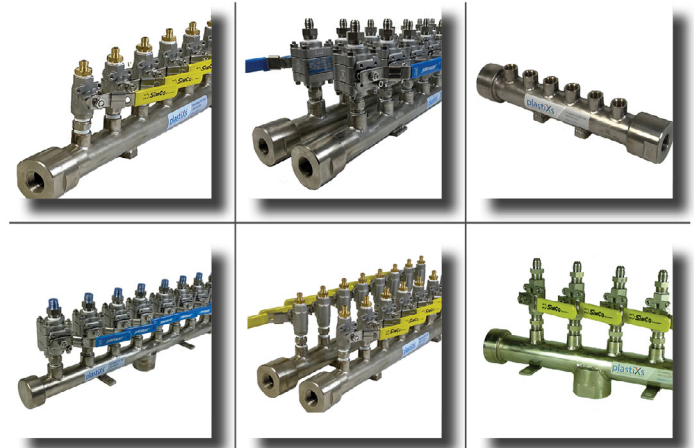


HiTemp & Xtreme HiTemp

Water Manifold Assemblies for High Temperature Applications



Features

- All **stainless steel** construction reduces corrosion
- **Mounts directly** onto water unit or can be remotely connected
- Available in **single manifold** and **parallel pair** manifolds
- Supports temperatures and pressure up to **400°F, 250 psi (HiTemp)** and **450°F, 680 psi (Xtreme HiTemp)**
- **JIC connections** provide leak free assembly
- **Shut-off valves** with locking handles for added safety
- **Configurable**, compact, ready-to-install design
- Ideal for **injection molding applications**

Description

Finding a safe and effective way to distribute high temperature process water can be a challenge. Higher temperatures can anneal aluminum manifolds eventually causing leaks, and the higher pressures exceed the ratings of many conventional stainless steel manifolds. Plastixs has designed the HiTemp and Xtreme HiTemp Manifold Systems to meet the unique demands of higher temperature processing where reliability, durability and flexibility are of key importance. Corrosion resistant stainless steel components are integrated to create a flow management system suitable for a wide range of process applications operating at higher temperatures and pressures.

Providing solutions for successful fluid handling has been the foundation of our business for years. We understand the challenges you face. HiTemp will help you handle the heat.



HiTemp

Built to handle the heat.

The Plastixs HiTemp Manifold Assemblies includes:

- HTC/HTE/HTP Series 304 stainless steel manifolds
- 3/8" JIC (M) to 3/8" NPT (M) 316 stainless steel adapter installed in each port
- 3/8" NPT 316 stainless steel full port ball valves/shut-off valves with locking handles installed in each port

HTE Series HiTemp Manifold Assembly (end inlet)



Manifold Specifications	Item# PLX-HTE4-A1	Item# PLX-HTE6-A1	Item# PLX-HTE8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	3/8" NPT	3/8" NPT	3/8" NPT
No. of Ports	4	6	8
Overall Length	16"	20-15/16"	26-1/8"
Rated Working Pressure	250 PSI	250 PSI	250 PSI
Max Temperature Rating	400°F (204°C)	400°F (204°C)	400°F (204°C)
Price	\$815.00	\$970.00	\$1,135.00

HTC Series HiTemp Manifold Assembly (center inlet)



Manifold Specifications	Item# PLX-HTC4-A1	Item# PLX-HTC6-A1	Item# PLX-HTC8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	3/8" NPT	3/8" NPT	3/8" NPT
No. of Ports	4	6	8
Overall Length	12-7/8"	17-3/8"	23-7/8"
Rated Working Pressure	250 PSI	250 PSI	250 PSI
Max Temperature Rating	400°F (204°C)	400°F (204°C)	400°F (204°C)
Price	\$815.00	\$970.00	\$1,135.00

HTP Series HiTemp Parallel Pair Manifold Assembly



Manifold Specifications	Item# PLX-HTP8-A1	Item# PLX-HTP12-A1	Item# PLX-HTP16-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	3/8" NPT	3/8" NPT	3/8" NPT
No. of Ports	(2) 4 (8 Total)	(2) 6 (12 Total)	(2) 8 (16 Total)
Overall Length	14-1/2"	18"	23"
Rated Working Pressure	250 PSI	250 PSI	250 PSI
Max Temperature Rating	400°F (204°C)	400°F (204°C)	400°F (204°C)
Price	\$1,560.00	\$1,878.00	\$2,145.00

Xtreme HiTemp

Built to handle the heat.

The Plastixs Xtreme HiTemp Manifold Assemblies includes:

- XTE/XTC/XTP Series 304 stainless steel manifolds
- 3/8" JIC (M) to 1/2" NPT (M) 316 stainless steel adapters installed in each port
- 1/2" NPT 316 stainless steel full port ball valves/shut-off valves with locking handles installed in each port

XTE Series Xtreme HiTemp Manifold Assembly (end inlet)



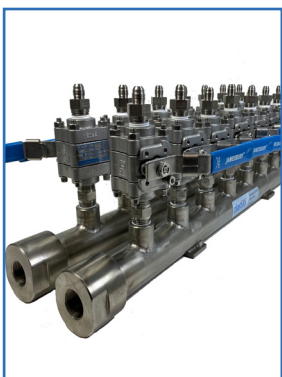
Manifold Specifications	Item# PLX-XTE4-A1	Item# PLX-XTE6-A1	Item# PLX-HTE8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	1/2" NPT	1/2" NPT	1/2" NPT
No. of Ports	4	6	8
Overall Length	14-1/2"	20-1/2"	26-1/2"
Rated Working Pressure	680 PSI	680 PSI	680 PSI
Max Temperature Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)
Price	\$1,780.00	\$2,423.00	\$3,127.00

XTC Series Xtreme HiTemp Manifold Assembly (center inlet)



Manifold Specifications	Item# PLX-XTC4-A1	Item# PLX-XTC6-A1	Item# PLX-HTC8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	1/2" NPT	1/2" NPT	1/2" NPT
No. of Ports	4	6	8
Overall Length	13-7/8"	19-7/8"	25-7/8"
Rated Working Pressure	680 PSI	680 PSI	680 PSI
Max Temperature Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)
Price	\$1,780.00	\$2,423.00	\$3,127.00

XTP Series Xtreme HiTemp Parallel Pair Manifold Assembly



Manifold Specifications	Item# PLX-XTP8-A1	Item# PLX-XTP12-A1	Item# PLX-HTP16-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	1/2" NPT	1/2" NPT	1/2" NPT
No. of Ports	(2) 4 (Total 8)	(2) 6 (Total 12)	(2) 8 (Total 16)
Overall Length	14-1/2"	20-1/2"	26-1/2"
Rated Working Pressure	680 PSI	680 PSI	680 PSI
Max Temperature Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)
Price	\$3,475.00	\$4,738.00	\$5,995.00

HiTemp Insulated PTFE Hose Assemblies

PTFE Hose Assemblies for
High Temperature Applications



Features

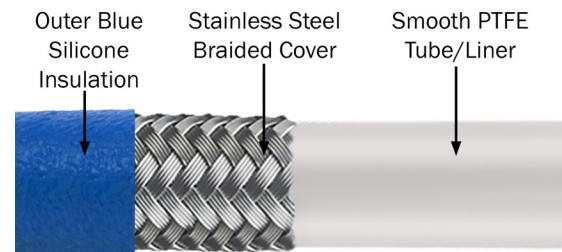
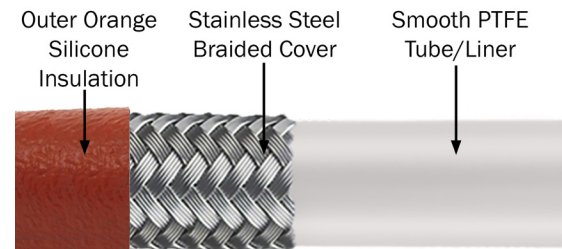
- Ideal for use with [Plastixs HiTemp Manifold Assemblies](#)
- Hose assemblies rated up to **450°F, 1000 PSI**
- **Prevents energy loss** through hoses
- Provides **optimal thermal insulation** in high heat applications
- Protective insulation sleeve **protects employees from burns**
- Insulation sleeve available in **orange or blue silicone**
- Stainless steel female **swivel JIC fittings** on each end
- Available in **2,4,6,8 and 10 foot lengths**

906 SERIES Supply Hoses include 3/8" Fluoropolymer Hose with Stainless Steel Overbraid and Orange or Blue Silicone Protective Insulation Sleeve. Assembled with 3/8" Stainless Steel Female Swivel JIC Fittings on each end.

912 SERIES Remote Hoses include 5/8" Fluoropolymer Hose with Stainless Steel Overbraid and Orange Silicone Protective Insulation Sleeve. Assembled with 3/4" Stainless Steel Female Swivel JIC Fittings on each end.

Description

PTFE (Polytetrafluoroethylene) hose assemblies from Plastixs come equipped with stainless steel female swivel JIC fittings on each end. The inner PTFE tube/liner is covered with a stainless steel overbraid and an orange or blue silicone insulation sleeve. Protective insulation sleeve is made of knitted fiberglass yarns in a flexible substrate and then coated with a high grade silicone rubber. Insulation sleeve is resistant to hydraulic fluids, lubricating oils and fuel, and helps prevent energy loss through hoses.



HiTemp Insulated PTFE Hose Assemblies



Built to handle the heat.

906 Series HiTemp Insulated Supply Hose with orange or blue silicone sleeve

Supply Hose Specifications	PLX-906x24-B PLX-906x24-O	PLX-906x48-B PLX-906x48-O	PLX-906x72-B PLX-906x72-O	PLX-906x96-B PLX-906x96-O	PLX-906x120-B PLX-906x120-O
ID Size	3/8"	3/8"	3/8"	3/8"	3/8"
Length	2 ft (24")	4 ft (48")	6 ft (72")	8 ft (96")	10 ft (120")
Rated Working Pressure	1,000 psi	1,000 psi	1,000 psi	1,000 psi	1,000 psi
Max Temp Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)	450°F (232°C)	450°F (232°C)

912 Series HiTemp Insulated Remote Hose with orange silicone sleeve

Remote Hose Specifications	PLX-912x24-O	PLX-912x48-O	PLX-912x72-O	PLX-912x96-O	PLX-912x120-O
ID Size	5/8"	5/8"	5/8"	5/8"	5/8"
Length	2 ft (24")	4 ft (48")	6 ft (72")	8 ft (96")	10 ft (120")
Rated Working Pressure	1,000 psi	1,000 psi	1,000 psi	1,000 psi	1,000 psi
Max Temp Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)	450°F (232°C)	450°F (232°C)



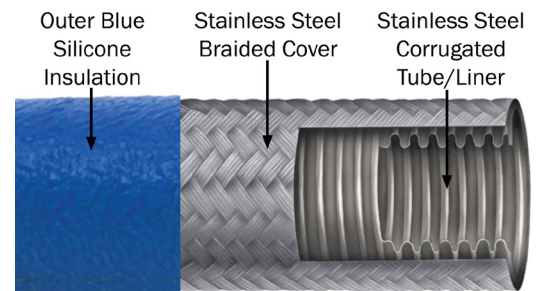
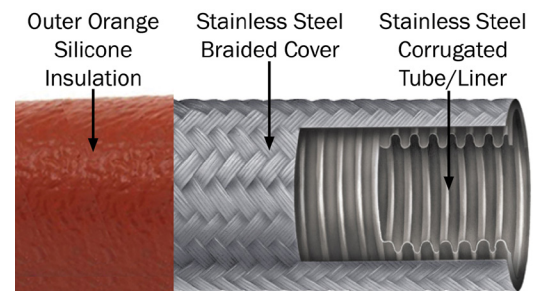
HiTemp Insulated Flexible Metal Hose Assemblies

HiTemp Insulated Flexible Metal Hose Assemblies for High Temperature Applications



Features

- Ideal for use with [Plastixs HiTemp Manifold Assemblies](#)
- Hose assemblies rated up to **600°F, 1000 PSI**
- **All Stainless Steel** construction
 - **Stainless Steel corrugated tube/liner**
 - **Stainless Steel braided cover**
- Insulation sleeve available in **orange or blue silicone**
- Available in **1/2" and 3/8" ID**
- Stainless steel female **swivel JIC fittings** on each end
- **Prevents energy loss** through hoses
- Provides **optimal thermal insulation** in high heat applications
- Protective insulation sleeve **protects employees from burns**
- Available in **1.5, 4, 6, 8 and 10 foot lengths**

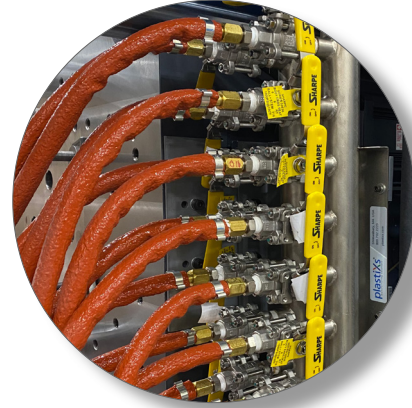


Description

Flexible metal hose assemblies from Plastixs come equipped with stainless steel female swivel JIC fittings on each end. The inner stainless steel corrugated tube/liner is covered with a stainless steel overbraid and an orange or blue silicone insulation sleeve. Protective insulation sleeve is made of knitted fiberglass yarns in a flexible substrate and then coated with a high grade silicone rubber. Insulation sleeve is resistant to hydraulic fluids, lubricating oils and fuel, and helps prevent energy loss through hoses.



HiTemp Insulated Flexible Metal Hose Assemblies



Built to handle the heat.

3/8" ID HiTemp Insulated Flexible Metal Hose with orange or blue silicone sleeve

Supply Hose Specifications	PLX-FMH6X72-B PLX-FMH6X72-O	PLX-FMH6X96-B PLX-FMH6X96-O	PLX-FMH6X120-B PLX-FMH6X120-O
ID Size	3/8"	3/8"	3/8"
Length	6 ft (72")	8 ft (96")	10 ft (120")
Rated Working Pressure	1,000 psi	1,000 psi	1,000 psi
Max Temp Rating	600°F (315°C)	600°F (315°C)	600°F (315°C)

1/2" ID HiTemp Insulated Flexible Metal Hose with orange or blue silicone sleeve

Supply Hose Specifications	PLX-FMH8X18-B PLX-FMH8X18-O	PLX-FMH8X48-B PLX-FMH8X48-O	PLX-FMH8X72-B PLX-FMH8X72-O	PLX-FMH8X96-B PLX-FMH8X96-O	PLX-FMH8X120-B PLX-FMH8X120-O
ID Size	1/2"	1/2"	1/2"	1/2"	1/2"
Length	1.5 ft (18")	4 ft (48")	6 ft (72")	8 ft (96")	10 ft (120")
Rated Working Pressure	1,000 psi	1,000 psi	1,000 psi	1,000 psi	1,000 psi
Max Temp Rating	600°F (315°C)	600°F (315°C)	600°F (315°C)	600°F (315°C)	600°F (315°C)

