Fragola

Performance Systems

YOUR PERFORMANCE PLUMBING PARTNER

MASTER CATALOG 999000

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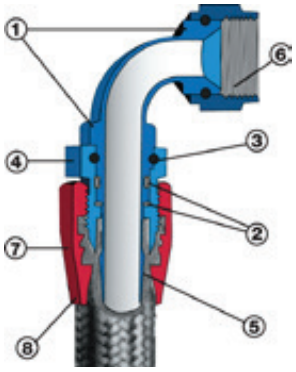
The use of the names Holley, Edelbrock, Demon, Carter, Ford, Chrysler and GM are for descriptive purposes only. Fragola Performance Systems has no connection with those companies whatsoever.

888 WEST QUEEN STREET
SOUTHINGTON, CT 06489
TOLL FREE - 866-337-2739
LOCAL - 860-621-4567
FAX - 860-621-1431
FRAGOLAPERFORMANCESYSTEMS.COM
FRANCO@FRAGOLAPERFORMANCESYSTEMS.COM

WHERE ENGINEERING COUNTS!

Hose ends may look like simple devices, but at FPS we take them very seriously. We have spent several years researching, testing and retesting to perfect the production of what we feel is the finest hose end available. Period! We hope that you will agree.

3000 SERIES RACE HOSE ENDS



1 Unique ONE-PIECE design eliminates two brazed joints, minimizing potential leakage, improving flow and appearance.

2 Two Viton "O" rings form a redundant seal to ensure no-leak service for the life of the part and are impervious to fuel, oil and coolant.

3 Stainless steel lock wires prevent galling and provide long service.

4 Wider wrenching surface for a no-slip installation.

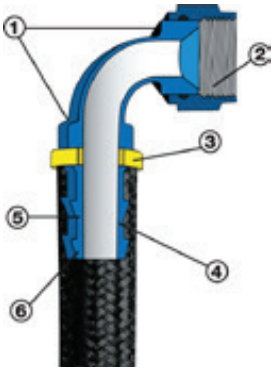
5 Tapered nipple for easy alignment and installation.

6 J gauge threads for increased strength and durability.

7 Bright dipped anodizing for a show quality finish.

8 Improved entry angle on the socket, allows for easy installation.

8000 SERIES RACE HOSE ENDS



1 Unique ONE-PIECE design eliminates two brazed joints, minimizing potential leakage, improving flow and appearance.

2 The correct AN specified "J-Thread" for ease of installation and trouble-free reuse.

3 Lightweight polymer cap provides positive stop for hose installation, and covers cut end of the hose.

4 Hose barb dimensions per S.A.E. standards.

5 Bright dip anodizing for a show quality finish. All Push-Lite hose ends are manufactured from aerospace-quality aluminum and machined to mil spec tolerances.

6 Tapered nipple for easy alignment and installation.

All Fragola Performance Systems Hose Ends are manufactured from aerospace-quality aluminum and machined to mil spec tolerances.

MEMBER

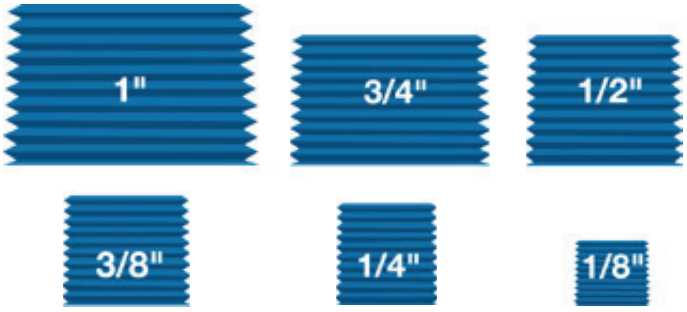
MEMBER

MEMBER

TECHNICAL INFORMATION

NPT THREADS

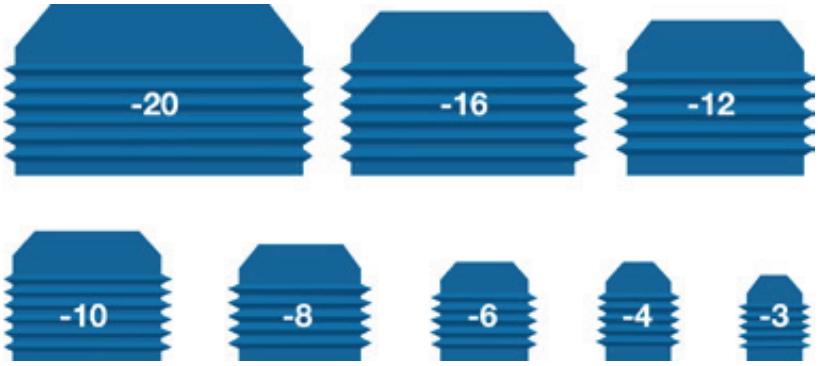
Use the profiles below to determine the correct NPT thread before ordering. The corresponding chart displays the pipe thread size, the number of threads per inch, the inner diameter of the fitting, and the closest AN thread.



Pipe Thread Size	Threads Per Inch	Fitting I.D.	Closest AN Fitting Size
1/8″	27	1/8″	4
1/4″	18	1/4″	6
3/8″	18	3/8″	8
1/2″	14	1/2″	10
3/4″	14	3/4″	12
1″	11.5	1″	16
1 1/4″	11.5	1 1/4″	20

AN THREADS

Use the profiles below to determine the correct AN thread before ordering. The corresponding chart displays the outer diameter of the metal tube and thread size.



AN Size	Metal Tube O.D.	Thread Size
-3	3/16″	3/8-24 UNJF
-4	1/4″	7/16-20 UNJF
-6	3/8″	9/16-18 UNJF
-8	1/2″	3/4-16 UNJF
-10	5/8″	7/8-14 UNJF
-12	3/4″	1 1/16-12 UNJF
-16	1″	1 5/16-12 UNJF
-20	1 1/4″	1 5/8-12 UNJF

TORQUE SPECIFICATIONS

Many people over tighten the aluminum fitting on the adapter, which distorts the 37 degree seat, and may cause a leak. Both the threads and the seat surface should have a drop or two of oil to smooth the tightening process. The maximum torque specifications are listed here. (An alternate method of tightening is to bring the nut to "hand tight" and then rotate it another 1/4 turn with the proper wrench.)

Fitting Size	Max Torque in Foot Pounds	Fitting Size	Max Torque in Foot Pounds
-3	8.75	-10	35
-4	11.5	-12	45
-6	16.25	-16	70
-8	29	-20	85

SIZE CHART

AN Thread			Pipe Thread		B-Nut Hex	
AN Size	Tube Diameter	Thread Size (S.A.E.)	Pipe Thread	Thread Per Inch	AN Size	Hex Diameter
-2	1/8″	5/16-24	1/16″	27		
-3	3/16″	3/8-24	1/8″	27	-3	1/2″
-4	1/4″	7/16-20	1/4″	18	-4	9/16″
-6	3/8″	9/16-18	3/8″	18	-6	11/16″
-8	1/2″	3/4-16	1/2″	14	-8	7/8″
-10	5/8″	7/8-14	3/4″	14	-10	1″
-12	3/4″	1 1/16-12	1″	11	-12	1 1/4″
-16	1″	1 5/16-12			-16	1 1/2″
-20	1 1/4″	1 5/8-12			-20	1 7/8″
-24	1 1/2″	1 7/8-12				
-28	1 3/4″	2 1/4-12				
-32	2″	2 1/2-12				

RACE-RITE REUSABLE P.T.F.E. HOSE ENDS

Use with Race-Rite or Race-Rite Pro Hose Page 6

Fragola's Race-Rite Reusable P.T.F.E. Hose Ends offer a black hard coat finish and help to eliminate fuel permeation issues common with other aftermarket hose when used with our Race-Rite or Race-Rite Pro Series Hose. Hose ends feature larger I.D. for higher flow rates and incorporate a "double-swivel" design that allows for clocking during installation.

STRAIGHT HOSE ENDS

AN Size	Part Number
-6	2500106
-8	2500108
-10	2500110
-12	2500112

90° HOSE ENDS

AN Size	Part Number
-6	2509006
-8	2509008
-10	2509010
-12	2509012

30° HOSE ENDS

AN Size	Part Number
-6	2503006
-8	2503008
-10	2503010
-12	2503012

120° HOSE ENDS

AN Size	Part Number
-6	2512006
-8	2512008
-10	2512010
-12	2512012

45° HOSE ENDS

AN Size	Part Number
-6	2504506
-8	2504508
-10	2504510
-12	2504512

150° HOSE ENDS

AN Size	Part Number
-6	2515006
-8	2515008
-10	2515010
-12	2515012

60° HOSE ENDS

AN Size	Part Number
-6	2506006
-8	2506008
-10	2506010
-12	2506012

180° HOSE ENDS

AN Size	Part Number
-6	2518006
-8	2518008
-10	2518010
-12	2518012

REPLACEMENT OLIVE

AN Size	Part Number
-6	2500006
-8	2500008
-10	2500010
-12	2500012

RACE-RITE CRIMP-ON HOSE ENDS

Use with Race-Rite or Race-Rite Pro Hose Page 6

Fragola's "Double Swivel", Race-Rite Crimp-on Hose Ends offer a black hard coat finish. The Hose Ends feature a true to size I.D. for improved flow rates and a threaded crimp collar. The collar threads onto the Hose End Body and ensures a concentric crimp every time. Use with Race-Rite & Race-Rite Pro Hose.

STRAIGHT HOSE ENDS

AN Size	Part Number
-4	2600104
-6	2600106
-8	2600108
-10	2600110
-12	2600112
-16	2600116

30° HOSE ENDS

AN Size	Part Number
-6	2603006
-8	2603008
-10	2603010
-12	2603012
-16	2603016

45° HOSE ENDS

AN Size	Part Number
-4	2604504*
-6	2604506
-8	2604508
-10	2604510
-12	2604512
-16	2604516

60° HOSE ENDS

AN Size	Part Number
-6	2606006
-8	2606008
-10	2606010
-12	2606012
-16	2606016

*Please note our -4 hose ends are non-swivel

RACERITE CRIMP FITTING SPECIFICATIONS

AN Size	Crimp Diameter +/- .005"
-4	.490"
-6	.630"
-8	.750"
-10	.902"
-12	1.030"
-16	1.295"

90° HOSE ENDS

AN Size	Part Number
-4	2609004*
-6	2609006
-8	2609008
-10	2609010
-12	2609012
-16	2609016

120° HOSE ENDS

AN Size	Part Number
-4	2612004*
-6	2612006
-8	2612008
-10	2612010
-12	2612012
-16	2612016

150° HOSE ENDS

AN Size	Part Number
-4	2615004*
-6	2615006
-8	2615008
-10	2615010
-12	2615012
-16	2615016

180° HOSE ENDS

AN Size	Part Number
-4	2618004*
-6	2618006
-8	2618008
-10	2618010
-12	2618012
-16	2618016

REPLACEMENT COLLARS

AN Size	Part Number	AN Size	Part Number
-4	2600004S	-10	2600010S
-6	2600006S	-12	2600012S
-8	2600008S	-16	2600016S

RACE-RITE DIRECT FIT CRIMP-ON HOSE ENDS

Use with Race-Rite or Race-Rite Pro Hose Page 6

In some applications the extra height of the adapter makes the installation very tight. Direct Fit & Low Profile Hose Ends help shave valuable inches in tight applications. Fragola Performance Systems Racerite Direct Fit Hose Ends feature a crimp collar that threads onto the Hose End body. This ensures the user of a perfect, concentric crimp every time. All of these hose ends feature Fragola's unique "double swivel" design so they are adjustable in the field.

30° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2603010RAD
-12	1 1/16-12 (12)	2603012RAD

120° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2612010RAD
-12	1 1/16-12 (12)	2612012RAD

45° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2604510RAD
-12	1 1/16-12 (12)	2604512RAD

150° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2615010RAD
-12	1 1/16-12 (12)	2615012RAD

60° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2606010RAD
-12	1 1/16-12 (12)	2606012RAD

180° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2618010RAD
-12	1 1/16-12 (12)	2618012RAD

90° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	2609010RAD
-12	1 1/16-12 (12)	2609012RAD

RACERITE & RACERITE PRO HOSE

Fragola's Premier Hose. Our Race-Rite & Race-Rite Pro Hose feature an enlarged inner diameter with a conductive smoothbore P.T.F.E. core that utilizes a convoluted exterior and black Aramid braid cover. Making it compatible with all fluids, capable of tight bend radiuses, and higher flow rates.

RaceRite Hose

Desc. (In.)	Hose I.D.	Hose O.D.	Bulk Per FT.	3 FT. Roll	6 FT. Roll	10 FT. Roll	15 FT. Roll	20 FT. Roll
#4	1/4"	.360"	2700004	2700304	2700604	2701004	2701504	2702004
#6	3/8"	.520"	2700006	2700306	2700606	2701006	2701506	2702006
#8	1/2"	.655"	2700008	2700308	2700608	2701008	2701508	2702008
#10	5/8"	.820"	2700010	2700310	2700610	2701010	2701510	2702010
#12	3/4"	.950"	2700012	2700312	2700612	2701012	2701512	2702012
#16	1"	1.25"	2700016	2700316	2700616	2701016	2701516	2702016

TECHNICAL SPECIFICATIONS

Part	AN Size	Working Pressure	Vacuum Rating	Minimum Bend Radius	Weight Per FT.
2700004	#4	900 PSI	28 in HG	1-1/2"	.04 lbs.
2700006	#6	800 PSI	28 in HG	2"	.07 lbs.
2700008	#8	600 PSI	28 in HG	3"	.09 lbs
2700010	#10	500 PSI	28 in HG	4"	.14 lbs.
2700012	#12	420 PSI	28 in HG	5"	.16 lbs.
2700016	#16	400 PSI	28 in HG	6"	.24 lbs.

Race-Rite Hose

- Smoothbore Conductive P.T.F.E. Core is Resistant to Fuel Permeation.
- Convoluted Exterior allows for tighter bend radius.
- 60% Lighter than our Black Nylon Race hose.
- Features a true to Size I.D. for improved flow rate.
- Works with all fluids, including Ethanol Type Fuels, ATF, Coolant & Oils.
- Use with our Race-Rite Reusable & Crimp-on Hose Ends.
- Operating range -65° - 500° F.

RaceRite Pro Hose

- Ideal in Dry Sump or High Vacuum applications.
- Added Externally wound, spiral wire increases flexibility.
- Smoothbore Conductive P.T.F.E. Core is Resistant to Fuel Permeation.
- Convoluted Exterior with spiral wire allows for an even tighter bend radius.
- 50% Lighter than our Black Nylon Race hose.
- Features a true to Size I.D. for improved flow rate.
- Works with all fluids, including Ethanol Type Fuels, ATF, Coolant & Oils.
- Use with our Race-Rite Reusable & Crimp-on Hose Ends
- Operating range -65° - 500° F.

RaceRite Pro Hose

Desc. (In.)	Hose I.D.	Hose O.D.	Bulk Per FT.	3 FT. Roll	6 FT. Roll	10 FT. Roll	15 FT. Roll	20 FT. Roll
#6	3/8"	.520"	2710006	2710306	2710606	2711006	2711506	2712006
#8	1/2"	.655"	2710008	2710308	2710608	2711008	2711508	2712008
#10	5/8"	.820"	2710010	2710310	2710610	2711010	2711510	2712010
#12	3/4"	.950"	2710012	2710312	2710612	2711012	2711512	2712012
#16	1"	1.25"	2710016	2710316	2710616	2711016	2711516	2712016

TECHNICAL SPECIFICATIONS

Part	AN Size	Working Pressure	Vacuum Rating	Minimum Bend Radius	Weight Per FT.
2710006	#6	1160 PSI	28 in HG	1"	.08 lbs.
2710008	#8	1015 PSI	28 in HG	1-1/2"	.12 lbs.
2710010	#10	940 PSI	28 in HG	1-3/4"	.17 lbs.
2710012	#12	870 PSI	28 in HG	2-1/4"	.21 lbs.
2710016	#16	725 PSI	28 in HG	3"	.33 lbs.

EZ STREET HOSE ENDS

Our EZ Street Hose Ends are the perfect solution for the automotive enthusiast looking to upgrade their fuel system with aftermarket hose and hose ends. They have been designed to be used with today's pump gas, E85, E98, Diesel, Methanol, or other Ethanol Blends.

Features

- Manufactured in Southington, Connecticut with a single hose retention barb made to SAE specifications. This allows this series of hose ends to work on virtually any SAE 30R9 or 30R10 Low Permeation Fuel Hose, (Including our New EZ Street 30R9 Hose).
- Black bright dip anodized for good looks and long lasting protection.
- Double-swivel design allows for clocking during installation.
- Available in standard size -6 AN, (3/8") and -8 AN, (1/2") for higher horsepower applications.

Need to convert from a standard 5/16" barb to -6AN on your stock tank? Use our P/N 484205BL to ease installation.

STRAIGHT EZ STREET HOSE ENDS

Size	Black
-6AN X 3/8"	750106BL
-8AN X 1/2"	750108BL

30° EZ STREET HOSE ENDS

Size	Black
-6AN X 3/8"	753006BL
-8AN X 1/2"	753008BL

45° EZ STREET HOSE ENDS

Size	Black
-6AN X 3/8"	754506BL
-8AN X 1/2"	754508BL

60° EZ STREET HOSE ENDS

Size	Black
-6AN X 3/8"	756006BL
-8AN X 1/2"	756008BL

90° EZ STREET HOSE ENDS

Size	Black
-6-AN X 3/8"	759006BL
-8-AN X 1/2"	759008BL

120° EZ STREET HOSE ENDS

Size	Black
-6AN X 3/8"	751206BL
-8AN X 1/2"	751208BL

150° EZ STREET HOSE ENDS

Size	Black
-6AN X 3/8"	751506BL
-8AN X 1/2"	751508BL

180° EZ STREET HOSE ENDS

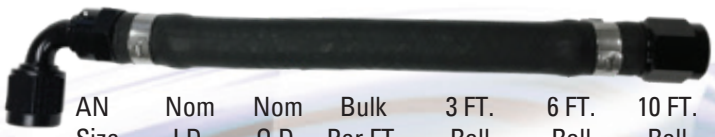
Size	Black
-6AN X 3/8"	751806BL
-8AN X 1/2"	751808BL

EZ STREET LOW PERMEATION FUEL HOSE

Compatible with all of today's pump gas, our new EZ Street Hose will be right at home on your car using E85, E98, Diesel, Methanol, or other Ethanol Blended Fuels.

Manufactured to SAE 30R9 Specifications, the Hose features a Nitrile based tube that prevents 99% of hydrocarbon fuel vapors from escaping. This drastically reduces fuel odors over standard synthetic rubber hose used in the automotive racing industry.

It also features an Aramid Reinforcing Braid that keeps the hose from collapsing while routing through the car and it makes it suitable for use in both carbureted and fuel injected applications up to 175 PSI.
Operating range of -29˚F to +275˚F
Available in standard size -6 AN, (3/8") and -8 AN, (1/2") for higher horsepower applications.



AN Size	Nom I.D.	Nom O.D.	Bulk Per FT.	3 FT. Roll	6 FT. Roll	10 FT. Roll	15 FT. Roll	20 FT. Roll
-6	.3/8"	.620"	730006	733006	736006	731006	731506	732006
-8	1/2"	.790"	730008	733008	736008	731008	731508	732008

PUSH LOK CLAMP and PLIERS

These lightweight stainless steel band clamps are "just the ticket" for push on applications that will see elevated pressures or temperatures. With a simple squeeze of the pliers you can add the extra measure of protection to any push-on hose assembly. Sold in pairs by hose size.

Clamp Pliers	999150
-6 – Pair	999156
-8 – Pair	999158

SERIES 2000 PRO-FLOW HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

SERIES 3000 HOSE ENDS

SERIES 2000 HOSE ENDS

The Series 2000 Pro Flow Hose Ends differ from the Series 3000 Hose Ends in the fact that they feature the "single nipple" method of hose attachment. With the "single nipple" style, the socket draws the hose over a long tapered single nipple. The sealing feature is the crush of the hose between the inside of the socket and the outside of the nipple. With this style of hose end, reusing it is a breeze. There is no sliver of cut hose to remove before reinstalling the hose end on a new piece of hose.

STRAIGHT HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4	220104	220104BL	N/A
-6	220106	220106BL	220106CH
-8	220108	220108BL	220108CH
-10	220110	220110BL	220110CH
-12	220112	220112BL	220112CH
-16	220116	220116BL	N/A

30° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	223004	223004BL	N/A
-6	223006	223006BL	N/A
-8	223008	223008BL	N/A
-10	223010	223010BL	N/A
-12	223012	223012BL	N/A
-16	223016	223016BL	N/A

45° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	224504	224504BL	N/A
-6	224506	224506BL	224506CH
-8	224508	224508BL	224508CH
-10	224510	224510BL	224510CH
-12	224512	224512BL	224512CH
-16	224516	224516BL	N/A

60° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	226004	226004BL	N/A
-6	226006	226006BL	N/A
-8	226008	226008BL	N/A
-10	226010	226010BL	N/A
-12	226012	226012BL	N/A
-16	226016	226016BL	N/A

*Please note that our -4 hose ends are non-swivel

SERIES 2000 HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

The Series 2000 Pro Flow Hose Ends differ from the Series 3000 Hose Ends in the fact that they feature the "single nipple" method of hose attachment. With the "single nipple" style, the socket draws the hose over a long tapered single nipple. The sealing feature is the crush of the hose between the inside of the socket and the outside of the nipple. With this style of hose end, reusing it is a breeze. There is no sliver of cut hose to remove before reinstalling the hose end on a new piece of hose.

90° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	229004	229004BL	N/A
-6	229006	229006BL	229006CH
-8	229008	229008BL	229008CH
-10	229010	229010BL	229010CH
-12	229012	229012BL	229012CH
-16	229016	229016BL	N/A

120° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	231204	231204BL	N/A
-6	231206	231206BL	N/A
-8	231208	231208BL	N/A
-10	231210	231210BL	N/A
-12	231212	231212BL	N/A
-16	231216	231216BL	N/A

150° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	231504	231504BL	N/A
-6	231506	231506BL	N/A
-8	231508	231508BL	N/A
-10	231510	231510BL	N/A
-12	231512	231512BL	N/A
-16	231516	231516BL	N/A

180° HOSE ENDS

Hose Size	Part Number	Black	Chrome
-4*	231804	231804BL	N/A
-6	231806	231806BL	N/A
-8	231808	231808BL	N/A
-10	231810	231810BL	N/A
-12	231812	231812BL	N/A
-16	231816	231816BL	N/A

*Please note that our -4 hose ends are non-swivel

2000 SERIES EFI FEMALE QUICK DISCONNECT HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

Fragola's new Quick Disconnect EFI Hose Ends connect directly to SAE J2044 QD hardlines. The design utilizes a special stainless retaining spring that ensures a trouble free installation.

30° EFI FEMALE QUICK DISCONNECT HOSE END

Hose Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	223006B6QD

45° EFI FEMALE QUICK DISCONNECT HOSE END

Hose Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	224506B6QD

60° EFI FEMALE QUICK DISCONNECTHOSE END

Hose Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	226006B6QD

90° EFI FEMALE QUICK DISCONNECT HOSE END

Hose Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	229006B6QD

180° EFI FEMALE QUICK DISCONNECT HOSE END

Hose Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	231806B6QD

SERIES 2000 DIRECT FIT HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

In some applications the extra height of the adapter makes the installation very tight. Direct Fit Hose Ends help shave valuable inches in tight applications. Fragola Performance Systems Series 2000 Pro Flow Hose Ends feature the "single nipple" method of hose attachment. With the "single nipple" style, the socket draws over the hose between the inside of the socket and outside of the nipple. Making installation and reusing the hose ends a breeze.

30° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	223010BLRAD
-12	1 1/16-12 (12)	223012BLRAD

90° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	229010BLRAD
-12	1 1/16-12 (12)	229012BLRAD

45° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	224510BLRAD
-12	1 1/16-12 (12)	224512BLRAD

120° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	231210BLRAD
-12	1 1/16-12 (12)	231212BLRAD

60° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	226010BLRAD
-12	1 1/16-12 (12)	226012BLRAD

150° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	231510BLRAD
-12	1 1/16-12 (12)	231512BLRAD

180° DIRECT FIT TUBE-STYLE HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	231810BLRAD
-12	1 1/16-12 (12)	231812BLRAD

SERIES 2000 EXPANDER PRO-FLOW HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

In some applications space to change from one hose size to the next just isn't there. Fragola Performance Systems 2000 Series, Expander Pro-Flow Hose Ends shave off valuable inches in these tight applications.

Series 2000 Pro Flow Hose Ends feature the "single nipple" method of hose attachment. With the "single nipple" style, the socket draws over the hose between the inside of the socket and outside of the nipple. Making installation and reusing the hose ends a breeze.

STRAIGHT HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	220105	220105BL
-10 Nut X -12 Hose	220111	220111BL
-12 Nut X -16 Hose	220113	220113BL

90° HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	229005	229005BL
-10 Nut X -12 Hose	229011	229011BL
-12 Nut X -16 Hose	229013	229013BL

30° HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	223005	223005BL
-10 Nut X -12 Hose	223011	223011BL
-12 Nut X -16 Hose	223013	223013BL

120° HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	231205	231205BL
-10 Nut X -12 Hose	231211	231211BL
-12 Nut X -16 Hose	231213	231213BL

45° HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	224505	224505BL
-10 Nut X -12 Hose	224511	224511BL
-12 Nut X -16 Hose	224513	224513BL

150° HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	231505	231505BL
-10 Nut X -12 Hose	231511	231511BL
-12 Nut X -16 Hose	231513	231513BL

60° HOSE ENDS

Description	Part Number	Black
-6 Nut X -8 Hose	226005	226005BL
-10 Nut X -12 Hose	226011	226011BL
-12 Nut X -16 Hose	226013	226013BL

180° HOSE ENDS

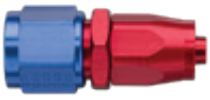
Description	Part Number	Black
-6 Nut X -8 Hose	231805	231805BL
-10 Nut X -12 Hose	231811	231811BL
-12 Nut X -16 Hose	231813	231813BL

SERIES 2000 REDUCER PRO-FLOW HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

In some applications space to change from one hose size to the next just isn't there. Fragola Performance Systems 2000 Series, Reducer Pro-Flow Hose Ends shave off valuable inches in these tight applications.

Series 2000 Pro Flow Hose Ends feature the "single nipple" method of hose attachment. With the "single nipple" style, the socket draws over the hose between the inside of the socket and outside of the nipple. Making installation and reusing the hose ends a breeze.

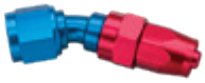


STRAIGHT HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	220107	220107BL
-10 Nut X -8 Hose	220109	220109BL
-16 Nut X -12 Hose	220115	220115BL

90° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	229007	229007BL
-10 Nut X -8 Hose	229009	229009BL
-16 Nut X -12 Hose	229015	229015BL



30° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	223007	223007BL
-10 Nut X -8 Hose	223009	223009BL
-16 Nut X -12 Hose	223015	223015BL

120° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	231207	231207BL
-10 Nut X -8 Hose	231209	231209BL
-16 Nut X -12 Hose	231215	231215BL

45° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	224507	224507BL
-10 Nut X -8 Hose	224509	224509BL
-16 Nut X -12 Hose	224515	224515BL

150° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	231507	231507BL
-10 Nut X -8 Hose	231509	231509BL
-16 Nut X -12 Hose	231515	231515BL

60° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	226007	226007BL
-10 Nut X -8 Hose	226009	226009BL
-16 Nut X -12 Hose	226015	226015BL

180° HOSE ENDS

Description	Part Number	Black
-8 Nut X -6 Hose	231807	231807BL
-10 Nut X -8 Hose	231809	231809BL
-16 Nut X -12 Hose	231815	231815BL

SERIES 3000 RACE HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

Fragola Performance Systems Series 3000 Hose Ends feature the "cutter" method of hose attachment. The socket draws the hose over the nipple and into the cutter. The seal is formed by the cutter imbedding itself into the end of the hose. If no color is specified, the standard part number is for the regular red and blue.

STRAIGHT BANJO HOSE ENDS WITH INTEGRAL BANJO BOLT

Secures banjo with snap ring. Black only.

Hose Size	Part Number	Bolt Thread
-6	100006BL	9/16-18
-8	100008BL	3/4-16
-10	100010BL	7/8-14
-12	100012BL	1 1/16-12
-16	100016BL	1 5/16-12
-16	100017BL	1 5/16-12*

***Secures banjo with special nut, for EZ between round maintenance.**

STRAIGHT HOSE ENDS

Hose Size	Part Number	Black	Clear
-4	100104	100104BL	100104CL
-6	100106	100106BL	100106CL
-8	100108	100108BL	100108CL
-10	100110	100110BL	100110CL
-12	100112	100112BL	100112CL
-16	100116	100116BL	100116CL
-20	100120	100120BL	N/A

30° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4*	103004	103004BL	103004CL
-6	103006	103006BL	103006CL
-8	103008	103008BL	103008CL
-10	103010	103010BL	103010CL
-12	103012	103012BL	103012CL
-16	103016	103016BL	103016CL

45° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4*	104504	104504BL	104504CL
-6	104506	104506BL	104506CL
-8	104508	104508BL	104508CL
-10	104510	104510BL	104510CL
-12	104512	104512BL	104512CL
-16	104516	104516BL	104516CL

*Please note our -4 hose ends are non-swivel

SERIES 3000 RACE HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

60° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4*	106004	106004BL	106004CL
-6	106006	106006BL	106006CL
-8	106008	106008BL	106008CL
-10	106010	106010BL	106010CL
-12	106012	106012BL	106012CL
-16	106016	106016BL	106016CL

90° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4*	109004	109004BL	109004CL
-6	109006	109006BL	109006CL
-8	109008	109008BL	109008CL
-10	109010	109010BL	109010CL
-12	109012	109012BL	109012CL
-16	109016	109016BL	109016CL
-20	109020	109020BL	N/A

120° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4*	112004	112004BL	112004CL
-6	112006	112006BL	112006CL
-8	112008	112008BL	112008CL
-10	112010	112010BL	112010CL
-12	112012	112012BL	112012CL
-16	112016	112016BL	112016CL

150° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4*	115004	115004BL	115004CL
-6	115006	115006BL	115006CL
-8	115008	115008BL	115008CL
-10	115010	115010BL	115010CL
-12	115012	115012BL	115012CL
-16	115016	115016BL	115016CL

*Please note our -4 hose ends are non-swivel

180° HOSE ENDS-BENT TUBE

Hose Size	Part Number	Black	Clear
-4	118004	118004BL	118004CL
-6	118006	118006BL	118006CL
-8	118008	118008BL	118008CL
-10	118010	118010BL	118010CL
-12	118012	118012BL	118012CL
-16	118016	118016BL	118016CL

SERIES 3000 RACE HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

45° HOSE ENDS LOW PROFILE

Hose Size	Part Number	Black
-6	104606	104606BL
-8	104608	104608BL
-10	104610	104610BL
-12	104612	104612BL
-16	104616	104616BL
-20	104620	104620BL

90° HOSE ENDS LOW PROFILE

Hose Size	Part Number	Black
-6	109106	109106BL
-8	109108	109108BL
-10	109110	109110BL
-12	109112	109112BL
-16	109116	109116BL
-20	109120	109120BL

Brandon Snider
2016 PDRA Pro Extreme Champion

SERIES 3000 DIRECT FIT HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

In some applications the extra height of the adapter makes the installation very tight. Direct Fit Hose Ends help shave valuable inches in tight applications. Fragola Performance Systems Series 3000 Hose Ends feature the "cutter" method of hose attachment. The socket draws the hose over the nipple and into the cutter. The seal is formed by the cutter imbedding itself into the end of the hose.

STRAIGHT WITH AN THREADS

"O" rings included, replacements on page 60

Hose Size	Thread	Black Number
-6	9/16-18 (6)	180106BL
-8	3/4-16 (8)	180108BL
-10	7/8-14 (10)	180110BL
-12	1 1/16-12 (12)	180112BL
-16	1 5/16-12 (16)	180116BL
-16	1 1/16-12 (12)	180120BL
-12	1 5/16-12 (16)	180122BL

45° LOW PROFILE WITH AN THREADS

"O" rings included, replacements on page 60

Hose Size	Thread	Black Number
-6	7/16-20 (4)	184564BL
-6	9/16-18 (6)	184506BL
-6	9/16-24 (Demon)	184567BL
-6	1/2-20	184550BL
-6	3/4-16 (8)	184568BL
-6	7/8-20 (Holley)	184569BL
-8	9/16-18 (6)	184507BL
-8	3/4-16 (8)	184508BL
-8	7/8-14 (10)	184581BL
-10	3/4-16 (8)	184509BL
-10	7/8-14 (10)	184510BL
-10	1 1/16-12 (12)	184511BL
-12	1 1/16-12 (12)	184512BL
-12	7/8-14 (10)	184513BL
-12	1 5/16-12 (16)	184514BL
-16	1 5/16-12 (16)	184516BL

90° LOW PROFILE WITH AN THREADS

"O" rings included, replacements on page 60

Hose Size	Thread	Black Number
-6	9/16-18 (6)	189006BL
-6	7/16-20 (4)	189064BL
-6	1/2-20	189050BL
-6	3/4-16 (8)	189068BL
-8	9/16-18 (6)	189007BL
-8	3/4-16 (8)	189008BL
-8	7/8-14 (10)	189081BL
-10	3/4-16 (8)	189009BL
-10	7/8-14 (10)	189010BL
-10	1 1/16-12 (12)	189011BL
-12	1 1/16-12 (12)	189012BL
-12	7/8-14 (10)	189013BL
-12	1 5/16-12 (16)	189014BL
-16	1 5/16-12 (16)	189016BL

SERIES 3000 DIRECT FIT HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

STRAIGHT WITH PIPE THREADS

Hose Size	Thread	Black Number
-6	1/4 NPT	190106BL
-6	1/8 NPT	190162BL
-6	3/8 NPT	190166BL
-8	1/4 NPT	190107BL
-8	3/8 NPT	190108BL
-8	1/2 NPT	190168BL
-10	3/4 NPT	190109BL
-10	1/2 NPT	190110BL
-10	3/8 NPT	190111BL
-12	3/4 NPT	190112BL
-12	1/2 NPT	190113BL

45° LOW PROFILE WITH PIPE THREADS

Hose Size	Thread	Black Number
-6	1/4 NPT	194506BL
-6	1/8 NPT	194562BL
-6	3/8 NPT	194566BL
-6	1/2 NPT	194568BL
-8	1/4 NPT	194507BL
-8	3/8 NPT	194508BL
-8	1/2 NPT	194588BL
-10	3/4 NPT	194509BL
-10	1/2 NPT	194510BL
-10	3/8 NPT	194511BL
-12	3/4 NPT	194512BL
-12	1/2 NPT	194513BL

90° LOW PROFILE WITH PIPE THREADS

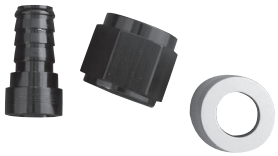
Hose Size	Thread	Black Number
-6	1/4 NPT	199006BL
-6	1/8 NPT	199062BL
-6	3/8 NPT	199066BL
-6	1/2 NPT	199068BL
-8	1/4 NPT	199007BL
-8	3/8 NPT	199008BL
-8	1/2 NPT	199088BL
-10	3/4 NPT	199009BL
-10	1/2 NPT	199010BL
-10	3/8 NPT	199011BL
-12	3/4 NPT	199012BL
-12	1/2 NPT	199013BL

SPORT-CRIMP HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

Fragola's Sport-Crimp Hose Ends share the same high quality design components as our 3000 Series Race Hose Ends. They feature a crimp collar, that threads onto the Hose End body. This assures the user of a perfect crimp connection every time. These Hose Ends are also adjustable in the field, due to Fragola's unique "double swivel" design.

One of the best features of our Sport-Crimp Hose Ends is that it has been designed to work with a more economical hose.



STRAIGHT HOSE ENDS

AN Size	Part Number
-4	3100104
-6	3100106
-8	3100108
-10	3100110
-12	3100112
-16	3100116

30° HOSE ENDS

AN Size	Part Number
-6	3103006
-8	3103008
-10	3103010
-12	3103012
-16	3103016

45° HOSE ENDS

AN Size	Part Number
-4	3104504*
-6	3104506
-8	3104508
-10	3104510
-12	3104512
-16	3104516

60° HOSE ENDS

AN Size	Part Number
-6	3106006
-8	3106008
-10	3106010
-12	3106012
-16	3106016

*Please note that our -4 hose ends are non-swivel

SPORT CRIMP FITTING SPECIFICATIONS

AN Size	Black Nylon Race Hose & 3000 Series Stainless Hose Crimp Diameter +/- .005"	Crimp Length
-4	.480"	Full
-6	.665"	Full
-8	.758"	Full
-10	.918"	Full
-12	1.102"	Full
-16	1.298"	Full

90° HOSE ENDS

AN Size	Part Number
-4	3109004*
-6	3109006
-8	3109008
-10	3109010
-12	3109012
-16	3109016

90° HOSE ENDS, LOW PROFILE

AN Size	Part Number
-6	3109106
-8	3109108
-10	3109110
-12	3109112
-16	3109116

120° HOSE ENDS

AN Size	Part Number
-6	3112006
-8	3112008
-10	3112010
-12	3112012
-16	3112016

150° HOSE ENDS

AN Size	Part Number
-6	3115006
-8	3115008
-10	3115010
-12	3115012
-16	3115016

180° HOSE ENDS

AN Size	Part Number
-6	3118006
-8	3118008
-10	3118010
-12	3118012
-16	3118016

SPORT-CRIMP DIRECT FIT & LOW PROFILE HOSE ENDS

Use with Black Nylon Race Hose Page 21 or 3000 SS Hose Page 22

In some applications the extra height of the adapter makes the installation very tight. Direct Fit & Low Profile Hose Ends help shave valuable inches in tight applications. Fragola Performance Systems Sport-Crimp Direct Fit & Low Profile Hose Ends feature a crimp collar that threads onto the Hose End body. This ensures the user of a perfect, concentric crimp every time. All of these hose ends feature Fragola's unique "double swivel" design so they are adjustable in the field.

30° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	3103010RAD
-12	1 1/16-12 (12)	3103012RAD

90° HOSE ENDS

Hose Size	Tread	Part Number
-10	7/8-14 (10)	3109010RAD
-12	1 1/16-12 (12)	3109012RAD

45° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	3104510RAD
-12	1 1/16-12 (12)	3104512RAD

120° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	3112010RAD
-12	1 1/16-12 (12)	3112012RAD

60° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	3106010RAD
-12	1 1/16-12 (12)	3106012RAD

150° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	3115010RAD
-12	1 1/16-12 (12)	3115012RAD

REPLACEMENT CRIMP COLLARS

Size	Part Number
-4	3100004S
-6	3100006S
-8	3100008S
-10	3100010S
-12	3100012S
-16	3100016S

180° HOSE ENDS

Hose Size	Thread	Part Number
-10	7/8-14 (10)	3118010RAD
-12	1 1/16-12 (12)	3118012RAD

90° HOSE ENDS, LOW PROFILE - ORB

Hose Size	Thread	Part Number
-6	9/16-18 (6)	3109706
-8	9/16-18 (6)	3109707
-8	3/4-16 (8)	3109708
-10	3/4-16 (8)	3109709
-10	7/8-14 (10)	3109710
-10	1 1-1/16-12 (12)	3109711
-6	3/4-16 (8)	3109768
-8	7/8-14 (10)	3109781

90° HOSE ENDS, LOW PROFILE - NPT

Hose Size	Thread	Part Number
-6	1/4 NPT	3109906
-8	1/4 NPT	3109907
-8	3/8 NPT	3109908
-10	3/4 NPT	3109909
-10	1/2 NPT	3109910
-10	3/8 NPT	3109911
-6	1/8 NPT	3109962
-6	3/8 NPT	3109966
-6	1/2 NPT	3109968
-8	1/2 NPT	3109988

PREMIUM BLACK NYLON RACE HOSE

PLEASE NOTE
On bulk lengths of hose over 20 feet, Fragola Performance Systems reserves the right to ship plus or minus 15% in length in order to reduce the number of unsaleable pieces in stock. If you need a specific length for your job, please notify your sales person of the minimum acceptable length.

Recommended for Motorsports applications, the black synthetic rubber core is resistant to oil, fuels, coolants, and alcohols.

- 500 PSI working pressure covers most oil, water, and fuel systems you may encounter.
- Reinforced with a single braid of bright corrosion resistant type 302 stainless steel wire braid.
- Operating range of -40° F to +300° F.
- Black Braided Nylon Cover makes this lightweight hose both durable and attractive.
- Designed to be used with FPS Series 2000 Seires Hose Ends, 3000 Series Hose Ends and FPS Sport-Crimp Hose Ends

As a rule of thumb when selecting AN Hose to replace a given size automotive hose, the dash size is the nominal size 1/16". Example –10, is 10/16" or 5/8" Automotive hose. The AN hose will be slightly smaller due to the thickness of the hose.

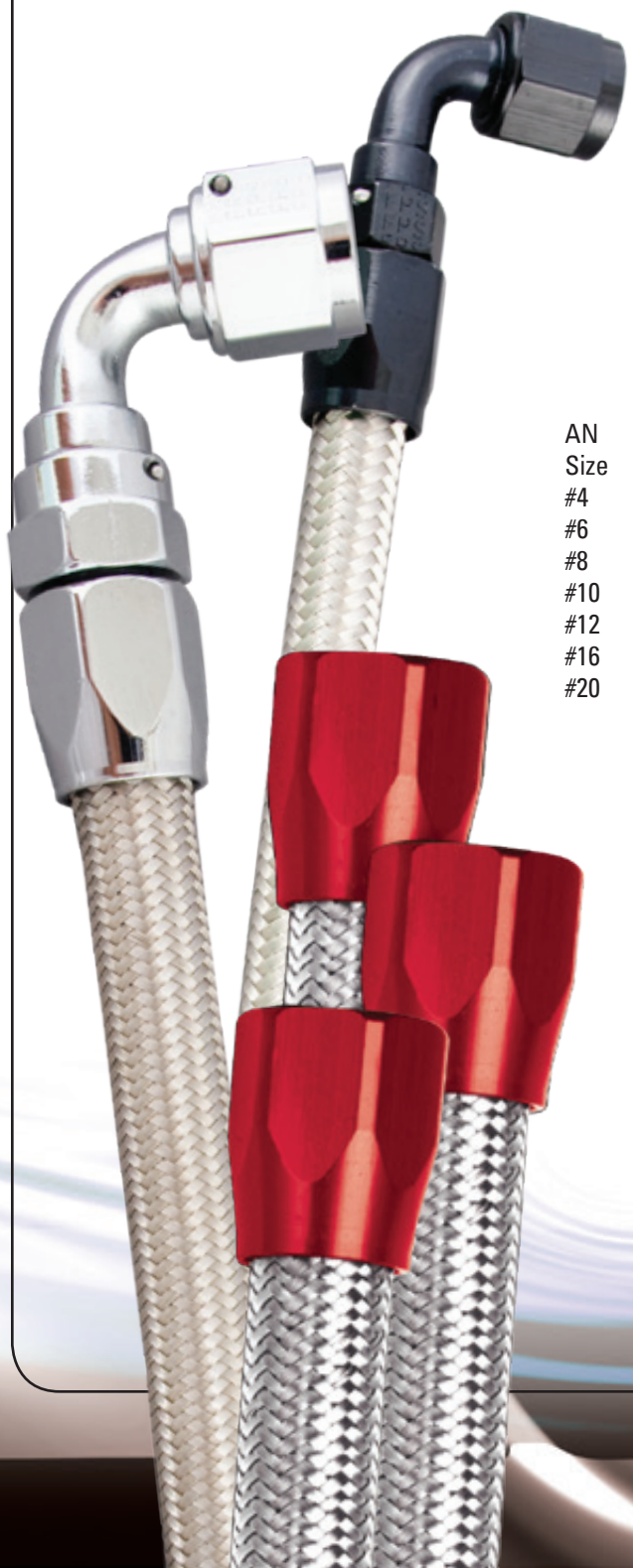
Desc. (In.)	Hose I.D.	Hose O.D.	Bulk Per FT.	3 FT. Roll	6 FT. Roll	10 FT. Roll	15 FT. Roll	20 FT. Roll
#4	7/32"	.440"	840004	840304	840604	841004	841504	842004
#6	11/32"	.560"	840006	840306	840606	841006	841506	842006
#8	7/16"	.670"	840008	840308	840608	841008	841508	842008
#10	9/16"	.820"	840010	840310	840610	841010	841510	842010
#12	11/16"	.960"	840012	840312	840612	841012	841512	842012
#16	7/8"	1.150"	840016	840316	840616	841016	841516	842016

TECHNICAL SPECIFICATIONS

Part	AN Size	Working Pressure	Vacuum Rating	Minimum Bend Radius	Weight Per FT.
840004	#4	500	28 in. hg.	2.0	0.075
840006	#6	500	28 in. hg.	2.5	0.095
840008	#8	500	28 in. hg.	3.5	0.120
840010	#10	500	28 in. hg.	4.0	0.155
840012	#12	350	28 in. hg.	4.5	0.250
840016	#16	350	28 in. hg.	5.5	0.320

SERIES 3000 STAINLESS RACE HOSE

PLEASE NOTE
On bulk lengths of hose over 20 feet, Fragola Performance Systems reserves the right to ship plus or minus 15% in length in order to reduce the number of unsaleable pieces in stock. If you need a specific length for your job, please notify your sales person of the minimum acceptable length.



FPS Series 3000 Race Hose is manufactured to the highest aerospace-quality standard for years of trouble-free service even in the most demanding circumstances.

- 500-1500 psi. working pressure covers most of the oil, water and fuel systems you may encounter.
- Two layers of rugged woven stainless steel.
- Inner layer resists collapse and the outer layer protect against abrasion.
- Unique CPFE inner liner is compatible with all hydrocarbon and alcohol based fuels, along with synthetic and natural based lubricants.
- Operating range of –40° F to +300° F.
- Designed to be used with FPS Series 2000 "Pro-Flow", Series 3000 "Race" Hose Ends, and Sport Crimp Race Hose Ends.

As a rule of thumb when selecting an AN hose to replace a given size automotive hose, the dash size is the nominal size in 1/16". Example: -10, is 10/16" or equivalent 5/8" automotive hose. The AN hose will be slightly smaller due to the wall thickness of the hose.

AN Size	Nom I.D.	Hose O.D.	Bulk Per FT.	3 FT. Roll	6 FT. Roll	10 FT. Roll	15 FT. Roll	20 FT. Roll
#4	7/32"	.450"	700004	703004	706004	710004	715004	720004
#6	11/32"	.550"	700006	703006	706006	710006	715006	720006
#8	7/16"	.660"	700008	703008	706008	710008	715008	720008
#10	9/16"	.805"	700010	703010	706010	710010	715010	720010
#12	11/16"	.935"	700012	703012	706012	710012	715012	720012
#16	7/8"	1.150"	700016	703016	706016	710016	715016	720016
#20	1 1/8"	1.460"	700020	703020	706020	710020	715020	720020

TECH TIP:
On some high vacuum applications FPS offers a stainless inner support spring as extra insurance against hose collapsing. See page 59 for the complete listing.

TECHNICAL SPECIFICATIONS

Part Number	AN Size	Working Pressure	Vacuum Rating	Minimum Bend Radius	Weight Per FT.
700004	-4	1500 psi.	27 in. hg.	2"	0.12 lbs.
700006	-6	1500 psi.	27 in. hg.	2 1/2"	0.15 lbs.
700008	-8	1250 psi.	27 in. hg.	3 1/2"	0.18 lbs.
700010	-10	1250 psi.	27 in. hg.	4"	0.23 lbs.
700012	-12	1000 psi.	27 in. hg.	4 1/2"	0.28 lbs.
700016	-16	750 psi.	22 in. hg.	5 1/2"	0.40 lbs.
700020	-20	500 psi.	22 in. hg.	8"	0.61 lbs.

SERIES 8000 PUSH-LITE RACE HOSE ENDS

Use with 8000 Series Push-LOK Page 24 or 8600 - 8700 Series Push-LOK Page 25

STRAIGHT RACE HOSE ENDS

Size	Part #	Black	Clear
-4	200104	200104BL	200104CL
-6	200106	200106BL	200106CL
-8	200108	200108BL	200108CL
-10	200110	200110BL	200110CL
-12	200112	200112BL	200112CL
-16	200116	200116BL	N/A
-20	N/A	200120BL	N/A

30° RACE HOSE ENDS

Size	Part #	Black	Clear
-6	203006	203006BL	203006CL
-8	203008	203008BL	203008CL
-10	203010	203010BL	203010CL
-12	203012	203012BL	203012CL
-16	203016	203016BL	N/A

45° RACE HOSE ENDS

Size	Part #	Black	Clear
-4	204504	204504BL	204504CL
-6	204506	204506BL	204506CL
-8	204508	204508BL	204508CL
-10	204510	204510BL	204510CL
-12	204512	204512BL	204512CL
-16	204516	204516BL	N/A

60° RACE HOSE ENDS

Size	Part #	Black	Clear
-6	206006	206006BL	206006CL
-8	206008	206008BL	206008CL
-10	206010	206010BL	206010CL
-12	206012	206012BL	206012CL
-16	206016	206016BL	N/A

90° RACE HOSE ENDS

Size	Part #	Black	Clear
-4	209004	209004BL	209004CL
-6	209006	209006BL	209006CL
-8	209008	209008BL	209008CL
-10	209010	209010BL	209010CL
-12	209012	209012BL	209012CL
-16	209016	209016BL	N/A
-20	N/A	209020BL	N/A

PUSH-LOK X NPT HOSE ENDS

Size	Part #	Black
-6 X 3/8 NPT	200123	200123BL
-6 X 1/2 NPT	200124	200124BL

120° RACE HOSE ENDS

Size	Part #	Black	Clear
-6	212006	212006BL	212006CL
-8	212008	212008BL	212008CL
-10	212010	212010BL	212010CL
-12	212012	212012BL	212012CL
-16	212016	212016BL	N/A

150° RACE HOSE ENDS

Size	Part #	Black	Clear
-6	215006	215006BL	215006CL
-8	215008	215008BL	215008CL
-10	215010	215010BL	215010CL
-12	215012	215012BL	215012CL
-16	215016	215016BL	N/A

180° RACE HOSE ENDS

Size	Part #	Black	Clear
-6	218006	218006BL	218006CL
-8	218008	218008BL	218008CL
-10	218010	218010BL	218010CL
-12	218012	218012BL	218012CL
-16	218016	218016BL	N/A

90° X REDUCER RACE HOSE ENDS

Size	Part #	Black
-8 X 3/8 (-6) BARB	209108	209108BL
-10 X 5/8 (-8) BARB	209110	209110BL

STRAIGHT X REDUCER RACE HOSE ENDS

Size	Part #	Black
-8 X 3/8 (-6) BARB	200107	200107BL
-10 X 1/2 (-8) BARB	200109	200109BL

8000 PUSH-LOK GENERAL PURPOSE HOSE

FPS Series 8000 Push-Lite Race Hose is manufactured to the same rigorous standards as our Series 3000 Stainless Race Hose. It is the perfect alternative when cost or weight is the main consideration.

- 250 PSI maximum working pressure allows for most automotive water, oil and fuel systems.
- Inner layer of synthetic PKR covered with a fiber braid reinforcement and wrapped with a weather-resistant textile cover.
- Temperature range to 300° F.
- Hose assemblies with Push-Lite Hose are over half the weight of the same stainless hose assembly.
- For high heat or higher-pressure applications, we recommend our light-weight stainless band clamps. See page 60 for details.

The Series 8000 Push-Lite Hose may be used in any number of automotive applications. If you are using fittings other than our Series 8000 Push-Lite Hose Ends, be sure to measure the hose barb diameter to determine suitability. This hose is sized fractionally, but the suitability is at the sole determination of the end user.

TECH TIP:
To ease the installation of any push on hose ends, first dip the end of the hose in boiling water to soften it slightly, (a heat gun will also work). Clamp the hose end in a vise and apply a light oil to the hose end barb. Then push the hose over the barbs with one smooth movement.

AN Size	Nom I.D.	Hose O.D.	Bulk Per FT.	3 FT. Roll	6 FT. Roll	10 FT. Roll	15 FT. Roll	20 FT. Roll
-4	1/4"	.510"	800004	803004	806004	810004	815004	820004
-6	3/8"	.625"	800006	803006	806006	810006	815006	820006
-8	1/2"	.770"	800008	803008	806008	810008	815008	820008
-10	5/8"	.910"	800010	803010	806010	810010	815010	820010
-12	3/4"	1.030"	800012	803012	806012	810012	815012	820012

TECHNICAL SPECIFICATIONS

Part Number	Size	Push-Lite Designation	Max Burst Pressure	Vacuum Rating	Weight Per FT.
800004	1/4"	-4	350 psi.	28 in. hg.	0.09 lbs.
800006	3/8"	-6	300 psi.	28 in. hg.	0.11 lbs.
800008	1/2"	-8	300 psi.	28 in. hg.	0.18 lbs.
800010	5/8"	-10	250 psi.	15 in. hg.	0.19 lbs.
800012	3/4"	-12	250 psi.	15 in. hg.	0.24 lbs.

PLEASE NOTE
On bulk lengths of hose over 20 feet, Fragola Performance Systems reserves the right to ship plus or minus 15% in length, in order to reduce the number of unsaleable pieces in stock. If you need a specific length for your job, please notify your sales person of the minimum acceptable length.

SERIES 8600-8700 PARKER PUSH-LOK GENERAL PURPOSE HOSE

Parker Push-Lok is the performance standard for a multitude of applications. It is manufactured to the same rigorous standards as all of Parker's products. This hose performs well when used within the temperature and pressure parameters that it was designed for:

- 250 psi. maximum pressure for most oil, water and fuel applications.
- Temperature range –40° F to +212° F.

Synthetic rubber tube is covered with one layer of textile braid,combined with an outer layer of synthetic colored rubber. Sized in fractions and may be used with any push-on style fitting. Series 8000 Push Lite Race Hose Ends work well with this type of hose.

AN	Nom	Hose	Bulk Per FT.		3 FT.		6 FT.		10 FT.		15 FT.		20 FT.	
Size	I.D.	O.D.	Blue	Black	Blue	Black	Blue	Black	Blue	Black	Blue	Black	Blue	Black
-4	1/4″	.510″	860004	870004	863004	873004	866004	876004	861004	871004	861504	871504	862004	872004
-6	3/8″	.625″	860006	870006	863006	873006	866006	876006	861006	871006	861506	871506	862006	872006
-8	1/2″	.790″	860008	870008	863008	873008	866008	876008	861008	871008	861508	871508	862008	872008
-10	5/8″	.910″	860010	870010	863010	873010	866010	876010	861010	871010	861510	871510	862010	872010
-12	3/4″	1.040″	860012	870012	863012	873012	866012	876012	861012	871012	861512	871512	862012	872012
-16	1″	1.310″	860016	870016	863016	873016	866016	876016	861016	871016	861516	871516	862016	872016
-20	1 1/4″	1.650″	N/A	870020	N/A	N/A	N/A	N/A	N/A	871020	N/A	N/A	N/A	872020

NOW AVAILABLE IN
BLACK

TECHNICAL SPECIFICATIONS

Size	AN Designation	Max Working Pressure	Vacuum Rating	Weight Per FT.
1/4″	-4	250 psi.	28 in. hg.	.09 lbs.
3/8″	-6	250 psi.	28 in. hg.	.11 lbs.
1/2″	-8	250 psi.	28 in. hg.	.18 lbs.
5/8″	-10	250 psi.	15 in. hg.	.19 lbs.
3/4″	-12	250 psi.	15 in. hg.	.24 lbs
1″	-16	175 psi.	15 in. hg.	.55 lbs.

RECOMMENDED ACCESSORIES

Rubber hose cutter part number 900066. See Page 66 for details.

Push Lok clamps and pliers. See page 64 for details

PLEASE NOTE

On bulk lengths of hose over 20 feet, Fragola Performance Systems reserves the right to ship plus or minus 15% in length in order to reduce the number of unsaleable pieces in stock. If you need a specific length for your job, please notify your sales person of the minimum acceptable length.

ALUMINUM AN ADAPTERS

If no color is specified for the adapter, the standard color is blue.

STRAIGHT ADAPTERS - 816

Description	Part Number	Black	Clear	Chrome
-3 X 1/16" NPT	481601	481601BL	N/A	N/A
-3 X 1/8" NPT	481603	481603BL	481603CL	N/A
-3 X 1/4" NPT	481634	481634BL	N/A	N/A
-3 X 3/8" NPT	481636	481636BL	N/A	N/A
-4 X 1/16" NPT	481602	481602BL	N/A	N/A
-4 X 1/8" NPT	481604	481604BL	481604CL	N/A
-4 X 1/4" NPT	481605	481605BL	481605CL	N/A
-4 X 3/8" NPT	481644	481644BL	481644CL	N/A
-6 X 1/8" NPT	481662	481662BL	481662CL	N/A
-6 X 1/4" NPT	481606	481606BL	481606CL	N/A
-6 X 3/8" NPT	481666	481666BL	481666CL	481666CH
-6 X 1/2" NPT	481668	481668BL	481668CL	481668CH
-8 X 1/4" NPT	481607	481607BL	481607CL	N/A
-8 X 3/8" NPT	481608	481608BL	481608CL	481608CH
-8 X 1/2" NPT	481688	481688BL	481688CL	481688CH
-8 X 3/4" NPT	481617	481617BL	N/A	N/A
-10 X 3/8" NPT	481611	481611BL	481611CL	N/A
-10 X 1/2" NPT	481610	481610BL	481610CL	N/A
-10 X 3/4" NPT	481609	481609BL	481609CL	N/A
-12 X 1/2" NPT	481613	481613BL	481613CL	N/A
-12 X 3/4" NPT	481612	481612BL	481612CL	N/A
-12 X 1" NPT	481619	481619BL	N/A	N/A
-16 X 3/4" NPT	481615	481615BL	481615CL	N/A
-16 X 1" NPT	481616	481616BL	481616CL	N/A
-16 X 1-1/4" NPT	N/A	481622BL	N/A	N/A
-20 X 1" NPT	481621	481621BL	N/A	N/A
-20 X 1 1/4" NPT	481620	481620BL	N/A	N/A

AN X NPS THREAD, TRANSMISSION FITTINGS

Description	Part Number
6AN x 1/4" NPS	481670BL
6AN x 1/8" NPS	481671BL
6AN x 1/4" NPS	481672BL (Use for rear 4L80E trans line)
8AN X 1/4" NPS	481673BL

OIL PRESSURE INLET FITTINGS - 817

Hose	Part Number
-10 X 1/2 NPT, 3.2" Long	481710BL
-12 X 1/2 NPT, 3.2" Long	481712BL
-10 X 1/2 NPT, 4.4" Long	481713BL
-12 X 1/2 NPT, 4.4" Long	481714BL

ALUMINUM AN ADAPTERS

If no color is specified for the adapter, the standard color is blue.

90° ADAPTERS - 822

Description	Part Number	Black	Clear
-3 X 1/8" NPT	482203	482203BL	482203CL
-3 X 1/4" NPT	482234	482234BL	N/A
-3 X 3/8" NPT	482236	482236BL	N/A
-4 X 1/8" NPT	482204	482204BL	482204CL
-4 X 1/4" NPT	482244	482244BL	482244CL
-4 X 3/8" NPT	482238	482238BL	N/A
-6 X 1/8" NPT	482262	482262BL	482262CL
-6 X 1/4" NPT	482206	482206BL	482206CL
-6 X 3/8" NPT	482266	482266BL	482266CL
-6 X 1/2" NPT	482268	482268BL	482268CL
-8 X 1/4" NPT	482207	482207BL	482207CL
-8 X 3/8" NPT	482208	482208BL	482208CL
-8 X 1/2" NPT	482288	482288BL	482288CL
-8 X 3/4" NPT	482217	482217BL	N/A
-10 X 3/4" NPT	482209	482209BL	482209CL
-10 X 1/2" NPT	482210	482210BL	482210CL
-10 X 3/8" NPT	482211	482211BL	482211CL
-12 X 3/4" NPT	482212	482212BL	482212CL
-12 X 1/2" NPT	482213	482213BL	482213CL
-12 X 1" NPT	482219	482219BL	N/A
-16 X 3/4" NPT	482215	482215BL	482215CL
-16 X 1" NPT	482216	482216BL	482216CL

45° ADAPTERS - 823

Description	Part Number	Black	Clear
-3 X 1/8" NPT	482303	482303BL	482303CL
-3 X 1/4" NPT	482334	482334BL	N/A
-3 X 3/8" NPT	482336	482336BL	N/A
-4 X 1/8" NPT	482304	482304BL	482304CL
-4 X 1/4" NPT	482344	482344BL	482344CL
-4 X 3/8" NPT	482338	482338BL	N/A
-6 X 1/8" NPT	482362	482362BL	482362CL
-6 X 1/4" NPT	482306	482306BL	482306CL
-6 X 3/8" NPT	482366	482366BL	482366CL
-6 X 1/2" NPT	482368	482368BL	482368CL
-8 X 1/2" NPT	482388	482388BL	482388CL
-8 X 1/4" NPT	482307	482307BL	482307CL
-8 X 3/8" NPT	482308	482308BL	482308CL
-8 X 3/4" NPT	482317	482317BL	N/A
-10 X 1/2" NPT	482310	482310BL	482310CL
-10 X 3/8" NPT	482311	482311BL	482311CL
-10 X 3/4" NPT	482309	482309BL	N/A
-12 X 1/2" NPT	482313	482313BL	482313CL
-12 X 3/4" NPT	482312	482312BL	482312CL
-12 X 1" NPT	482319	482319BL	N/A
-16 X 3/4" NPT	482315	482315BL	N/A
-16 X 1" NPT	482316	482316BL	482316CL

ALUMINUM AN ADAPTERS

TEE - 824

Description	Part Number	Black	Clear
-3 TEE	482403	482403BL	482403CL
-4 TEE	482404	482404BL	482404CL
-6 TEE	482406	482406BL	482406CL
-8 TEE	482408	482408BL	482408CL
-10 TEE	482410	482410BL	482410CL
-12 TEE	482412	482412BL	482412CL
-16 TEE	482416	482416BL	482416CL

UNION - 815

Description	Part Number	Black	Clear
-3 X -3	481503	481503BL	481503CL
-4 X -4	481504	481504BL	481504CL
-6 X -6	481506	481506BL	481506CL
-8 X -8	481508	481508BL	481508CL
-10 X -10	481510	481510BL	481510CL
-12 X -12	481512	481512BL	481512CL
-16 X -16	481516	481516BL	481516CL
-20 X -20	481520	481520BL	N/A

STRAIGHT BULKHEAD - 832

Description	Part Number	Black	Clear
-3	483203	483203BL	483203CL
-4	483204	483204BL	483204CL
-6	483206	483206BL	483206CL
-8	483208	483208BL	483208CL
-10	483210	483210BL	483210CL
-12	483212	483212BL	483212CL
-16	483216	483216BL	483216CL
-20	483220	483220BL	483220CL

ALUMINUM AN ADAPTERS

45° BULKHEAD - 837

Description	Blue	Black
-3 X 45°	483703	483703BL
-4 X 45°	483704	483704BL
-6 X 45°	483706	483706BL
-8 X 45°	483708	483708BL
-10 X 45°	483710	483710BL
-12 X 45°	483712	483712BL
-16 X 45°	483716	483716BL

90° BULKHEAD - 833

Description	Blue	Black
-3 X 90°	483303	483303BL
-4 X 90°	483304	483304BL
-6 X 90°	483306	483306BL
-8 X 90°	483308	483308BL
-10 X 90°	483310	483310BL
-12 X 90°	483312	483312BL
-16 X 90°	483316	483316BL

BULKHEAD TEE ON-THE-SIDE - 834

Description	Blue	Black
-3	483403	483403BL
-4	483404	483404BL
-6	483406	483406BL
-8	483408	483408BL
-10	483410	483410BL
-12	483412	483412BL
-16	483416	483416BL

BULKHEAD TEE ON-THE-RUN - 804

Description	Blue	Black
-3	480403	480403BL
-4	480404	480404BL
-6	480406	480406BL
-8	480408	480408BL
-10	480410	480410BL
-12	480412	480412BL
-16	480416	480416BL

ALUMINUM TEE PIPE ON-THE-SIDE - 825

Description	Blue	Black
-3 X 1/8 NPT	482503	482503BL
-4 X 1/8 NPT	482504	482504BL
-6 X 1/4 NPT	482506	482506BL
-8 X 3/8 NPT	482508	482508BL
-10 X 1/2 NPT	482510	482510BL

ALUMINUM TEE PIPE ON-THE-RUN - 826

Description	Blue	Black
-3 X 1/8 NPT	482603	482603BL
-4 X 1/8 NPT	482604	482604BL
-6 X 1/4 NPT	482606	482606BL
-8 X 3/8 NPT	482608	482608BL
-10 X 1/2 NPT	482610	482610BL

FUEL CELL BULKHEAD - 831

Description	Black
-6	483106BL
-8	483108BL
-10	483110BL
-12	483112BL

BULKHEAD NUT - 924

AN Size	Thread Size	Part Number	Black	Clear
-3	3/8-24	492403	492403BL	492403CL
-4	7/16-20	492404	492404BL	492404CL
-6	9/16-18	492406	492406BL	492406CL
-8	3/4-16	492408	492408BL	492408CL
-10	7/8-14	492410	492410BL	492410CL
-12	1 1/16-12	492412	492412BL	492412CL
-16	1 5/16-12	492416	492416BL	492416CL
-20	1 5/8-12	492420	492420BL	492420CL

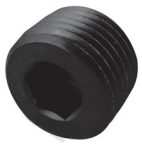
ALUMINUM AN ADAPTERS

ALUMINUM FLARE PLUG - 806

Description	Blue	Black
-3 AN	480603	480603BL
-4 AN	480604	480604BL
-6 AN	480606	480606BL
-8 AN	480608	480608BL
-10 AN	480610	480610BL
-12 AN	480612	480612BL
-16 AN	480616	480616BL
-20 AN	480620	480620BL

ALUMINUM FLARE CAP - 929

Description	Blue	Black
-3 Cap	492903	492903BL
-4 Cap	492904	492904BL
-6 Cap	492906	492906BL
-8 Cap	492908	492908BL
-10 Cap	492910	492910BL
-12 Cap	492912	492912BL
-16 Cap	492916	492916BL
-20 Cap	492920	492920BL
-6 w/ 1/8 FPT	492926	492926BL
-8 w/ 1/8 FPT	492928	492928BL



INTERNAL PIPE PLUG - 932

Description	Blue	Black
1/16 NPT	493201	493201BL
1/8 NPT	493202	493202BL
1/4 NPT	493203	493203BL
3/8 NPT	493204	493204BL
1/2 NPT	493205	493205BL
3/4 NPT	493206	493206BL
1 NPT	493207	493207BL

HEX PIPE PLUG - 933

Description	Blue	Black
1/8 NPT	493301	493301BL
1/4 NPT	493302	493302BL
3/8 NPT	493303	493303BL
1/2 NPT	493304	493304BL
3/4 NPT	493306	493306BL

ALUMINUM PORT PLUGS WITH GAUGE PORT

Description	Black
-6 w/ 1/8 FPT	481426BL
-8 w/ 1/8 FPT	481428BL
-10 w/ 1/8 FPT	481430BL

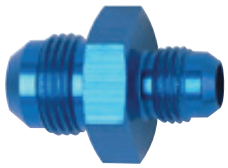
ALUMINUM PORT PLUG - 814

"O" Rings Included

Description	Blue	Black
-3 (3/8-24)	481403	481403BL
-4 (7/16-20)	481404	481404BL
-6 (9/16-18)	481406	481406BL
-8 (3/4-16)	481408	481408BL
-10 (7/8-14)	481410	481410BL
-12 (1 1/16-12)	481412	481412BL
-16 (1 5/16-12)	481416	481416BL

SOCKET HEX PORT PLUG - 813

Description	Black Only
-4	481304BL
-6	481306BL
-8	481308BL
-10	481310BL
-12	481312BL



ALUMINUM MALE REDUCERS - 919

Description	Blue	Black
-3 X -4	491902	491902BL
-4 X -6	491906	491906BL
-4 X -8	491908	491908BL
-6 X -8	491912	491912BL
-4 X -10	491913	491913BL
-6 X -10	491914	491914BL
-8 X -10	491915	491915BL
-4 X -12	491916	491916BL
-12 X -6	491918	491918BL
-12 X -8	491919	491919BL
-10 X -12	491920	491920BL
-10 X -16	491922	491922BL
-12 X -16	491923	491923BL
-12 X -20	491925	491925BL
-16 X -20	491926	491926BL

ALUMINUM AN ADAPTERS

FEMALE SWIVELS - 961

Description	Blue	Black
-3	496103	496103BL
-4	496104	496104BL
-6	496106	496106BL
-6 X -8	496107	496107BL
-8	496108	496108BL
-8 X -10	496109	496109BL
-10	496110	496110BL
-12	496112	496112BL
-16	496116	496116BL

FEMALE - FEMALE 90° TUBE STYLE - 963

Description	Black Only
-4 X 90°	496321BL
-6 X 90°	496317BL
-8 X 90°	496318BL
-10 X 90°	496319BL
-12 X 90°	496320BL

FEMALE TO MALE 90° SWIVELS - 981

Description	Blue	Black
-3 X 90°	498101	498101BL
-4 X 90°	498102	498102BL
-6 X 90°	498103	498103BL
-8 X 90°	498104	498104BL
-10 X 90°	498105	498105BL
-12 X 90°	498106	498106BL
-16 X 90°	498108	498108BL

FEMALE TO MALE 45° SWIVELS - 980

Description	Blue	Black
-3 X 45°	498001	498001BL
-4 X 45°	498002	498002BL
-6 X 45°	498003	498003BL
-8 X 45°	498004	498004BL
-10 X 45°	498005	498005BL
-12 X 45°	498006	498006BL
-16 X 45°	498008	498008BL

FEMALE TO FEMALE 45° COUPLER - 962

Description	Blue	Black
-3 X 45°	496203	496203BL
-4 X 45°	496204	496204BL
-6 X 45°	496206	496206BL
-8 X 45°	496208	496208BL
-10 X 45°	496210	496210BL
-12 X 45°	496212	496212BL
-16 X 45°	496216	496216BL

FEMALE TO FEMALE 90° COUPLER - 963

Description	Blue	Black
-3 X 90°	496303	496303BL
-4 X 90°	496304	496304BL
-6 X 90°	496306	496306BL
-8 X 90°	496308	496308BL
-10 X 90°	496310	496310BL
-12 X 90°	496312	496312BL
-16 X 90°	496316	496316BL

TEE FEMALE SWIVEL ON RUN - 983

Description	Blue	Black
-3	498301	498301BL
-4	498302	498302BL
-6	498303	498303BL
-8	498304	498304BL
-10	498305	498305BL
-12	498306	498306BL
-16	498308	498308BL

TEE FEMALE SWIVEL ON SIDE - 982

Description	Blue	Black
-3	498201	498201BL
-4	498202	498202BL
-6	498203	498203BL
-8	498204	498204BL
-10	498205	498205BL
-12	498206	498206BL
-16	498208	498208BL

90° Union - 821

Description	Blue	Black
#3 x 90	482103	482103BL
#4 x 90	482104	482104BL
#6 x 90	482106	482106BL
#8 x 90	482108	482108BL
#10 x 90	482110	482110BL
#12 x 90	482112	482112BL
#16 x 90	482116	482116BL

ALUMINUM AN ADAPTERS

FEMALE PIPE COUPLER - 910

Description	Blue	Black
1/8 FPT	491001	491001BL
1/4 FPT	491002	491002BL
3/8 FPT	491003	491003BL
1/2 FPT	491004	491004BL
3/4 FPT	491006	491006BL

MALE PIPE NIPPLE - 911

Description	Blue	Black
1/8 NPT	491101	491101BL
1/4 NPT	491102	491102BL
3/8 NPT	491103	491103BL
1/2 NPT	491104	491104BL
3/4 NPT	491106	491106BL

PIPE REDUCER - 912

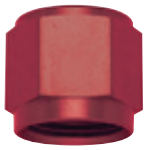
Description	Blue	Black
1/8 X 1/4	491201	491201BL
1/4 X 3/8	491202	491202BL
1/8 X 3/8	491203	491203BL
3/8 X 1/2	491204	491204BL
1/4 X 1/2	491205	491205BL
1/8 X 1/2	491206	491206BL
1/2 X 3/4	491207	491207BL
3/8 X 3/4	491208	491208BL
1/4 X 3/4	491209	491209BL
3/4 X 1	N/A	491210BL
1/2 X 1	N/A	491211BL
3/8 X 1	N/A	491212BL
3/4 X 1-1/4	N/A	491213BL

SWIVEL REDUCER - 972

Description	Blue	Black
-4 Nut X -3 Male	497204	497204BL
-6 Nut X -4 Male	497206	497206BL
-8 Nut X -6 Male	497208	497208BL
-10 Nut X -6 Male	497210	497210BL
-10 Nut X -8 Male	497211	497211BL
-12 Nut X -8 Male	497212	497212BL
-12 Nut X -10 Male	497213	497213BL
-16 Nut X -10 Male	497216	497216BL
-16 Nut X -12 Male	497217	497217BL
-8 Nut X -4 Male	497218	497218BL
-20 Nut X -16 Male	497219	497219BL

SWIVEL FLARE EXPANDER - 973

Description	Blue	Black
-3 Nut X -4 Male	497304	497304BL
-4 Nut X -6 Male	497306	497306BL
-6 Nut X -8 Male	497308	497308BL
-8 Nut X -10 Male	497310	497310BL
-10 Nut X -12 Male	497312	497312BL
-12 Nut X -16 Male	497316	497316BL
-16 Nut X -20 Male	497320	497320BL



ALUMINUM TUBE NUT - 818

Description	Blue	Red	Black
-3 Tube Nut	481803	481823	481803BL
-4 Tube Nut	481804	481824	481804BL
-6 Tube Nut	481806	481826	481806BL
-8 Tube Nut	481808	N/A	481808BL
-10 Tube Nut	481810	N/A	481810BL
-12 Tube Nut	481812	N/A	481812BL
-16 Tube Nut	481816	N/A	481816BL

ALUMINUM TUBE SLEEVE - 819

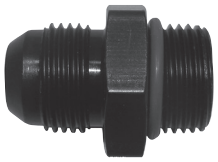
Description	Blue	Red	Black
-3 Tube Sleeve	481903	481923	481903BL
-4 Tube Sleeve	481904	481924	481904BL
-6 Tube Sleeve	481906	481926	481906BL
-8 Tube Sleeve	481908	N/A	481908BL
-10 Tube Sleeve	481910	N/A	481910BL
-12 Tube Sleeve	481912	N/A	481912BL
-16 Tube Sleeve	481916	N/A	481916BL

ALUMINUM AN ADAPTERS

METRIC ADAPTER

(Seals with crush washer, not included. Crush washers are available on page 64)

AN Size	Metric	Part Number	Black
-4	8 X 1.0	460406	460406BL
-4	8 X 1.5	460407	460407BL
-4	10 X 1.0	460408	460408BL
-4	10 X 1.25	460409	460409BL
-4	10 X 1.5	460410	460410BL
-4	12 X 1.0	460411	460411BL
-4	12 X 1.25	460412	460412BL
-4	12 X 1.5	N/A	460405BL
-4	14 X 1.5	460413	460413BL
-6	10 X 1.0	491961	491961BL
-6	10 X 1.25	460606	460606BL
-6	10 X 1.5	460607	460607BL
-6	12 X 1.5	491953	491953BL
-6	12 X 1.25	491954	491954BL
-6	14 X 1.5	460614	460614BL
-6	16 X 1.5	460616	460616BL
-6	18 X 1.5	460618	460618BL
-6	22 X 1.5	460414	460414BL
-8	10 x 1.0	N/A	460810BL
-8	12 X 1.5	460812	460812BL
-8	14 X 1.5	460814	460814BL
-8	16 X 1.5	460816	460816BL
-8	18 X 1.5	460818	460818BL
-8	22 X 1.5	460415	460415BL
-10	12 X 1.5	461012	461012BL
-10	14 X 1.5	461014	461014BL
-10	16 X 1.5	461016	461016BL
-10	18 X 1.5	461018	461018BL
-10	20 X 1.5	461008	461008BL
-10	22 X 1.5	460416	460416BL
-12	12 X 1.5	461212	461212BL
-12	14 X 1.5	461214	461214BL
-12	16 X 1.5	461216	461216BL
-12	18 X 1.5	461218	461218BL
-12	20 X 1.5	461210	461210BL
-12	22 X 1.5	460417	460417BL
-16	22 X 1.5	460418	460418BL



RADIUS FITTING

(Comes with O-ring, replacements on page 64)

AN Size	SAE O-Ring Side	Part Number	Black	Chrome
-3	3/8-24 (3)	N/A	495127BL	N/A
-4	3/8-24 (3)	495124	495124BL	N/A
-4	7/16-20 (4)	495125	495125BL	N/A
-4	9/16-18 (6)	495110	495110BL	N/A
-4	3/4-16 (8)	495111	495111BL	N/A
-4	7/8-14 (10)	495112	495112BL	N/A
-6	9/16-18 (6)	495100	495100BL	495100CH
-6	3/4-16 (8)	495101	495101BL	495101CH
-6	7/8-14 (10)	495113	495113BL	N/A
-6	11/16-12 (12)	495114	495114BL	N/A
-8	9/16-18 (6)	495102	495102BL	495102CH
-8	3/4-16 (8)	495103	495103BL	495103CH
-8	7/8-14 (10)	495104	495104BL	495104CH
-8	1 1/16-12 (12)	495115	495115BL	N/A
-8	1 5/16-12 (16)	495116	495116BL	N/A
-10	3/4-16 (8)	495105	495105BL	495105CH
-10	7/8-14 (10)	495106	495106BL	495106CH
-10	1 1/16-12 (12)	495107	495107BL	495107CH
-10	1 5/16-12 (16)	495117	495117BL	N/A
-12	3/4-16 (8)	495122	495122BL	N/A
-12	7/8-14 (10)	495108	495108BL	495108CH
-12	7/8-14 (10) Short	495640	495640BL	N/A
-12	1 1/16-12 (12)	495109	495109BL	495109CH
-12	1 5/16-12 (16)	495118	495118BL	N/A
-16	1 1/16-12 (12)	495120	495120BL	N/A
-16	1 5/16-12 (16)	495119	495119BL	N/A
-20	1 5/16-12 (16)	495123	495123BL	N/A

FILTER FITTING

#12 X 1 1/16 - 12 (12), Black 495961BL

FILTER SCREENS - 999

#12 Filter Screen, 4 Pack 999961

ON/OFF FUEL SHUT-OFF VALVES

Description	Black
3/8 FPT Inlet x 6AN Male Outlet	961006BL
3/8 FPT Inlet x 8AN Male Outlet	961008BL
1/2 FPT Inlet x 10AN Male Outlet	961010BL

CARBURETOR, POWER STEERING & FUEL INJECTION ADAPTERS

The most popular adapters are available in colors to accent any fuel system. If no color is called out, adapter is anodized standard blue.

Description	Part Number	Black	Clear	Chrome
-6 X 5/8-20 Male, Carter	491950	491950BL	491950CL	N/A
-8 X 5/8-20 Male, Carter & Edelbrock	491967	491967BL	491967CL	N/A
-6 X 1/2-20 Male, 5/16 Tube I.F.	491955	491955BL	491955CL	N/A
-6 X 5/8-18 Male, 3/8 Tube I.F.	491956	491956BL	491956CL	N/A
-8 X 5/8-18 Male, 3/8 Tube I.F.	491949	491949BL	N/A	N/A
-6 X 11/16-18 Male, 7/16 Tube I.F.	491959	491959BL	491959CL	N/A
-6 X 9/16-24 Male, Holley & Demon	491951	491951BL	491951CL	491951CH
-6 X 7/8-20 Male Holley-4150	491952	491952BL	491952CL	491952CH
-8 X 7/8-20 Male, Holley-4150	491948	491948BL	N/A	N/A
-6 X 1-20 Male, Rochester	491960	491960BL	491960CL	N/A
-8 X 1-20 Male, Rochester	491965	491965BL	491965CL	N/A
-6 X 14mm X 1.5 Male, EFI or P/S	491962	491962BL	491962CL	N/A
-6 X 16mm X 1.5 Male, EFI or P/S	491963	491963BL	491963CL	N/A
-6 X 18mm X 1.5 Male, EFI or P/S	491964	491964BL	491964CL	N/A
-8 X 16mm X 1.5 Male, EFI or P/S	491988	491988BL	N/A	N/A
-6 X 9/16-24 Male, 3" Long	491977	491977BL	N/A	491977CH
-8 X 9/16-24 Male, 2" Long, Holley & Demon	491966	491966BL	491966CL	491966CH
-8 X 9/16-24 Male, 3" Long	491978	491978BL	N/A	491978CH
-10 X 9/16-25 Male, 2" Long, Holley & Demon	491984	491984BL	N/A	N/A
-6 X 7/8-20 Male, 3" Long	491975	491975BL	N/A	491975CH
-8 X 7/8-20 Male, 3" Long	491976	491976BL	N/A	491976CH

CARBURETOR, POWER STEERING & FUEL INJECTION ADAPTERS

Description	Part Number	Black	Clear	Chrome
-8 X 3/4-16 ORB, Braswell Carb Adapter Female Nut, Black Only	N/A	491973BL	N/A	N/A
-8 X 7/8-20 Holley Carb Adaper,Female Nut, Black Only	N/A	491974BL	N/A	N/A

-6 X 3/4-16 ORB, Carburetor Adapter Short, Black Only	N/A	491945BL	N/A	N/A
-8 X 3/4-16 ORB, Carburetor Adapter Short, Black Only	N/A	491946BL	N/A	N/A
-8 X 3/4-16 ORB, Carburetor Adapter Long, Male, Black Only	N/A	491947BL	N/A	N/A

7/8-20 Inlet Plug, Blank	491980	491980BL	N/A	N/A
9/16-24 Demon Inlet Plug	491981	491981BL	N/A	N/A

-6 X Ford EFI, .550" Shank	491985	491985BL	N/A	N/A
-6 X Ford EFI Return, .435" Shank	491986	491986BL	N/A	N/A
-8 X Ford EFI, .550" Shank	491987	491987BL	N/A	N/A

-6 X 12mm X 1.5 Male, Weber	491953	491953BL	N/A	N/A
-6 X 12mm X 1.25 Male, Solex	491954	491954BL	N/A	N/A

-8 x 7/8-20 Male, Holley, 2"	491957	491957BL	491957CL	491957CH
-10 X 7/8-20 Male, Holley, 2"	491958	491958BL	491958CL	N/A

-6 X 10mm X 1.0 Male, Weber	491961	491961BL	491961CL	N/A

-6 X 14mm X 1.5 Female, "O" Ring Seal	491970	491970BL	N/A	N/A
-6 X 16mm X 1.5 Female, "O" Ring Seal	491971	491971BL	N/A	N/A

CARBURETOR, POWER STEERING & FUEL INJECTION ADAPTERS

Description	Part Number	Black	Clear	Chrome
-8 X 14mm X 1.5 Female, "O" Ring Seal	491982	491982BL	N/A	N/A
-8 X 16mm X 1.5 Female, "O" Ring Seal	491983	491983BL	N/A	N/A

-6 X 3/8" Female, EFI Adapter	N/A	491989BL	N/A	N/A
-6 X 5/16" Female, EFI Adapter	N/A	491990BL	N/A	N/A
-8 X 3/8" Female, EFI Adapter	N/A	491992BL	N/A	N/A

-6 X 5/16" Male, EFI Adapter	N/A	491993BL	N/A	N/A
-6 X 3/8" Male, EFI Adapter	N/A	491994BL	N/A	N/A
-8 X 3/8" Male,EFI Adapter	N/A	491996BL	N/A	N/A
-8 x Ford EFI Fuel Tank Outlet, .570" ID	491991	491991BL	N/A	N/A

-6 X 1/2-20 Female I.F.	N/A	491940BL	N/A	N/A
-6 X 5/8-18 Female I.F.	N/A	491942BL	N/A	N/A

-6 Female X 3/8" Male EFI Adapter	N/A	491995BL	N/A	N/A

-6 90 Degree X3/8" Female EFI Adapter	N/A	491998BL	N/A	N/A

Crush washers and O-rings can be found on page 64.

Luis Corujo
Paradise Racing

APPLICATION SPECIFIC AN ADAPTERS

AN 90° SWIVEL TO MALE PIPE - 991

AN Size	Pipe Thread	Black Number
-3	1/8 NPT	499103BL
-4	1/8 NPT	499104BL
-4	1/4 NPT	499144BL
-6	1/4 NPT	499106BL
-6	1/8 NPT	499162BL
-6	3/8 NPT	499166BL
-6	1/2 NPT	499168BL
-8	1/4 NPT	499107BL
-8	3/8 NPT	499108BL
-8	1/2 NPT	499188BL
-10	1/2 NPT	499110BL
-10	3/8 NPT	499111BL
-12	3/4 NPT	499112BL
-12	1/2 NPT	499113BL

FEMALE AN SWIVEL TO PIPE - 993

AN Size	Pipe Thread	Blue Number	Black Number
-3	1/8 NPT	499303	499303BL
-4	1/8 NPT	499304	499304BL
-4	1/4 NPT	499344	499344BL
-6	1/4 NPT	499306	499306BL
-6	1/8 NPT	499362	499362BL
-6	3/8 NPT	499366	499366BL
-8	1/4 NPT	499307	499307BL
-8	3/8 NPT	499308	499308BL
-10	1/2 NPT	499310	499310BL
-10	3/8 NPT	499311	499311BL
-12	3/4 NPT	499312	499312BL
-12	1/2 NPT	499313	499313BL

FEMALE SWIVEL 90° TO PIPE - 994

AN Size	Pipe Thread	Black Number
-3	1/8 NPT	499403BL
-4	1/8 NPT	499404BL
-4	1/4 NPT	499444BL
-6	1/4 NPT	499406BL
-6	1/8 NPT	499462BL
-6	3/8 NPT	499466BL
-8	1/4 NPT	499407BL
-8	3/8 NPT	499408BL
-10	1/2 NPT	499410BL
-10	3/8 NPT	499411BL
-12	3/4 NPT	499412BL
-12	1/2 NPT	499413BL

AN 90° SWIVEL TO METRIC - 992

AN Size	Thread	Black Number
-6	14mm X 1.5	499214BL
-6	16mm X 1.5	499216BL
-6	18mm X 1.5	499218BL
-8	14mm X 1.5	499234BL
-8	16mm X 1.5	499236BL
-8	18mm X 1.5	499238BL
-10	14mm X 1.5	499244BL
-10	16mm X 1.5	499246BL
-10	18mm X 1.5	499248BL

AN 90° SWIVEL TO AN STRAIGHT THREAD - 992

AN Size	Thread	Black Number
-6	9/16-18 (6)	499206BL
-6	7/16-20 (4)	499264BL
-6	3/4-16 (8)	499268BL
-8	7/8-14 (10)	499281BL
-8	9/16-18 (6)	499207BL
-8	3/4-16 (8)	499208BL
-10	3/4-16 (8)	499209BL
-10	7/8-14 (10)	499210BL
-10	1 1/16-12 (12)	499211BL
-12	1 1/16-12 (12)	499212BL
-12	7/8-14 (10)	499213BL

FEMALE SWIVEL 90° TO AN STRAIGHT THREAD - 990

AN Size	Thread	Black Number
-6	9/16-18 (6)	499006BL
-6	7/16-20 (4)	499064BL
-6	3/4-16 (8)	499068BL
-8	9/16-18 (6)	499007BL
-8	3/4-16 (8)	499008BL
-8	7/8-14 (10)	499081BL
-10	3/4-16 (8)	499009BL
-10	7/8-14 (10)	499010BL
-10	1 1/16-12 (12)	499011BL
-12	1 1/16-12 (12)	499012BL
-12	7/8-14 (10)	499013BL

F.I. INLET RETURN FITTING - 950

This adapter acts as a high flow inlet to your fuel pump, as well as a spot to return fuel without plumbing another line back to the fuel tank. Available with -10 or -12 inlet, two 9/16-18 (AN -6) return ports, and 3/4-16 mounting threads with a bulkhead nut and "O" ring.

	Black Number
-10 Inlet Return Adapter-Black	495010BL
-12 Inlet Return Adapter-Black	495012BL

OIL TEMPERATURE ADAPTERS - 930

Description	Black Number
1/2 MPT	493024BL
3/4 MPT	493025BL

*Adapters made to accept a 5/8-18 temp probe

FEMALE TO MALE 45° ELBOW 915

Description	Black Number
1/8 Pipe	491501BL
1/4 Pipe	491502BL
3/8 Pipe	491503BL
1/2 Pipe	491504BL

LS, TEMPATURE ADAPTER

Description	Part Number
16 X 1.5MM X 1/8" FPT	493020BL
12 X 1.5MM X 1/8" FPT	493022BL

OIL TEMPERATURE ADAPTERS - 950

Allows easy installation of any mechanical gauge temperature probe in-line using a AN Tee, (not included). AN Tee's are available on page 28.

Description	Black Number
-8	495028BL
-10	495030BL
-12	495032BL
-16	495036BL

FEMALE PIPE ELBOW - 916

Description	Black Number
1/8 Pipe	491601BL
1/4 Pipe	491602BL
3/8 Pipe	491603BL
1/2 Pipe	491604BL

FEMALE TO MALE 90° ELBOW - 914

Description	Black Number
1/8 Pipe	491401BL
1/4 Pipe	491402BL
3/8 Pipe	491403BL
1/2 Pipe	491404BL

FEMALE PIPE TEE - 917

Description	Black Number
1/8 FPT	491701BL
1/4 FPT	491702BL
3/8 FPT	491703BL
1/2 FPT	491704BL

ALUMINUM & STEEL AN ADAPTERS

ALUMINUM WELD BUNGS

1/16 FPT X 1/2" Dia.	
Nitrous Specific	496699
1/16 FPT X 5/8" Dia.	
Nitrous Specific	496700

1/8 FPT	496701
1/4 FPT	496702
3/8 FPT	496703
1/2 FPT	496704
3/4 FPT	496706
1 FPT	496707

-4 Male	497104
-6 Male	497106
-8 Male	497108
-10 Male	497110
-12 Male	497112
-16 Male	497116
-20 Male	497120

-4 Female	487104
-6 Female	487106
-8 Female	487108
-10 Female	487110
-12 Female	487112
-16 Female	487116

STEEL WELD BUNGS

1/8 FPT	596701
1/4 FPT	596702
3/8 FPT	596703
1/2 FPT	596704
3/4 FPT	596706

-4 Male	597104
-6 Male	597106
-8 Male	597108
-10 Male	597110
-12 Male	597112
-16 Male	597116

WELD BUNGS WITH .750 DIAMETER STEP

1/16 FPT	499500
1/8 FPT	499502
1/4 FPT	499504
3/8 FPT	499506
-3 Female (3/8-24)	499508
-4 Female (7/16-20)	499510
-6 Female (9/16-18)	499512
-3 Male (3/8-24)	499550
-4 Male (7/16-20)	499552
-6 Male (9/16-18)	499554

WELD BUNGS WITH 1.0 DIAMETER STEP

1/2 FPT	499514
-6 Female (9/16-18)	499516
-8 Female (3/4-16)	499518
-10 Female (7/8-14)	499520
-6 Male (9/16-18)	499556
-8 Male (3/4-16)	499558
-10 Male (7/8-14)	499560
-12 Male (1 1/16-12)	499562

WELD BUNGS WITH 1.5 DIAMETER STEP

3/4 FPT	499515
-12 Female (1 1/16-12)	499524
-16 Female (1 5/16-12)	499526
-12 Male (1 1/16-12)	499564
-16 Male (1 5/16-12)	499566
-20 Male (1 5/8-12)	499568

SINGLE HOSE BARB TO AN ADAPTER

-6 X 5/16" Hose	484205BL

HOSE BARB TO PIPE ADAPTER - 840

Description	Blue	Black
1/4" Hose X 1/8" NPT	484004	484004BL
3/8" Hose X 1/4" NPT	484006	484006BL
1/2" Hose X 3/8" NPT	484008	484008BL
5/8" Hose X 1/2" NPT	484010	484010BL
3/4" Hose X 3/4" NPT	484012	484012BL

HOSE BARB TO AN ADAPTER - 841

Description	Blue	Black
-4 Male X 1/4" Hose	484104	484104BL
-6 Male X 3/8" Hose	484106	484106BL
-8 Male X 1/2" Hose	484108	484108BL
-10 Male X 5/8" Hose	484110	484110BL
-12 Male X 3/4" Hose	484112	484112BL

LOW PROFILE BARB TO PIPE ADAPTER

Description	Black
1/8" NPT X 1/4" Hose, Straight	484000BL
1/8" NPT X 1/4" Hose, 45 Degree	484001BL
1/8" NPT X 1/4" Hose, 90 Degree	484002BL

E-Z CLAMP HOSE ENDS & NITROUS OXIDE SPECIFIC PRODUCTS

Some plumbing jobs require you to install our 3000 Series Stainless Steel Hose or Black Nylon Race Hose over an existing barb, instead of using an AN adapter. The best way to finish the job is with the Fragola Performance Systems E-Z Clamp Hose End. Designed to slip over the end of the braided hose, it has a self-contained hose clamp to secure the hose to the barb.

E-Z Clamp Hoes Ends

Description	Red	Black	Clear	Chrome	Blue
-3 (.437" ID)	280003	280203	280403	280103	280303
-4 (.505" ID)	280004	280204	280404	280104	280304
-6 (.625 ID)	280006	280206	280406	280106	280306
-8 (.680" ID)	280008	280208	280408	280108	280308
-10 (.827" ID)	280010	280210	280410	280110	280310
-12 (.990" ID)	280012	280212	280412	280112	280312
-16 (1.200" ID)	280016	280216	280416	280116	280316
-20 (1.480" ID)	280020	280220	280420	280120	280320

ALUMINUM TUBE NUT - 818
-3 Tube Nut 481803

RED ALUMINUM TUBE NUT - 818
-3 Tube Nut 481823

ALUMINUM TUBE SLEEVE - 819
-3 Tube Sleeve 481903

RED ALUMINUM TUBE SLEEVE - 819
-3 Tube Sleeve 481923

STRAIGHT ADAPTERS 816

-3 X 1/16 NPT	481601	
-4 X 1/16 NPT	481602	
-4 X 1/4 NPT	481695	Adapter with Screen-Blue
-6 X 1/8 NPT	481692	Adapter with Screen-Red
-6 X 1/4 NPT	481696	Adapter with Screen-Blue (NPT Side)
-6 X 1/4 NPT	481697	Adapter with Screen-Blue (AN Side)
-6 X 1/4 NPT	482296	90° Adapter with Screen-Blue (AN Side)

STAINLESS HARD LINE WITH FITTING
304 Annealed Stainless, with one end flared

12" 3/16" X .020 Wall	891001
24" 3/16" X .020 Wall	891002
36" 3/16" X .020 Wall	891003
3/16" X 1/8 MPT	891010

(Used to adapt hard line to distribution block)

NITROUS OXIDE AND FUEL SYSTEM PRODUCTS

GAUGE ADAPTERS - 950

Description	Blue Number	Black Number
4 Male X 4 Female, 1/8 FPT on the side	495000	495000BL
6 Male X 6 Female, 1/8 FPT on the side	495005	495005BL
8 Male X 8 Female, 1/8 FPT on the side	495006	495006BL
10 Male X 10 Female, 1/8 FPT on the side	495008	495008BL
12 Male X 12 Female, 1/8 FPT on the side	N/A	495014BL
6 Male X -6 Male, 1/8 FPT on the side	495001	495001BL
8 Male X -8 Male, 1/8 FPT on the side	495003	495003BL
6 Male X 1/4 NPT, 1/8 FPT on the side	495009	495009BL
6 Male X 3/8 NPT, 1/8 FPT on the side	495002	495002BL
8 Male X 3/8 NPT, 1/8 FPT on the side	495004	495004BL
6 Female X 6 Female, 1/8 FPT on the side	N/A	495015BL
3 X 1/8 FPT, Straight Adapter	495020	495020BL
4 X 1/8 FPT, Straight Adapter	495021	495021BL
3 X 1/8 FPT, 90° Adapter	495022	495022BL
4 X 1/8 FPT, 90° Adapter	495023	495023BL
10 X 3/8 NPT	N/A	494001BL
10 X 1/2 NPT	N/A	494002BL
8 X 8 O-ring	N/A	494108BL
10 X 10 O-ring	N/A	494110BL
12 X12 O-ring	N/A	494111BL
10 X 8 O-ring	N/A	494112BL
6 Male Stepped Tee, -4 On-The-Run	N/A	482426BL
8 Male Stepped Tee, -4 On-The-Run	N/A	482428BL
6 Male 90° X -6 Male, 1/8 FPT on the side	997306	997306BL
8 Male 90° X -8 Male, 1/8 FPT on the side	997308	997308BL
6 Male Tee, 1/8 FPT on the side	997406	997406BL
8 Male Tee, 1/8 FPT on the side	997408	997408BL

MALE CROSS FITTING ADAPTER (X)

Description		Part Number
-6 A-N	9/16-18	900656BL

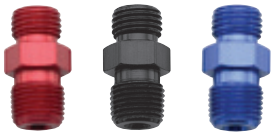
180 DEGREE ORB MALE ADAPTER

Description	Black
-8AN	485008BL
-10AN	485010BL
-12AN	485012BL

FUEL PRESSURE GAUGES

Monitor your fuel system performance with these gauges. Available in both "dry" style and liquid filled to dampen the movement.

0-15 PSI., Dry	900001
0-15 PSI., Liquid Filled	900002
0-30 PSI., Dry	900003
0-30 PSI., Liquid Filled	900004
0-60 PSI., Dry	900017
0-60 PSI., Liquid Filled	900018
0-100 PSI., Dry	900019
0-100 PSI., Liquid Filled	900020



NITROUS FLARE JET X MPT

Description	Blue	Red	Black
3/8-24 X 1/8	481703	481703RD	481703BL

FUEL FILTERS

Description	Assembly	Element Only
6 In/out Street/Strip, 40 Micron	960001BL	960001E
10 In/out, large, 10 Micron	960002BL	960002E
10 In/out, large, 40 Micron	960003BL	960003E
10 In/out, large, 100 Micron	960004BL	960004E

NITROUS SHOWER HEAD

Description	Part Number
3/8 FPT Inlet x 1/4FPT Outlet (4)	900620BL

FUEL PRESSURE REGULATOR LOG

Description		Part Number
-10 AN Female	Three Port	940003BL

HARDLINE ADAPTERS & ALUMINUM TUBING

DIY TURBO OIL RESTRICTOR FITTING

Description	Black
-3 X 1/8"	485203BL
-4 X 1/8"	485204BL
-4 X 7/16"-24	485205BL

BANJO ADAPTER

(Includes crush washers)

AN Size	Metric	Black	AN Size	Metric	Black
-3	8 X 1.0	980361BL	-6	10 X 1.0	980655BL
-3	8 X 1.25	980362BL	-6	10 X 1.5	980653BL
-3	10 X 1.0	980355BL	-6	12 X 1.0	980663BL
-3	10 X 1.5	980353BL	-6	12 X 1.5	980658BL
-3	12 X 1.0	980363BL	-6	14 X 1.5	980659BL
-3	12 X 1.5	980358BL	-6	16 X 1.5	980664BL
-4	8 X 1.0	980461BL	-8	10 X 1.0	980855BL
-4	8 X 1.25	980462BL	-8	10 X 1.5	980853BL
-4	10 X 1.0	980455BL	-8	12 X 1.0	980863BL
-4	10 X 1.5	980453BL	-8	12 X 1.5	980858BL
-4	12 X 1.0	980463BL	-8	14 X 1.5	980859BL
-4	12 X 1.5	980458BL	-8	16 X 1.5	980865BL

HARDLINE AN ADAPTERS

Use these fittings to connect the bare end of a hard tube to an AN style fitting. Pressure tested to 150 psi.

Description Male	Black
6 Male x 1/4"	892004BL
6 Male x 5/16"	892005BL
6 Male x 3/8"	892006BL
8 Male x 3/8"	892007BL
8 Male x 1/2"	892008BL
10 Male x 5/8"	892010BL

Description Female	Black
6 Female x 1/4"	893004BL
6 Female x 5/16"	893005BL
6 Female x 3/8"	893006BL
8 Female x 1/2"	893008BL
10 Female x 5/8"	893010BL

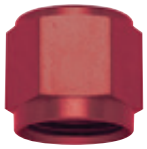
Replacement Hardline Olives

Tube	Part Number	Tube	Part Number
1/4"	999304H	1/2"	999308H
5/16"	999305H	5/8"	999310H
3/8"	999306H		

BILLET FLARE TO FLARE Y-FITTINGS

Description	Blue	Red	Black
4AN Male All	900604	900604RD	900604BL
6AN Male All	900606	900606RD	900606BL
6AN Male Inlet X 4AN Male Outlets	900607	900607RD	900607BL
8AN Male All	900608	900608RD	900608BL
8AN Male Inlet X 6AN Male Outlets	900609	900609RD	900609BL
10AN Male All	900610	900610RD	900610BL
10AN Male Inlet X 8AN Male Outlets	900611	900611RD	900611BL
12AN Male Inlet X 10AN Outlets	900613	900613RD	900613BL
12AN Male All	900612	900612RD	900612BL
16AN Inlet X 12AN Outlets	900617	900617RD	900617BL

ALUMINUM TUBE NUT - 818



Description	Blue	Red	Black
-3 Tube Nut	481803	481823	481803BL
-4 Tube Nut	481804	481824	481804BL
-6 Tube Nut	481806	481826	481806BL
-8 Tube Nut	481808	N/A	481808BL
-10 Tube Nut	481810	N/A	481810BL
-12 Tube Nut	481812	N/A	481812BL
-16 Tube Nut	481816	N/A	481816BL

ALUMINUM TUBE SLEEVE - 819

Description	Blue	Red	Black
-3 Tube Sleeve	481903	481923	481903BL
-4 Tube Sleeve	481904	481924	481904BL
-6 Tube Sleeve	481906	481926	481906BL
-8 Tube Sleeve	481908	N/A	481908BL
-10 Tube Sleeve	481910	N/A	481910BL
-12 Tube Sleeve	481912	N/A	481912BL
-16 Tube Sleeve	481916	N/A	481916BL

BULK ALUMINUM TUBING

Lightweight aluminum tubing for nitrous lines, fuel lines and water lines.
Simply flare with our 37 degree flaring tool (page 63)
All tubing is easy to work 3003 aluminum, with a .035" wall.

Tube Diameter	Part Number
3/16" (-3), 25' Roll	890003
1/4" (-4), 25' Roll	890004
3/8" (-6), 25' Roll	890006
1/2" (-8), 25' Roll	890008
5/8" (-10), 25' Roll	890010

FIRE NOZZLES

Description	Black Number
Fire Nozzle, 4AN x 3 Port	486003BL
Fire Nozzle, 4AN X 6 Port	486006BL

STEEL AN ADAPTERS

RADIUS FITTING

-6 X 9/16-18 (6)	595100

UNION - 815

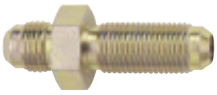
-3	581503
-4	581504
-6	581506
-8	581508
-10	581510

STRAIGHT ADAPTERS 816

-3 X 1/8 NPT	581603
-4 X 1/8 NPT	581604
-4 X 1/4 NPT	581605
-6 X 1/8 NPT	581662
-6 X 1/4 NPT	581606
-6 X 3/8 NPT	581666
-6 X 1/2 NPT	581668
-8 X 1/4 NPT	581607
-8 X 3/8 NPT	581608
-8 X 1/2 NPT	581688
-10 X 3/4 NPT	581609
-10 X 1/2 NPT	581610
-10 X 3/8 NPT	581611
-12 X 3/4 NPT	581612
-12 X 1/2 NPT	581613
-16 X 3/4 NPT	581615
-16 X 1 NPT	581616

45° ADAPTERS - 823

-3 X 1/8 NPT	582303
-4 X 1/8 NPT	582304
-6 X 1/4 NPT	582306
-8 X 3/8 NPT	582308
-10 X 1/2 NPT	582310
-12 X 3/4 NPT	582312
-16 X 1 NPT	582316



STRAIGHT BULKHEAD 832

-3	583203
-4	583204
-6	583206

BULKHEAD TEE-ON-THE-SIDE 834

-3	583403
-4	583404
-6	583406

TUBE SLEEVE - 819

-3	581903
-4	581904
-6	581906

TUBE NUT - 818

-3	581803
-4	581804
-6	581806

TEE - 824

-3	582403
-4	582404
-6	582406

OIL PRESSURE ADAPTER

-4 X 1/8 NPT	581690

BULKHEAD TEE ON-THE-RUN 804

-3	580403
-4	580404
-6	580406

45° BULKHEAD - 837

-3	583703
-4	583704
-6	583706

TEE PIPE-ON-THE-SIDE 825

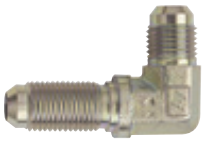
-3 Tee, 1/8 NPT	582503
-4 Tee, 1/8 NPT	582504
-6 Tee, 1/4 NPT	582506

TEE PIPE-ON-THE-RUN 826

-3 Tee, 1/8 NPT	582603
-4 Tee, 1/8 NPT	582604
-6 Tee, 1/4 NPT	582606

90° ADAPTERS - 822

-3 X 1/8 NPT	582203
-4 X 1/8 NPT	582204
-6 X 1/4 NPT	582206
-8 X 3/8 NPT	582208
-10 X 1/2 NPT	582210
-12 X 3/4 NPT	582212
-16 X 1 NPT	582216



90° BULKHEAD - 833

-3	583303
-4	583304
-6	583306

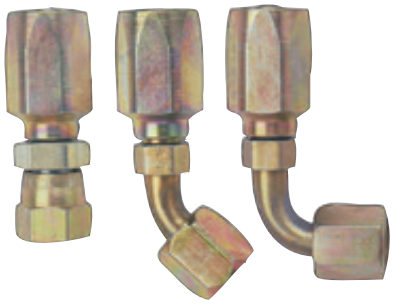
BULKHEAD NUT - 924

-3	592403
-4	592404
-6	592406

*COLORS SUBJECT TO CHANGE

POWER STEERING HOSE & HOSE ENDS

Power steering systems pose their own unique set of problems, and the best way to manage the power steering system is with the FPS Power Steering Hose and Fittings. The heart of this system is a specially designed three-braid hose that will withstand the pressure spikes caused by engine RPM and the resistance on the wheels. The special zinc plated steel fittings are easily assembled and are reusable.



POWER STEERING HOSE ENDS

Description	Steel	Aluminum (Black Anodized)
-6 Straight	250106	250107
-8 Straight	250108	
-10 Straight	250110	
-6 X 45°	254506	254606
-8 X 45°	254508	
-10 X 45°	254510	
-6 X 90°	259006	259106
-8 X 90°	259008	
-10 X 90°	259010	

POWER STEERING HOSE

Plumbing an automotive power steering system poses a unique set of problems. Pressure spikes caused by engine RPM, and by loading of the wheels, requires a special hose to prevent failures. Fragola Performance Systems offers this hose from the premier hose manufacturer in the USA. With working pressures rated at over 2000 psi., this hose is up to the task in any power steering application.

AN	Bulk Part Number	10 foot	20 Foot
-6	850006	851006	852006
-8	850008	851008	852008
-10	850010	851010	852010

TECHNICAL SPECIFICATIONS

AN	I.D.	O.D.	Working Pressure	Burst Pressure	Min.Bend Radius
-6	.375″	.680″	2250 psi.	9000 psi.	3 1/2″
-8	.406″	.770″	2000 psi.	8000 psi.	3 1/2″
-10	.500″	.920″	1750 psi.	7000 psi.	4″

REAL STREET HOSE ENDS

Use with 6000 Series P.T.F.E. Hose Page 47

Fragola's Real Street reusable hose ends for P.T.F.E. hose offer a bright dip anodized black finish and eliminate the permeation issues common with aftermarket racing hose. A unique "double-swivel" design allows for clocking adjustment during installation.

STRAIGHT HOSE ENDS

AN Size	Part Number
-4	680104BL
-6	680106BL
-8	680108BL
-10	680110BL
-12	680112BL

90° HOSE ENDS

AN Size	Part Number
-4	689904BL (Forging)
-6	689006BL
-8	689008BL
-10	689010BL
-12	689012BL

30° HOSE ENDS

AN Size	Part Number
-6	683006BL
-8	683008BL
-10	683010BL
-12	683012BL

120° HOSE ENDS

AN Size	Part Number
-6	681206BL
-8	681208BL
-10	681210BL
-12	681212BL

45° HOSE ENDS

AN Size	Part Number
-4	680454BL (Forging)
-6	684506BL
-8	684508BL
-10	684510BL
-12	684512BL

150° HOSE ENDS

AN Size	Part Number
-6	681506BL
-8	681508BL
-10	681510BL
-12	681512BL

60° HOSE ENDS

AN Size	Part Number
-6	686006BL
-8	686008BL
-10	686010BL
-12	686012BL

180° HOSE ENDS

AN Size	Part Number
-6	681806BL
-8	681808BL
-10	681810BL
-12	681812BL

REPLACEMENT OLIVE

AN Size	Part Number
-4	999304
-6	999306
-8	999308
-10	999310
-12	999312

REAL STREET EFI FEMALE QUICK DISCONNECT HOSE ENDS

Use with 6000 Series P.T.F.E. Hose Page 47

Fragola's new Quick Disconnect EFI Hose Ends connect directly to SAE J2044 QD hardlines. The design utilizes a special stainless retaining spring that ensures a trouble free installation.

30° HOSE END

AN Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	683006B6QD

45° HOSE END

AN Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	684506B6QD

60° HOSE END

AN Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	686006B6QD

90° HOSE END

AN Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	689006B6QD

180° HOSE END

AN Size	Description	Part Number
-6	3/8" EFI Quick Disconnect	681806B6QD

DIRECT FIT REAL STREET HOSE ENDS

In addition to eliminating fuel permeation issues, our Real Street Direct Fit Hose Ends help shave valuable inches in tight applications. Available in Banjo, ORB and NPT configurations.

Use with 6000 Series P.T.F.E. Hose Page 47

DIRECT FIT ORB REAL STREET HOSE ENDS

STRAIGHT BANJO - 800

AN Size	Description	Part Number
-6	6AN Male ORB, (9/16-18)	680006BL
-8	8AN Male ORB, (3/4-16)	680008BL
-10	10AN Male ORB, (7/8-14)	680010BL

90° REAL STREET HOSE ENDS

AN Size	Description	Part Number
-6	9/16-18 (6) Male ORB	689706BL
-6	3/4-16 (8) Male ORB	689768BL
-8	9/16-18 (6) Male ORB	689707BL
-8	3/4-16 (8) Male ORB	689708BL
-8	7/8-14 (10) Male ORB	689781BL
-10	3/4-16 (8) Male ORB	689709BL
-10	7/8-14 (10) Male ORB	689710BL
-10	1-1/16 -12 (12) Male ORB	689711BL

DIRECT FIT REAL STREET NPT HOSE ENDS

90° REAL STREET NPT HOSE ENDS

AN Size	Description	Part Number
-6	1/8 NPT	689962BL
-6	1/4 NPT	689906BL
-6	3/8 NPT	689966BL
-6	1/2 NPT	689968BL
-8	1/4 NPT	689907BL
-8	3/8 NPT	689908BL
-8	1/2 NPT	689988BL
-10	3/8 NPT	689911BL
-10	1/2 NPT	689910BL
-10	3/4 NPT	689909BL

SERIES 6000 P.T.F.E. HOSE

The properties of our Conducive P.T.F.E. Hose make it a natural for all highly corrosive applications like brake fluid. When used to plumb fuel systems, it helps eliminate odors and premature hose failures. P.T.F.E also works well in hot oil and power steering applications. The hose will take high pressure and cycle over and over again without failure. It will handle the pressures of Nitrous Oxide with ease.

6000 SERIES P.T.F.E.-LINED HOSES

AN Size	Cover	Bulk Part Number	3 Foot Roll	6 Foot Roll	10 Foot Roll	15 Foot Roll	20 Foot Roll
-2	STAINLESS	600002	603002	606002	601002	601502	602002
-3	STAINLESS	600003	603003	606003	601003	601503	602003
-3	CLEAR	600013	603013	606013	601013	601513	602013
-3	BLACK	600023	603023	606023	601023	601523	602023
-4	STAINLESS	600004	603004	606004	601004	601504	602004
-4	CLEAR	600014	603014	606014	601014	601514	602014
-4	BLACK	600024	603024	606024	601024	601524	602024
-6	STAINLESS	600006	603006	606006	601006	601506	602006
-6	BLACK	600026	603026	606026	601026	601526	602026
-8	STAINLESS	600008	603008	606008	601008	601508	602008
-8	BLACK	600028	603028	606028	601028	601528	602028
-10	STAINLESS	600010	603010	606010	601010	601510	602010
-10	BLACK	600029	603029	606029	601029	601529	602029
-12	STAINLESS	600012	603012	606012	601012	601512	602012
-12	BLACK	600030	603030	606030	601030	601530	602030

TECHNICAL SPECIFICATIONS

Part Number	AN Size	Nominal I.D.	Working Pressure	Burst Pressure	Min.Bend Radius
600003	-3	.125"	3,000 psi.	12,000 psi.	2"
600004	-4	.187"	3,000 psi.	12,000 psi.	2"
600006	-6	.312"	2,500 psi.	10,000 psi.	3"
600008	-8	.405"	2,000 psi.	8,000 psi.	5.25"
600010	-10	.500"	1,500 psi.	6,000 psi.	6.5"
600012	-12	.625"	1,200 psi.	4,800 psi.	7.5"

REUSABLE P.T.F.E. HOSE ENDS

Use with 6000 Series P.T.F.E. Hose Page 47

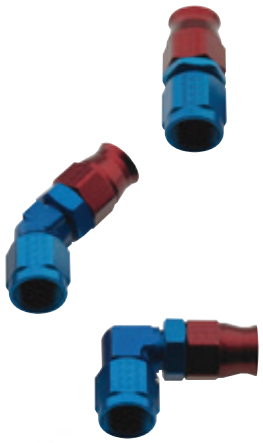
P.T.F.E.-lined stainless braided hose may be used for brake lines, gauge lines, power steering. These reusable hose ends feature a miniature "olive" that retains the hose inside of the fitting. By replacing this "olive" the hose end may be reused over and over.

STEEL HOSE ENDS

Description	Part Number
-3 Straight	600103
-4 Straight	600104
-6 Straight	600106
-8 Straight	600108
-3 Straight With -4 Nut	600113
-4 Straight With -3 Nut	600114
-3 X 45°, Forged-Double Swivel	604503
-4 X 45°, Forged-Double Swivel	604504
-6 X 45°, Forged-Double Swivel	604506
-8 X 45°, Forged-Double Swivel	604508
-3 X 90°, Forged-Double Swivel	609003
-4 X 90°, Forged-Double Swivel	609004
-6 X 90°, Forged-Double Swivel	609006
-8 X 90°, Forged-Double Swivel	609008
-3 X 10mm Banjo-Straight	610003
-3 X 10mm Banjo-20° Up	620003
-3 X 10mm Banjo-20° Side	620004
-3 X 10mm Banjo-45° Up	630003
-3 X 10mm Banjo-90° Up	640003

SINGLE SWIVEL HOSE ENDS FOR P.T.F.E. HOSE

Description	Part Number
-3 X 45° Forged	604603
-3 X 45° Bent Tube	604613
-4 X 45° Forged	604604
-3 X 90° Forged	609103
-3 X 90° Bent Tube	609113
-4 X 90° Forged	609104



ALUMINUM HOSE ENDS FOR P.T.F.E. HOSE

Description	Part Number
-3 Straight	690103
-4 Straight	690104
-6 Straight	690106
-8 Straight	690108
-3 X 45°, Double Swivel	690453
-4 X 45°, Double Swivel	690454
-6 X 45°, Double Swivel	690456
-8 X 45° , Double Swivel	690458
-3 X 90°, Double Swivel	690903
-4 X 90°, Double Swivel	690904
-6 X 90°, Double Swivel	690906
-8 X 90°, Double Swivel	690908

REPLACEMENT PARTS

Description	Part Number
-3 Replacement "Olive"	999303
-4 Replacement "Olive"	999304
-6 Replacement "Olive"	999306
-8 Replacement "Olive"	999308
-10 Replacement "Olive"	999310
-12 Replacement "Olive"	999312
-3 Steel Socket Only	999023
-4 Steel Socket Only	999024
-6 Steel Socket Only	999026
-8 Steel Socket Only	999028

STEEL BRAKE ADAPTERS

STEEL BRAKE ADAPTERS - 503/504

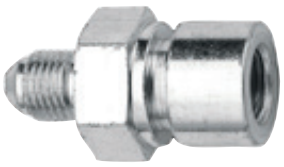
Brake Adapters facilitate connection of -3 and -4 P.T.F.E.-lined hose to most popular calipers and wheel cylinders.

-3 X 10mm X 1.25 I.F.	650301
-3 X 3.8-24 I.F.	650302
-3 x 7/16-20	650303
-3 X 7/16-24	650304
-3 X 1/2-20 I.F.	650305
-3 X 9/16-18 I.F.	650306
-3 X 10mm X 1.0 I.F.	650307
-3 X 10mm X 1.5	650308
-3 X 9/16-20 Chrysler M/C	650309
-3 X 10mm X 1.0 B.F.	650310
-3 X 10mm X 1.5 B.F.	650311
-4 X 10mm X 1.25 I.F.	650401
-4 X 3/8-24 I.F.	650402
-4 X 7/16-20	650403
-4 X 10mm X 1.5 I.F.	650404
-4 X 1/2-20	650405
-4 X 9/16-18	650406
-4 X 10mm X 1.0	650407
-4 X 7/16-24 I.F.	650408

Tubing Adapters connect the -3 and -4 P.T.F.E.-lined hose to the hard lines mounted on the vehicle.

STEEL TUBING ADAPTERS - 502

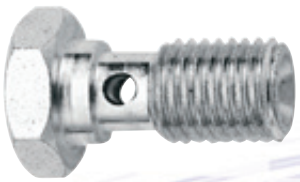
Tubing Adapters have the slot for the O.E.M. clip (not provided).



-3 X 3/8-24 I.F.	650201
-3 X 10mm X 1.0 I.F.	650202
-3 X 10mm X 1.25 I.F.	650203
-3 X 7/16-24 I.F.	650204
-3 X 10mm X 1.0 B.F.	650205
-3 X 1/8 FPT	650206
-4 X 1/8 FPT	650207
-4 X 3/8-24 I.F.	650221
-4 X 10mm X 1.0 I.F.	650222
-4 X 10mm X 1.25	650223
-4 X 7/16-24	650224
-4 X 10mm X 1.0 B.F.	650225

STEEL BANJO BOLT - 501

Renew your fluid Banjo Bolts with new ones from Fragola Performance Systems. Available in most popular thread combinations.



3/8-24	650150
7/16-20	650151
10mm X 1.25	650152
10mm X 1.5	650153
7/16-24	650154
10mm X 1.0	650155
1/20-20 Chrysler M/C	650156
9/16-20 Chrysler M/C	650157
12mm X 1.5	650158
14mm X 1.5	650159
9/16-18	650160
8mm X 1.0	650161
12mm X 1.0	650163
12mm X 1.25	650166

STEEL BRAKE ADAPTERS, -2 BRAKE LINES

STEEL BRAKE ADAPTER TO HOSE - 506

-3 Hose End X 3/8-24 Male	650601
-3 Hose End X 10 X 1.25 Male	650602
-3 Hose End X 7/16-20 Male	650603
-3 Hose End X 7/16-24 Male	650604
-3 Hose End X 1/2-20 Male	650605

STEEL BANJO ADAPTER - 501

Banjo Adapters allow installation of P.T.F.E. lines where space is at a premium. A 3/8" banjo adapter may be used for any 10mm application. Seals with two crush washers (not included).

-3 X 3/8	650103
-4 X 3/8	650104
-3 X 7/16	650113
-4 X 7/16	650114
-3 X 12mm	650115
-3 X 14mm	650116
1/8 FPT X 1/2 Chrysler M/C	650123
1/8 FPT X 9/16 Chrysler M/C	650124

THUR-FRAME BRAKE FITTING AND NUT

-3 X 1/8" Female NPT	583213

STEEL TUBING ADAPTER TO HOSE - 505

-3 Hose End X 3/8-24 I.F.	650501
-3 Hose End X 10 X 1.0 I.F.	650502
-3 Hose End X 10 X 1.25	650503
-3 Hose End X 7/16-24	650504
-3 Hose End X 10 X 1.0 B.F.	650505
-3 Hose End X -3 Male Bulkhead	650506

BOLT DOWN TEE

3/8-24 On The Side	599913

Requires (3) 650302's and seals with crush washers, (on the run seals with I.F). Crush Washers can be found on page 60.

INLINE TEE FOR BRAKE LIGHT SWITCH

-3 Tee 1/8 FPT On The Side	599903

Replacement crush washers can be found on page 64.

-2 BRAKE LINES WITH -3 NUTS, STRAIGHT X STRAIGHT

-2 Brake Lines increase brake pressure and give many drivers a better pedal "feel". Many teams have reported better lap times after making the switch to a -2 line as a result. Available with steel or aluminum, -3 Nuts.

Length	Steel Nuts	Blue Alum. Nuts	Black Alum. Nuts
10"	290010	290010BU	290010BL
12"	290012	290012BU	290012BL
14"	290014	290014BU	290014BL
16"	290016	290016BU	290016BL
18"	290018	290018BU	290018BL
20"	290020	290020BU	290020BL
22"	290022	290022BU	290022BL
24"	290024	290024BU	290024BL
26"	290026	290026BU	290026BL
30"	290030	290030BU	290030BL
36"	290036	290036BU	290036BL
40"	290040	290040BU	290040BL
48"	290048	290048BU	290048BL

P.T.F.E. HOSE ASSEMBLIES WITH NO COVERING

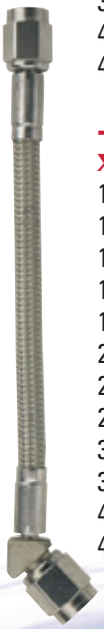
Fragola Performance Systems now offers –3 lines that meet D.O.T. specifications for flexible brake lines. To order just add "D.O.T" to the part number.

-3 STRAIGHT X -3 STRAIGHT

10"	310010
12"	310012
14"	310014
16"	310016
18"	310018
20"	310020
22"	310022
24"	310024
30"	310030
36"	310036
40"	310040
48"	310048

-3 STRAIGHT X -3 90°

10"	320010
12"	320012
14"	320014
16"	320016
18"	320018
20"	320020
22"	320022
24"	320024
30"	320030
36"	320036
40"	320040
48"	320048



-3 STRAIGHT X -3 45°

10"	340010
12"	340012
14"	340014
16"	340016
18"	340018
20"	340020
22"	340022
24"	340024
30"	340030
36"	340036
40"	340040
48"	340048

-3 STRAIGHT X BANJO

3/8 Banjo 10"	330010
3/8 Banjo 12"	330012
3/8 Banjo 14"	330014
3/8 Banjo 16"	330016
3/8 Banjo 18"	330018
3/8 Banjo 20"	330020
3/8 Banjo 22"	330022
3/8 Banjo 24"	330024
7/16 Banjo 10"	350010
7/16 Banjo 12"	350012
7/16 Banjo 14"	350014
7/16 Banjo 16"	350016
7/16 Banjo 18"	350018
7/16 Banjo 20"	350020
7/16 Banjo 22"	350022
7/16 Banjo 24"	350024

-3 1/8 NPT X 1/8 NPT

10"	300010
12"	300012
14"	300014
16"	300016
18"	300018
20"	300020

Fragola Performance System's swagged P.T.F.E. line assemblies are the perfect replacement for those worn out rubber brake lines. Assemblies are available in all popular configurations of -3 and -4 hose ends. Each line is pressure tested to its rated working pressure before shipping. Available for both D.O.T. and off-road use.

-4 STRAIGHT X -4 STRAIGHT

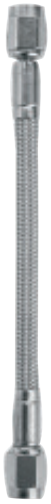
10"	360010
12"	360012
14"	360014
16"	360016
18"	360018
20"	360020
22"	360022
24"	360024
30"	360030
36"	360036
40"	360040
48"	360048

-4 1/8 NPT X 1/8 NPT

10"	306010
12"	306012
14"	306014
16"	306016
18"	306018
20"	306020

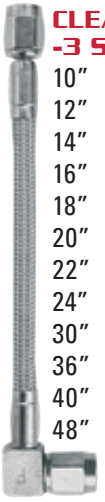
P.T.F.E. HOSE ASSEMBLIES WITH WITH CLEAR & BLACK COVERING

Fragola Performance Systems is now offering their popular -3 and -4 P.T.F.E. hose assemblies with clear and black covering. These assemblies were an instant success because of their resistance to scratching anything that they come in contact with. The black covering is popular with those who want to have the traditional look with the performance of P.T.F.E.



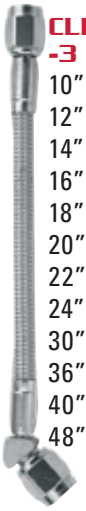
CLEAR COVERED -3 X -3 STRAIGHT

10″	311010
12″	311012
14″	311014
16″	311016
18″	311018
20″	311020
22″	311022
24″	311024
30″	311030
36″	311036
40″	311040
48″	311048



CLEAR COVERED -3 STRAIGHT X -3 90°

10″	321010
12″	321012
14″	321014
16″	321016
18″	321018
20″	321020
22″	321022
24″	321024
30″	321030
36″	321036
40″	321040
48″	321048



CLEAR COVERED -3 STRAIGHT X -3 45°

10″	341010
12″	341012
14″	341014
16″	341016
18″	341018
20″	341020
22″	341022
24″	341024
30″	341030
36″	341036
40″	341040
48″	341048

CLEAR COVERED -3 STRAIGHT X BANJO

3/8 Banjo 10″	331010
3/8 Banjo 12″	331012
3/8 Banjo 14″	331014
3/8 Banjo 16″	331016
3/8 Banjo 18″	331018
3/8 Banjo 20″	331020
3/8 Banjo 22″	331022
3/8 Banjo 24″	331024
7/16 Banjo 10″	351010
7/16 Banjo 12″	351012
7/16 Banjo 14″	351014
7/16 Banjo 16″	351016
7/16 Banjo 18″	351018
7/16 Banjo 20″	351020
7/16 Banjo 22″	351022
7/16 Banjo 24″	351024

BLACK COVERED -3 X -3 STRAIGHT

10″	312010
12″	312012
14″	312014
16″	312016
18″	312018
20″	312020
22″	312022
24″	312024
30″	312030
36″	312036
40″	312040
48″	312048

BLACK COVERED -3 STRAIGHT X -3 90°

10″	322010
12″	322012
14″	322014
16″	322016
18″	322018
20″	322020
22″	322022
24″	322024
30″	322030
36″	322036
40″	322040
48″	322048

BLACK COVERED -3 STRAIGHT X -3 45°

10″	342010
12″	342012
14″	342014
16″	342016
18″	342018
20″	342020
22″	342022
24″	342024
30″	342030
36″	342036
40″	342040
48″	342048

BLACK COVERED -3 STRAIGHT X BANJO

3/8 Banjo 10″	332010
3/8 Banjo 12″	332012
3/8 Banjo 14″	332014
3/8 Banjo 16″	332016
3/8 Banjo 18″	332018
3/8 Banjo 20″	332020
3/8 Banjo 22″	332022
3/8 Banjo 24″	332024
7/16 Banjo 10″	352010
7/16 Banjo 12″	352012
7/16 Banjo 14″	352014
7/16 Banjo 16″	352016
7/16 Banjo 18″	352018
7/16 Banjo 20″	352020
7/16 Banjo 22″	352022
7/16 Banjo 24″	352024

Other lengths available. For hose lengths not listed here, please see "How To Order" instructions on page 57 or ask your Fragola Performance Systems salesperson.

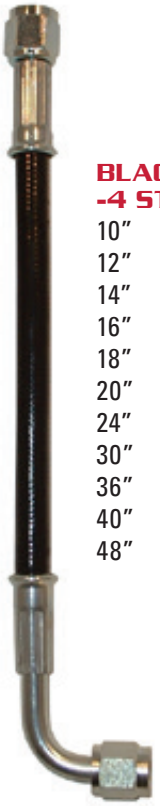
6000 SERIES P.T.F.E.-LINED STAINLESS HOSE

-4 STRAIGHT X -4 90°

10″	410-1-2-10
12″	410-1-2-12
14″	410-1-2-14
16″	410-1-2-16
18″	410-1-2-18
20″	410-1-2-20
24″	410-1-2-24
30″	410-1-2-30
36″	410-1-2-36
40″	410-1-2-40
48″	410-1-2-48

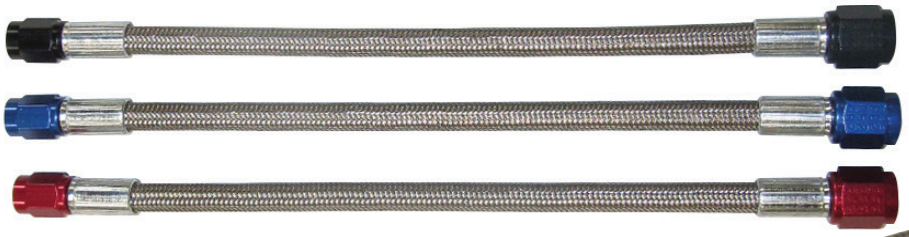
BLACK COVERED -4 STRAIGHT X -4 STRAIGHT

10″	412-1-1-10
12″	412-1-1-12
14″	412-1-1-14
16″	412-1-1-16
18″	412-1-1-18
20″	412-1-1-20
24″	412-1-1-24
30″	412-1-1-30
36″	412-1-1-36
40″	412-1-1-40
48″	412-1-1-48



BLACK COVERED -4 STRAIGHT X -4 90°

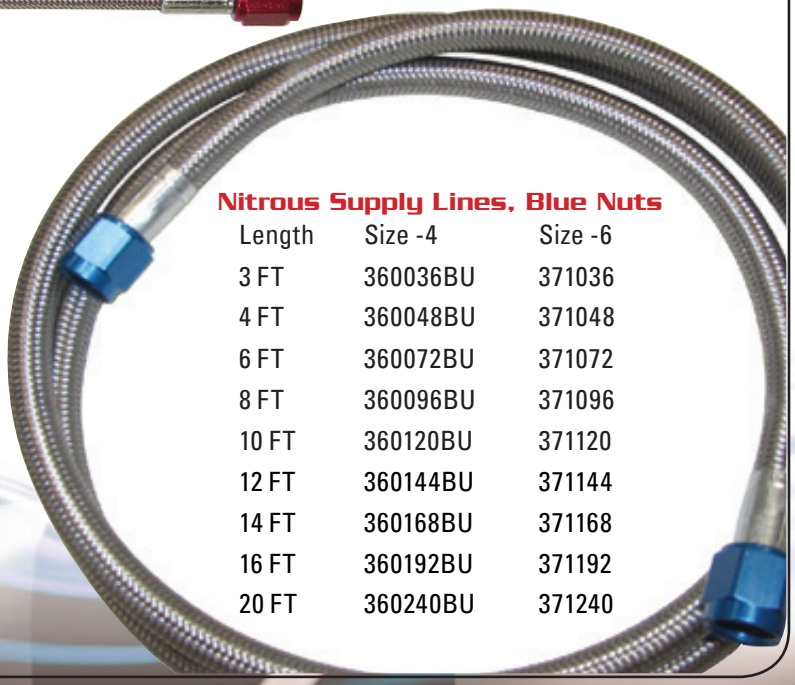
10″	412-1-2-10
12″	412-1-2-12
14″	412-1-2-14
16″	412-1-2-16
18″	412-1-2-18
20″	412-1-2-20
24″	412-1-2-24
30″	412-1-2-30
36″	412-1-2-36
40″	412-1-2-40
48″	412-1-2-48



-3 x -4 Nut Nitrous Lines

.154 Inside Diameter, (X275 LEGAL)

Length	Blue	Red	Black
8.5″	390008.5BU	390008.5RD	390008.5BL
10″	390010BU	390010RD	390010BL
12″	390012BU	390012RD	390012BL
14″	390014BU	390014RD	390014BL
18″	390018BU	390018RD	390018BL
24″	390024BU	390024RD	390024BL
36″	390036BU	390036RD	390036BL



Nitrous Supply Lines, Blue Nuts

Length	Size -4	Size -6
3 FT	360036BU	371036
4 FT	360048BU	371048
6 FT	360072BU	371072
8 FT	360096BU	371096
10 FT	360120BU	371120
12 FT	360144BU	371144
14 FT	360168BU	371168
16 FT	360192BU	371192
20 FT	360240BU	371240

P.T.F.E. HOSE ASSEMBLIES WITH "EXT"- EXTREME BLACK COVERING

EXT BLACK COVERED -3 X -3 STRAIGHT

10"	312010BL
12"	312012BL
14"	312014BL
16"	312016BL
18"	312018BL
20"	312020BL
22"	312022BL
24"	312024BL
30"	312030BL
36"	312036BL
40"	312040BL
48"	312048BL

EXT BLACK COVERED -3 STRAIGHT X -3 90°

10"	322010BL
12"	322012BL
14"	322014BL
16"	322016BL
18"	322018BL
20"	322020BL
22"	322022BL
24"	322024BL
30"	322030BL
36"	322036BL
40"	322040BL
48"	322048BL

EXT BLACK COVERED -4 STRAIGHT X -4 STRAIGHT

10"	412-1-1-10BL
12"	412-1-1-12BL
14"	412-1-1-14BL
16"	412-1-1-16BL
18"	412-1-1-18BL
20"	412-1-1-20BL
24"	412-1-1-24BL
30"	412-1-1-30BL
36"	412-1-1-36BL
40"	412-1-1-40BL
48"	412-1-1-48BL

EXT BLACK COVERED -4 STRAIGHT X -4 90°

10"	412-1-2-10BL
12"	412-1-2-12BL
14"	412-1-2-14BL
16"	412-1-2-16BL
18"	412-1-2-18BL
20"	412-1-2-20BL
24"	412-1-2-24BL
30"	412-1-2-30BL
36"	412-1-2-36BL
40"	412-1-2-40BL
48"	412-1-2-48BL

Other lengths available. For hose lengths not listed here, please see "How To Order" instructions on page 57 or ask your Fragola Performance Systems salesperson.

P.T.F.E. HOSE ASSEMBLIES

Use these lines for nitrous feed, fuel, oil or water. Other lengths available. For hose lengths not listed here please see "How To Order" instructions on page 57 or ask your Fragola Performance Systems salesperson.

-6 STRAIGHT X STRAIGHT STEEL NUT		-6 STRAIGHT X STRAIGHT ALUMINUM NUT		-8 STRAIGHT X STRAIGHT STEEL NUT		-8 STRAIGHT X STRAIGHT ALUMINUM NUT	
12"	370012	12"	371012	12"	380012	12"	381012
16"	370016	16"	371016	16"	380016	16"	381016
20"	370020	20"	371020	20"	380020	20"	381020
24"	370024	24"	371024	24"	380024	24"	381024
30"	370030	30"	371030	30"	380030	30"	381030
36"	370036	36"	371036	36"	380036	36"	381036
42"	370042	42"	371042	42"	380042	42"	381042
48"	370048	48"	371048	48"	380048	48"	381048
60"	370060	60"	371060	60"	380060	60"	381060
72"	370072	72"	371072	72"	380072	72"	381072
84"	370084	84"	371084	84"	380084	84"	381084
96"	370096	96"	371096	96"	380096	96"	381096

-6 STRAIGHT X 45° STEEL NUT		-6 STRAIGHT X 45° ALUMINUM NUT		-8 STRAIGHT X 45° STEEL NUT		-8 STRAIGHT X 45° ALUMINUM NUT	
12"	374012	12"	375012	12"	384012	12"	385012
16"	374016	16"	375016	16"	384016	16"	385016
20"	374020	20"	375020	20"	384020	20"	385020
24"	374024	24"	375024	24"	384024	24"	385024
30"	374030	30"	375030	30"	384030	30"	385030
36"	374036	36"	375036	36"	384036	36"	385036
42"	374042	42"	375042	42"	384042	42"	385042
48"	374048	48"	375048	48"	384048	48"	385048
60"	374060	60"	375060	60"	384060	60"	385060
72"	374072	72"	375072	72"	384072	72"	385072
84"	374084	84"	375084	84"	384084	84"	385084
96"	374096	96"	375096	96"	384096	96"	385096

-6 STRAIGHT X 90° STEEL NUT		-6 STRAIGHT X 90° ALUMINUM NUT		-8 STRAIGHT X 90° STEEL NUT		-8 STRAIGHT X 90° ALUMINUM NUT	
12"	372012	12"	373012	12"	382012	12"	383012
16"	372016	16"	373016	16"	382016	16"	383016
20"	372020	20"	373020	20"	382020	20"	383020
24"	372024	24"	373024	24"	382024	24"	383024
30"	372030	30"	373030	30"	382030	30"	383030
36"	372036	36"	373036	36"	382036	36"	383036
42"	372042	42"	373042	42"	382042	42"	383042
48"	372048	48"	373048	48"	382048	48"	383048
60"	372060	60"	373060	60"	382060	60"	383060
72"	372072	72"	373072	72"	382072	72"	383072
84"	372084	84"	373084	84"	382084	84"	383084
96"	372096	96"	373096	96"	382096	96"	383096

P.T.F.E. HOSE ASSEMBLIES

-10 STRAIGHT X STRAIGHT BLACK ALUMINUM NUT

10″	6010-1-1-10BL
12″	6010-1-1-12BL
16″	6010-1-1-16BL
20″	6010-1-1-20BL
24″	6010-1-1-24BL
30″	6010-1-1-30BL
36″	6010-1-1-36BL
42″	6010-1-1-42BL
48″	6010-1-1-48BL
60″	6010-1-1-60BL
72″	6010-1-1-72BL
84″	6010-1-1-84BL
96″	6010-1-1-96BL

-10 STRAIGHT X -10 45° BLACK ALUMINUM NUT

10″	6010-1-4-10BL
12″	6010-1-4-12BL
16″	6010-1-4-16BL
20″	6010-1-4-20BL
24″	6010-1-4-24BL
30″	6010-1-4-30BL
36″	6010-1-4-36BL
42″	6010-1-4-42BL
48″	6010-1-4-48BL
60″	6010-1-4-60BL
72″	6010-1-4-72BL
84″	6010-1-4-84BL
96″	6010-1-4-96BL

-10 STRAIGHT X -10 90° BLACK ALUMINUM NUT

10″	6010-1-2-10BL
12″	6010-1-2-12BL
16″	6010-1-2-16BL
20″	6010-1-2-20BL
24″	6010-1-2-24BL
30″	6010-1-2-30BL
36″	6010-1-2-36BL
42″	6010-1-2-42BL
48″	6010-1-2-48BL
60″	6010-1-2-60BL
72″	6010-1-2-72BL
84″	6010-1-2-84BL
96″	6010-1-2-96BL

PTFE HOSE WITH "EXT"-EXTREME BLACK COVERING

EXT. BLACK COVERED -6 STRAIGHT X STRAIGHT BLACK ALUMINUM NUT

10″	6026-1-1-10BL
12″	6026-1-1-12BL
16″	6026-1-1-16BL
20″	6026-1-1-20BL
24″	6026-1-1-24BL
30″	6026-1-1-30BL
36″	6026-1-1-36BL
42″	6026-1-1-42BL
48″	6026-1-1-48BL
60″	6026-1-1-60BL
72″	6026-1-1-72BL
84″	6026-1-1-84BL
96″	6026-1-1-96BL

EXT. BLACK COVERED -6 STRAIGHT X 45° BLACK ALUMINUM NUT

10″	6026-1-4-10BL
12″	6026-1-4-12BL
16″	6026-1-4-16BL
20″	6026-1-4-20BL
24″	6026-1-4-24BL
30″	6026-1-4-30BL
36″	6026-1-4-36BL
42″	6026-1-4-42BL
48″	6026-1-4-48BL
60″	6026-1-4-60BL
72″	6026-1-4-72BL
84″	6026-1-4-84BL
96″	6026-1-4-96BL

EXT. BLACK COVERED -6 STRAIGHT X 90° BLACK ALUMINUM NUT

10″	6026-1-2-10BL
12″	6026-1-2-12BL
16″	6026-1-2-16BL
20″	6026-1-2-20BL
24″	6026-1-2-24BL
30″	6026-1-2-30BL
36″	6026-1-2-36BL
42″	6026-1-2-42BL
48″	6026-1-2-48BL
60″	6026-1-2-60BL
72″	6026-1-2-72BL
84″	6026-1-2-84BL
96″	6026-1-2-96BL

EXT. BLACK COVERED -8 STRAIGHT X STRAIGHT BLACK ALUMINUM NUT

10″	6028-1-1-10BL
12″	6028-1-1-12BL
16″	6028-1-1-16BL
20″	6028-1-1-20BL
24″	6028-1-1-24BL
30″	6028-1-1-30BL
36″	6028-1-1-36BL
42″	6028-1-1-42BL
48″	6028-1-1-48BL
60″	6028-1-1-60BL
72″	6028-1-1-72BL
84″	6028-1-1-84BL
96″	6028-1-1-96BL

EXT. BLACK COVERED -8 STRAIGHT X 45° BLACK ALUMINUM NUT

10″	6028-1-4-10BL
12″	6028-1-4-12BL
16″	6028-1-4-16BL
20″	6028-1-4-20BL
24″	6028-1-4-24BL
30″	6028-1-4-30BL
36″	6028-1-4-36BL
42″	6028-1-4-42BL
48″	6028-1-4-48BL
60″	6028-1-4-60BL
72″	6028-1-4-72BL
84″	6028-1-4-84BL
96″	6028-1-4-96BL

EXT. BLACK COVERED -8 STRAIGHT X 90° BLACK ALUMINUM NUT

10″	6028-1-2-10BL
12″	6028-1-2-12BL
16″	6028-1-2-16BL
20″	6028-1-2-20BL
24″	6028-1-2-24BL
30″	6028-1-2-30BL
36″	6028-1-2-36BL
42″	6028-1-2-42BL
48″	6028-1-2-48BL
60″	6028-1-2-60BL
72″	6028-1-2-72BL
84″	6028-1-2-84BL
96″	6028-1-2-96BL

EXT. BLACK COVERED -10 STRAIGHT X STRAIGHT BLACK ALUMINUM NUT

10″	6029-1-1-10BL
12″	6029-1-1-12BL
16″	6029-1-1-16BL
20″	6029-1-1-20BL
24″	6029-1-1-24BL
30″	6029-1-1-30BL
36″	6029-1-1-36BL
42″	6029-1-1-42BL
48″	6029-1-1-48BL
60″	6029-1-1-60BL
72″	6029-1-1-72BL
84″	6029-1-1-84BL
96″	6029-1-1-96BL

EXT. BLACK COVERED -10 STRAIGHT X 45° BLACK ALUMINUM NUT

10″	6029-1-4-10BL
12″	6029-1-4-12BL
16″	6029-1-4-16BL
20″	6029-1-4-20BL
24″	6029-1-4-24BL
30″	6029-1-4-30BL
36″	6029-1-4-36BL
42″	6029-1-4-42BL
48″	6029-1-4-48BL
60″	6029-1-4-60BL
72″	6029-1-4-72BL
84″	6029-1-4-84BL
96″	6029-1-4-96BL

EXT. BLACK COVERED -10 STRAIGHT X 90° BLACK ALUMINUM NUT

10″	6029-1-2-10BL
12″	6029-1-2-12BL
16″	6029-1-2-16BL
20″	6029-1-2-20BL
24″	6029-1-2-24BL
30″	6029-1-2-30BL
36″	6029-1-2-36BL
42″	6029-1-2-42BL
48″	6029-1-2-48BL
60″	6029-1-2-60BL
72″	6029-1-2-72BL
84″	6029-1-2-84BL
96″	6029-1-2-96BL

HOW TO ORDER CUSTOM FACTORY CRIMPED P.T.F.E. HOSE ASSEMBLIES

5 EASY STEPS

ONE

Choose Hose Size and Style

-3 Stainless P.T.F.E., No Cover	310
-3 Stainless P.T.F.E., Clear Cover	311
-3 Stainless P.T.F.E., Black Cover	312
-4 Stainless P.T.F.E., No Cover	410
-4 Stainless P.T.F.E., Clear Cover	411
-4 Stainless P.T.F.E., Black Cover	412
-6 Stainless P.T.F.E., No Cover	6006
-6 Stainless P.T.F.E., Black Cover	6026
-8 Stainless P.T.F.E., No Cover	6008
-8 Stainless P.T.F.E., Black Cover	6028
-10 Stainless P.T.F.E., No Cover	6010
-10 Stainless P.T.F.E., Black Cover	6029

Please Note: The hose ends shown above are representative only. The finished product may not exactly match the hose ends pictured.

TWO

Choose the hose end for both ends.
#1 for straight female swivel
#2 for female 90° swivel
#3 for 3/8" X 10mm banjo
#4 for female 45° swivel
#5 for 7/16" banjo
#6 for 1/8" male pipe
#7 for straight female swivel with blue aluminum nut
#8 for straight female swivel with red aluminum nut

Please note: Not all combinations of hose ends are available for each size of hose. Ask your Fragola Performance Systems salesperson for complete details.

THREE

Choose your length
(see diagrams at right for the proper method of measuring).

FOUR

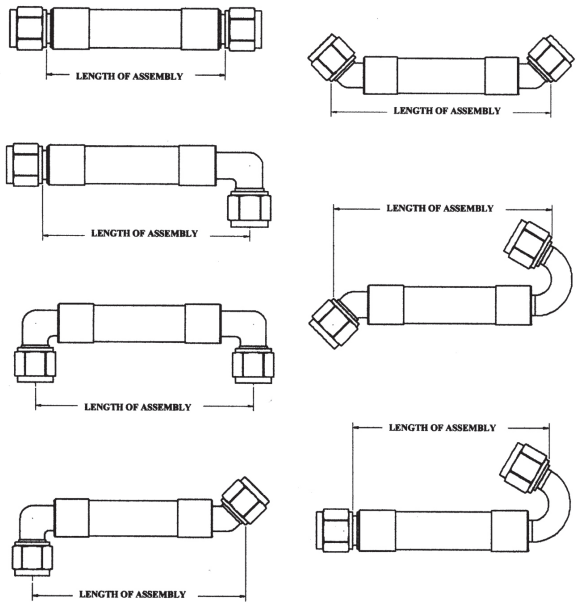
Choose the "clocking" (positioning) of the hose ends when using 45s or 90s on both ends. (Hose end #1 is always straight up, which is called 12 o'clock.)

FIVE

The best bet is to FAX a sketch to: 860-621-1431 showing the position of both ends.

Example: If you wanted a 23" hose assembly with a 45° and a 90° end both clocked the same direction, the part number would be 310-2-4-23"-12 X 12.

ILLUSTRATED HOSE MEASUREMENT CHART



F.P.S. Hose Outside Diameter Listing

Size	SS	Push-Lite	PTFE	Push LOK	Black LT Weight	P/S
-3	N/A	N/A	0.25	N/A	N/A	N/A
-4	0.461	0.531	0.312	0.5	0.44	N/A
-6	0.57	0.656	0.445	0.63	0.56	0.68
-8	0.672	0.812	0.549	0.78	0.67	0.77
-10	0.82	0.938	0.648	0.91	0.82	0.92
-12	0.961	1.063	N/A	1.03	0.96	N/A
-16	1.187	N/A	N/A	1.28	1.15	N/A
-20	1.468	N/A	N/A	N/A	N/A	N/A

P.T.F.E. CRIMP FITTING

Use with 6000 Series P.T.F.E. Hose Page 47

You can build your own line assemblies, at your location. Our D-100 (page 67) or any crimper that features an adjustable crimp diameter will work fine. Be sure to pressure test your hose assemblies, as a precaution. The pressure test kits are on Page 66.

STRAIGHT CRIMP FITTING WITH COLLAR

Description	Steel Nuts	Black Nuts	Blue Nuts	Red Nuts
#3, Bag of 20	6001023	6001023BL	6001023BU	6001023RD
#4, Bag of 20	6101023	6101023BL	6101023BU	6101023RD
#6, Bag of 20	6201023	6201023BL	6201023BU	6201023RD
#8, Bag of 20	6301023	6301023BL	6301023BU	6301023RD

90° BENT TUBE CRIMP FITTING WITH COLLAR

Description	Steel Nuts	Black Nuts	Blue Nuts	Red Nuts
#3, Bag of 20	6002023	6002023BL	6002023BU	6002023RD
#4, Bag of 20	6102023	6102023BL	6102023BU	6102023RD
#6, Bag of 20	6202023	6202023BL	6202023BU	6202023RD
#8, Bag of 20	6302023	6302023BL	6302023BU	6302023RD

90° FORGED CRIMP FITTING WITH COLLAR

Description	Steel Nuts
#3, Bag of 20	6002123

45° BENT TUBE FITTING WITH COLLAR

Description	Steel Nuts	Black Nuts	Blue Nuts	Red Nuts
#3, Bag of 20	6004023	6004023BL	6004023BU	6004023RD
#4, Bag of 20	6104023	6104023BL	6104023BU	6104023RD
#6, Bag of 20	6204023	6204023BL	6204023BU	6204023RD

45° FORGED CRIMP FITTING WITH COLLAR

Description	Steel Nuts	Black Nuts	Blue Nuts	Red Nuts
#3, Bag of 20	6004123	6004123BL	6004123BU	6004123RD

BANJO CRIMP FITTING WITH COLLAR

Description	Steel Nuts
#3 X 3/8", Bag of 20	6003023
#3 x 7/16", Bag of 20	6005023
#4 X 7/16", Bag of 20	6105023

30° UP BANJO CRIMP FITTING WITH COLLAR

Description	Black Nuts
#3 X 3/8", Bag of 20	6003123BL

NPT CRIMP FITTING WITH COLLAR

Description	Steel Nuts
#3 X 1/8, Bag of 20	6006023
#4 X 1/8, Bag of 20	6106023

10 P.T.F.E. CRIMP FITTING WITH COLLAR

Sold in pairs	Black
#10 Straight	6401023
#10 45°	6404023
#10 90°	6402023

CRIMP DIAMETER SPECIFICATIONS FOR FRAGOLA PERFORMANCE SYSTEMS P.T.F.E. HOSES

AN Size	Crimp Diameter
-3	.320"-.325"
-4	.385"-.390"
-6	.540"-.545"
-8	.610"-.615"
-10	.735"-.740"

CAUTION: The fittings on this page are designed to be used with the P.T.F.E. hose on page 43 of this catalog. Be certain to clean inside of hose assembly prior to installation.

PREMIUM FUEL LINE KITS

Fragola Performance Systems manufacturers high performance fuel line kits for the most popular carburetors. Each comes completely assembled with a high flow adapter, an EZ system of detachment for quick jet changes.

FUEL LINE KITS

Size	Fits	Center-Center	Part Number
-6 X 9/16-24	Single Inlet Holley	N/A	920001
-6 X 7/8-20	Dual Inlet Holley-4150	9.3"	920002
-6 X 7/8-20	Dual Inlet Holley-4150-Black	9.3"	920002BL
-6 X 7/8-20	Dual Inlet Holley-4150-Chrome	9.3"	920002CH
-8 X 7/8-20	Dual Inlet Holley-4150	9.3"	920003
-8 X 7/8-20	Dual Inlet Holley-4150-Black	9.3"	920003BL
-8 X 7/8-20	Dual Inlet Holley-4150-Chrome	9.3"	920003CH
-6 X 7/8-20	Dual Inlet Holley-4500	11.35"	920004
-6 X 7/8-20	Dual Inlet Holley-4500-Black	11.35"	920004BL
-6 X 7/8-20	Dual Inlet Holley-4500-Chrome	11.35"	920004CH
-8 X 7/8-20	Dual Inlet Holley-4500	11.35"	920005
-8 X 7/8-20	Dual Inlet Holley-4500-Black	11.35"	920005BL
-8 X 7/8-20	Dual Inlet Holley-4500-Chrome	11.35"	920005CH
-6 X 9/16-24	Demon	9.5"	920006
-6 X 9/16-24	Demon-Black	9.5"	920006BL
-6 X 9/16-24	Demon-Chrome	9.5"	920006CH
-8 X 9/16-24	Demon	9.5"	920007
-8 X 9/16-24	Demon-Black	9.5"	920007BL
-8 X 9/16-24	Demon-Chrome	9.5"	920007CH

COMPONENTS

Description	Part Number
-6 Straight Hose End	100106
-6 Straight Hose End-Black	100106BL
-8 Straight Hose End	100108
-8 Straight Hose End-Black	100108BL
-6 X 7/8-20, 3" long, Inlet Fitting	491975
-6 X 7/8-20, 3" long, Inlet Fitting-Black	491975BL
-8 X 7/8-20, 3" long, Inlet Fitting	491976
-8 X 7/8-20, 3" long, Inlet Fitting-Black	491976BL
-6 X 9/16-24, 3" long, Inlet Fitting	491977
-6 X 9/16-24, 3" long, Inlet Fitting-Black	491977BL
-8 X 9/16-24, 3" long, Inlet Fitting	491978
-8 X 9/16-24, 3" long, Inlet Fitting-Black	491978BL

COMPONENTS

Description	Part Number
-6 Cap with 1/8 FPT and a plug	492926
-6 Cap with 1/8 FPT and a plug-Black	492926BL
-8 Cap with 1/8 FPT and a plug	492928
-8 Cap with 1/8 FPT and a plug-Black	492928BL
-6 Tee, Swivel on the side	498203
-6 Tee, Swivel on the side-Black	498203BL
-8 Tee, Swivel on the side	498204
-8 Tee, Swivel on the side-Black	498204BL
-6 Stainless Braided Hose	700006
-8 Stainless Braided Hose	700008

PREMIUM FUEL LINE KITS

FUEL LINE KITS BLACK on BLACK

Size	Fits	Center-Center	Part Number
-6 X 7/8-20	Dual Inlet Holley-4150	9.3"	930002BL
-8 X 7/8-20	Dual Inlet Holley-4150	9.3"	930003BL
-6 X 7/8-20	Dual Inlet Holley-4500	11.35"	930004BL
-8 X 7/8-20	Dual Inlet Holley-4500	11.35"	930005BL
-6 X 9/16-24	Demon	9.5"	930006BL
-8 X 9/16-24	Demon	9.5"	930007BL

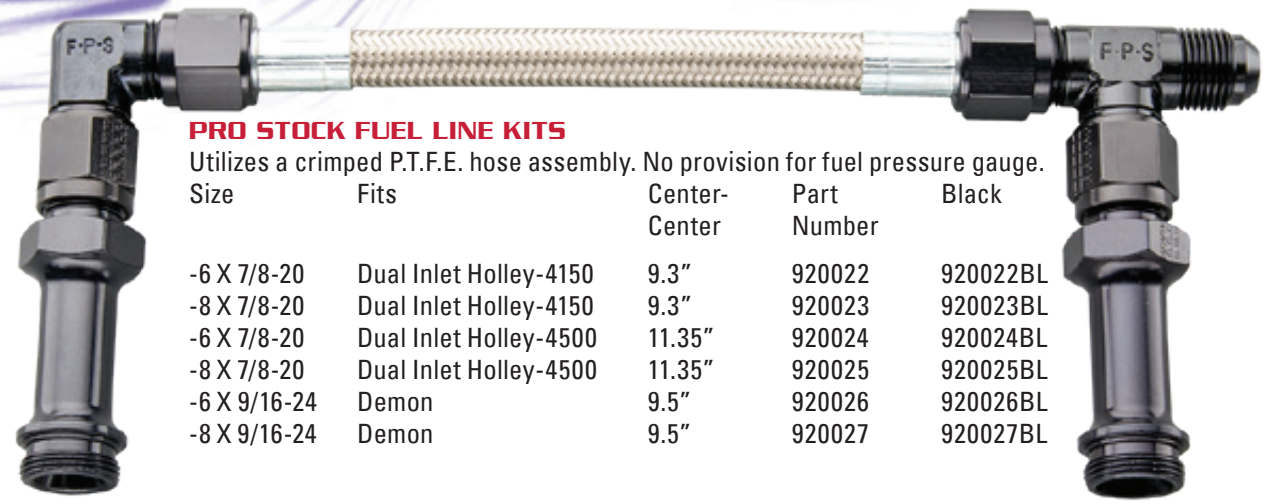
FUEL LINE KITS BLACK and CHROME

Size	Fits	Center-Center	Part Number
-6 X 7/8-20	Dual Inlet Holley-4150	9.3"	930002CH
-8 X 7/8-20	Dual Inlet Holley-4150	9.3"	930003CH
-6 X 7/8-20	Dual Inlet Holley-4500	11.35"	930004CH
-8 X 7/8-20	Dual Inlet Holley-4500	11.35"	930005CH
-6 X 9/16-24	Demon	9.5"	930006CH
-8 X 9/16-24	Demon	9.5"	930007CH

COMPONENTS CHROME

Description		Part Number
-6	9/16-18 (6), Radius Fitting	495100CH
-6	3/4-16 (8), Radius Fitting	495101CH
-8	9/16-18 (6), Radius Fitting	495102CH
-8	3/4-16 (8), Radius Fitting	495103CH
-8	7/8-14 (10), Radius Fitting	495104CH
-10	3/4-16 (8), Radius Fitting	495105CH
-10	7/8-14 (10), Radius Fitting	495106CH
-10	1 1/16-12 (12), Radius Fitting	495107CH
-12	7/8-14 (10), Radius Fitting	495108CH
-12	1 1/16-12 (12), Radius Fitting	495109CH
-6 X 3/8" MPT, Straight A-N Adapter		481666CH
-6 X 1/2" MPT, Straight A-N Adapter		481668CH
-8 X 1/2" MPT, Straight A-N Adapter		481688CH
-8 X 3/8" MPT, Straight A-N Adapter		481608CH
-6 X 9/16-24 Male, Holley & Demon		491951CH
-6 X 7/8-20 Male Holley-4150		491952CH
-8 X 7/8-20 Male, Holley		491957CH
-8 X 9/16-24 Male, Holley & Demon		491966CH

PREMIUM FUEL LINE KITS



PRO STOCK FUEL LINE KITS

Utilizes a crimped P.T.F.E. hose assembly. No provision for fuel pressure gauge.

Size	Fits	Center-Center	Part Number	Black
-6 X 7/8-20	Dual Inlet Holley-4150	9.3"	920022	920022BL
-8 X 7/8-20	Dual Inlet Holley-4150	9.3"	920023	920023BL
-6 X 7/8-20	Dual Inlet Holley-4500	11.35"	920024	920024BL
-8 X 7/8-20	Dual Inlet Holley-4500	11.35"	920025	920025BL
-6 X 9/16-24	Demon	9.5"	920026	920026BL
-8 X 9/16-24	Demon	9.5"	920027	920027BL

SPORTSMAN FUEL LINE KITS

Utilizes a black nylon race hose crimped hose assembly. Features a provision for fuel pressure gauge. Black Only

Size	Fits	Center-Center	Part #
-8	Dual Inlet Holley 4150 Ultra HP's w/ -8 ORB Fuel Bowls	9.75"	930010BL
-8	Dual Inlet Holley 4500 Ultra HP's w/ -8 ORB Fuel Bowls	10.75"	930012BL
-8	Dual Inlet Holley 4150 w/ 7/8-20 Fuel Bowls	9.3"	930014BL
-8	Dual Inlet Holley 4500 w/ 7/8-20 Fuel Bowls	11.35"	930016BL

PLUMBING KITS, FUEL, AND REPLACEMENT PARTS

FUEL CELL PICK-UP KIT

This kit allows the end user to plumb various sized pick-up lines in any plastic fuel cell. Kit comes complete with bulkhead fitting, nut, plastic sealing washers, straight Push-Lite Hose End and a length of push on hose.

-6 Fuel Cell Kit	900700
-8 Fuel Cell Kit	900701
-10 Fuel Cell Kit	900702
-12 Fuel Cell Kit	900703

Y FUEL BLOCK

Tapped 1/8" FPT for pressure gauge.

-8 All Ports	482448
1/2" FPT All Ports	482450

SPORTSMAN DUAL FEED FUEL LINE KIT

This kit is ideal for those who do not need a pressure port for fuel pressure. By changing a few components we arrived with a very cost effective fuel line for both Holley and Demon carburetors. Available in -6 AN only.

Fits Holley 4150, -6 AN	920012
Fits Demon, -6 AN	920016

REPLACEMENT SOCKETS

Series 2000 Pro-Flow Hose Ends
Page 8-13

	Black	Red	Chrome
-4	998204	998204RD	998204CH
-6	998206	998206RD	998206CH
-8	998208	998208RD	998208CH
-10	998210	998210RD	998210CH
-12	998212	998212RD	998212CH

Series 3000 Aluminum Hose Ends
Pages 14-19

	Red	Black	Clear
-4	999004	999004BL	999004CL
-6	999006	999006bl	999006CL
-8	999008	999008BL	999008CL
-10	999010	999010BL	999010CL
-12	999012	999012BL	999012CL
-16	999016	999016BL	999016CL
-20	999020	999020BL	999020CL

Series 6000 & Real Street P.T.F.E. Hose Ends
Pages 40-48

	Steel	Red	Black
-3	999023	999023RD	N/A
-4	999024	999024RD	999024 BL
-6	999026	999026RD	999026BL
-8	999028	999028RD	999028BL
-10	N/A	N/A	999030BL
-12	N/A	N/A	999030BL

VACUUM PUMP PLUMBING KITS

Fragola's new Vacuum Pump Plumbing Kits for all popular brands of vacuum kits. Featuring Fragola's Premium Black Nylon Covered Hose, each vacuum kit contains six feet of black hose, two -12 straight hose ends and two -12 90° hose ends. Kits are available with either black hose ends or with the new chrome hose ends.

Vacuum Pump Plumbing Kit (#12) Black	900649BL
Vacuum Pump Plumbing Kit (#12) Chrome	900649CH

VACUUM PUMP FITTINGS

#12 x #12 Radius Fitting, Vacuum Pump, Black	495641BL
#12 x #12 Radius Fitting, Vacuum Pump, Chrome	495641CH

CAPS

Use these plastic caps to protect the AN threads when the hose ends are removed. Sold in bags of 10 pieces.

-3, 3/8-24 Thread	900800
-4, 7/16-20 Thread	900802
-6, 9/16-18 Thread	900804
-8, 3/4-16 Thread	900806
-10, 7/8-14 Thread	900808
-12, 1 1/16-12 Thread	900810
-16, 1 5/16-12 Thread	900812

PLUGS

Use these plastic plugs to seal your hoses and to keep dirt out when disassembled. Sold in bags of 10 pieces.

-3, 3/8-24 Thread	900900
-4, 7/16-20 Thread	900902
-6, 9/16-18 Thread	900904
-8, 3/4-16 Thread	900906
-10, 7/8-14 Thread	900908
-12, 1 1/16-12 Thread	900910
-16, 1 5/16-12 Thread	900912

HI-TEMP PUSH-LITE CAPS

For higher than standard temperature applications. Sold in black only, bags of 10 pieces.

-4	999500
-6	999502
-8	999504
-10	999506
-12	999508
-16	999510

STAINLESS INNER SUPPORT SPRINGS

An extra measure of support for high vacuum applications with stainless braided hose. Installs by using a solid rod smaller than the inside of the hose. Slit the end of the rod, and wind the support spring into the hose. Light lubrication eases installation. Available in 10 ft. lengths only.

-8	799008
-10	799010
-12	799012
-16	799016
-20	799020

GROMMET SEALS

Use these grommet seals to run lines through various panels in place of bulkhead fittings. Made from fire-retardant rubber bonded to an anodized aluminum ring.

1.5" Dia. Blank-Single	999400
3" Dia, 1/4" Hole-Single	999402
3" Dia. 1/2" Hole-Single	999404
3" Dia. 1" Hole-Single	999406
5 1/4" Long, Two Hole	999408
2" Dia. .400" Hole-Bellows Style	999410
1.5" Dia. Blank-Pointed	999412

PUSH LOK CLAMPS and PLIERS

These lightweight stainless steel band clamps are "just the ticket" for push on applications that will see elevated pressures or temperatures. With a simple squeeze of the pliers you can add the extra measure of protection to any push-on hose assembly. Sold in pairs by hose size, and also available in a Master Pack of 10 clamps of each size. Special crimping pliers may be utilized for installation and E-Z clamp removal. A must for every toolbox.

Clamp Pliers	999150
-4 – Pair	999154
-6 – Pair	999156
-8 – Pair	999158
-10 – Pair	999160
-12 – Pair	999162
-16 – Pair	999164
10 ea. Master Pack	999170

ALUMINUM AN 901 CRUSH WASHERS

-3 (3/8") – 10 Pack	999201
-4 (7/16") – 10 Pack	999202
-6 (9/16") – 10 Pack	999203
-8 (3/4") – 10 Pack	999204
-10 (7/8") – 10 Pack	999205
-12 (1 1/16") – 10 Pack	999206
-16 (1 5/16") – 10 Pack	999208
8mm – 10 Pack	999209
10mm – 10 Pack	999210
1/2" – 10 Pack	999211
12mm – 10 Pack	999212
14mm – 10 Pack	999214
16mm – 10 Pack	999216
18mm – 10 Pack	999218
20mm – 10 Pack	999220
22mm – 10 Pack	999222

REPLACEMENT CRUSH WASHERS

For 491950, 967 (5/8" I.D.)	999101
For 491951, 966, 977, 978 – (9/16" I.D.)	999102
For 491952, 957, 958, 975, 976 – (7/8" I.D.)	999103
For 491965 – (1" I.D.)	999104

E-Z FIT REPLACEMENT CLAMP

-3 E-Z Fit 3/8" I.D.	999251
-4 E-Z Fit 7/16" I.D.	999252
-6 E-Z Fit 9/16" I.D.	999253
-8 E-Z Fit 21/32" I.D.	999254
-10 E-Z Fit 13/16" I.D.	999255
-12 E-Z Fit 15/16" I.D.	999256
-16 E-Z Fit 1 5/32" I.D.	999257
-20 E-Z Fit 1 7/16" I.D.	999258

VITON O-RINGS

(Sold in packs of 10)

-2	999120
-3	999108
-4	999109
-6	999110
-8	999111
-10	999112
-12	999113
-16	999114

NYLON SEALING WASHERS

9/16" I.D. (6) – 10 Pack	999126
3/4" I.D. (8) – 10 Pack	999128
7/8" I.D. (10) – 10 Pack	999130
1 1/16" I.D. (12) – 10 Pack	999132
13/16" I.D. Special for -16 Banjo (#100017BL) - Pair	999134

PADDED LINE CLAMPS & FIRE SLEEVE

PADDED LINE CLAMPS

Light weight aluminum line clamps lined with neoprene rubber, secure hoses for their protection.

1/4" (.250") Padded Line Clamps, Bag of 10 Pieces	900950
3/8" (.375") Padded Line Clamps, Bag of 10 Pieces	900951
1/2" (#4) Padded Line Clamps, Bag of 10 Pieces	900952
5/8" (#6) Padded Line Clamps, Bag of 10 Pieces	900953
3/4" (#8) Padded Line Clamps, Bag of 10 Pieces	900954
7/8" (#10) Padded line Clamps, Bag of 10 Pieces	900955
1" (#12) Padded Line Clamps, Bag of 5 Pieces	900956
1 1/4" (#16) Padded Line Clamps, Bag of 5 Pieces	900957
1 1/2" (#20) Padded Line Clamps, Bag of 5 Pieces	900958

ULTRALIGHTWEIGHT FIRE SLEEVE

Resin-coated fiberglass sleeve good for up to 1200 degrees. Available in black only.

Size Range	Bulk Part Number
3/8" X 5/8" (.375" X .625")	880000
1/2" X 3/4" (.50" X .750")	880001
5/8" X 7/8" (.626" X .875")	880002
3/4" X 1 1/8" (.75" X 1.125")	880003
7/8" X 1 1/4" (.875" X 1.250")	880004
1" X 1 5/8" (1.0" X 1.625")	880005

AN WRENCHES

Manufactured from heat-treated aluminum, this set is the best insurance against marring the finish of your Fragola Performance Systems fittings during assembly. A 3/8" ratchet ID on wrenches allows for accurate torquing of A-N fitting and hose end. Custom short handle also helps prevent over-torquing. Sold in sets of five, also available separately.

AN Size	Single Open End	Double Open End
-4	N/A	900084
-6	900006	900086
-8	900008	900088
-10	900010	900090
-12	900012	900092
-16	900016	900096
-20	N/A	900098

WRENCH SETS

Single Open End Five Piece Wrench Set	900050
Double Open End Five Piece Wrench Set -6 Through -16	900100

HAND HELD HOSE SHEAR

There are a number of methods for cutting stainless braided hose, but the quickest and easiest is the hand held hose shear. With one stroke, hose up to -12 can be cut quickly and cleanly. Some braid strands may need additional clipping with side-cut wire pliers. NOTE: Cannot be used on all types of hose, as some multi-layer hose like power steering hose may be too thick or tough.

Hand Held Hose Shear 900062

HOSE TEST KIT

This economical pressure test kit is a must for every toolbox. It allows the quick testing of your -3 through -16 hose assemblies. A compressed air source is needed to pressurize the hose, plus a water bath to submerge and check for leaks.

INDIVIDUAL LINE TESTERS (Tests single hose assembly.)

AN Size	Part Number	AN Size	Part Number
-3	900663	-10	900670
-4	900664	-12	900672
-6	900666	-16	900676
-8	900668	Complete Kit	900060
	*Replacement Schrader Valve		999180

GARDEN HOSE FLUSH AND TEST KITS

Great for flushing out or testing new hose assemblies before installation. Can also be used to flush debris from hose assemblies after an engine or transmission failure.

AN Size	Description	Part Number
-8	-8 x Garden Hose Adapter Only*	900555BL
-6 Through -10	Sportsmen Test Kt	900556BL
-4 Through -16	Master Test Kit	900557BL

*Note: Part # 900555BL requires -8 plug, part # 480608BL to perform a low pressure leak test on -8 hose assemblies.

LEVER TUBING BENDERS

Open slide slips over the tube at any point. Makes smooth, tight radius bends up to 180 degrees with minimum effort. Does not score or flatten the tubing.

3/16" Hard Line Bender 900501
1/4" Hard Line Bender 900502

P.T.F.E. THREAD TAPE

Pipe Tape 1/4" X 43' 900063

RUBBER HOSE CUTTER

Rubber Hose Cutter 900066

-3 AND -4 P.T.F.E. BRAID SPREADER

This handy tool makes it a snap to open up the braiding in order to seat the "olive" over the P.T.F.E. liner on -3 and -4 hose. This tool can also be used to flush up against the end of the hose before continuing the installation of reusable hose ends.

Braid Spreader For -3 and -4 Hose
900065

SPECIAL TOOLS & ACCESSORIES

VISE JAWS

These magnetized aluminum vise jaws will hold your fittings securely during assembly.

Vise Jaws (Fits most vises with 3" jaws)	900061

37° FLARING TOOL

The AN specification calls for a 37° JIC flare in order to seal hard line tubing on the flare of the matching adapter. This economical flaring tool works on 3/16" through 5/8" diameter tubing. The faceted hard chrome-finished cone rolls out a perfect flare and burnishes the surface at the same time. Large handle gives excellent leverage. Ok for use on stainless tubing.

37° Flaring Tool For 3/16" – 5/8" Diameter Tubing	900500

KOUL TOOL - 2000/3000 Series Hose Ends

This handy composite device makes installing the socket over the cut end of the stainless hose a breeze. Three sizes in a box, and they fit all brands of AN fittings.

Koul Tool Fits -4, -6, -8	900510
Koul Tool Fits -10, -12, -16	900511

KOUL TOOL - EZ On Push-Lok Hose Press

Allows complete assembly of Push-Lok hose and ends without the need for heat or boiling water. Works on sizes -4 through -16 AN.

Koul Tool - EZ On Hose Press	900512

CRIMP MACHINE

The best bench mount portable crimp machine available anywhere. Custom Crimp designed the D-100 Model to be the easiest to operate whether you are a novice or crimp hoses for your living.

- The precision micrometer allows quick settings and gives 100% repeatability time after time.
- Removable pusher allows fast changes between straight and angled fittings.
- Inverted die allows the operator to accurately position the fitting prior to the final crimp.
- Hand pump allows the user to "go anywhere" to make professional-quality crimps.

Crimp Machine with Hand Pump	900200
PTFE Die Set, Crimp Range .275"-.315"	900208
PTFE Die Set, Crimp Range .315"-.397"	900201
PTFE, 3000 SS, 8400 Black, Race-Rite Die Set, Crimp Range .393"-.521"	900211
PTFE Die Set, Crimp Range .551"-.669"	900209
3000 SS, 8400 Black, Race-Rite Die Set, Crimp Range .626-.787	900203
3000 SS, 8400 Black, Race-Rite Die Set, Crimp Range .748"-.905"	900202
3000 SS, 8400 Black, Race-Rite Die Set, Crimp Range .866"-.1.023"	900204
3000 SS, 8400 Black, Race-Rite Die Set, Crimp Range 1.102"-1.258"	900206
3000 SS, 8400 Black, Race-Rite Die Set, Crimp Range 1.220"-1.377"	900207
Optional, Pneumatic Pump- Requires Air Source	900210

FRAGOLA P.O.P. PRODUCT DISPLAY

FRAGOLA P.O.P. DISPLAY & PLAN-O-GRAMS

Fragola's plan-o-gram kit with P.O.P. display features all of the "A" list parts you will need to get started in the performance plumbing business. Clamshell packaging features full color graphic cards that will be sure to attract your customer's attention.

999100 P.O.P. Display Only (comes with rack on casters, 40 hooks, clamshell packaging, one shelf and patriotic signage.
999100A P.O.P. Display with A-Mover Plan-o-gram (Black Products Only)
999100B P.O.P. Display with A-Mover Plan-o-gram (Red/Blue Products Only)

Replacement Parts:
999100S Additional Shelf (each)
999100H Additional Hooks (each)

Kit Contents

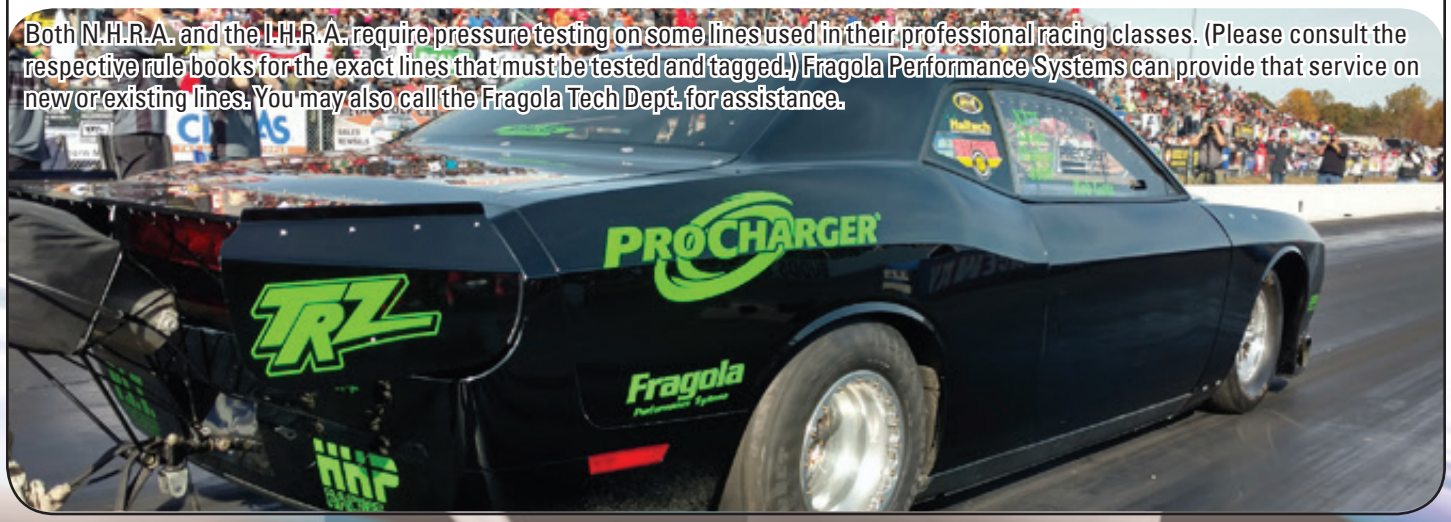
P/N	Qty	Description
220106	4	#6 STR HOSE END
224506	4	#6 45 DEG. HOSE END
229006	4	#6 90 DEG. HOSE END
220108	4	#8 STR HOSE END
224508	4	#8 45 DEG. HOSE END
229008	4	#8 90 DEG. HOSE END
491950	1	#6 X 5/8-20 CARTER CARB. ADAPTER
491952	2	#6 X 7/8-20 HOLLEY CARB. ADAPTER
491948	2	#8 X 7/8-20 HOLLEY CARB. ADAPTER
491989	1	3/8 I.D. FUEL INJECTION ADAPTER
491990	1	5/16 I.D. FUEL INJECTION ADAPTER
481666	5	#6 X 3/8 PIPE THREAD ADAPTER
481608	5	#8 X 3/8 PIPE THREAD ADAPTER
481668	3	#6 X 1/2 PIPE THREAD ADAPTER
481688	3	#8 X 1/2 PIPE THREAD ADAPTER
482266	2	#6 X 3/8 90 DEG. PIPE THREAD ADAPTER
495005	1	#6 MALE X FEM. ADAPT. 1/8 NPT ON SIDE
495006	1	#8 MALE X FEM. ADAPT. 1/8 NPT ON SIDE
493202	2	1/8" MALE PIPE PLUG
493203	2	1/4" MALE PIPE PLUG
493204	2	3/8" MALE PIPE PLUG

P/N	Qty	Description
493205	2	1/2" MALE PIPE PLUG
480606	2	#6 MALE ALUMINUM FLARE PLUG
480608	2	#8 MALE ALUMINUM FLARE PLUG
492906	2	#6 FEMALE ALUMINUM CAP
492908	2	#8 FEMALE ALUMINUM CAP
481506	1	#6 MALE UNION
481508	1	#8 MALE UNION
481406	1	#6 ALUMINUM PORT PLUG
481408	1	#8 ALUMINUM PORT PLUG
483106	1	#6 FUEL CELL BULKHEAD W/WASHERS AND NUTS
483108	1	#8 FUEL CELL BULKHEAD W/WASHERS AND NUTS
495100	3	#6 X 9/16-18 (6) ORB FITTING
495101	2	#6 X 3/4-16 (8) ORB FITTING
495113	2	#6 X 7/8-14 (10) ORB FITTING
495103	2	#8 X 3/4-16 (8) ORB FITTING
495104	2	#8 X 7/8-14 (10) ORB FITTING
495106	2	#10 X 7/8-14 (10) ORB FITTING
900953	1	5/8" (#6) PADDED LINE CLAMPS, 10 PACK
900954	1	3/4" (#8) PADDED LINE CLAMPS, 10 PACK
841006	1	#6 NYLON RACE HOSE, 10 FEET
841008	1	#8 NYLON RACE HOSE, 10 FEET
999100	1	RACK & 4 CASTERS, W/SHELF AND SIGNAGE

N.H.R.A. AND I.H.R.A. PRESSURE TEST AND TAG

Pressure Test and Tag, Per Line 900000

Both N.H.R.A. and the I.H.R.A. require pressure testing on some lines used in their professional racing classes. (Please consult the respective rule books for the exact lines that must be tested and tagged.) Fragola Performance Systems can provide that service on new or existing lines. You may also call the Fragola Tech Dept. for assistance.



TEE SHIRTS

MENS T-SHIRTS

Size	Part Number
MED	400111
LG	400112
XL	400113
XXL	400114
XXXL	400115

WOMANS T-SHIRTS

Size	Part Number
MED	400211
LG	400212
XL	400213

HOODIES

Size	Part Number
MED	400311
LG	400312
XL	400313
XXL	400314
XXXL	400315

BANNER

Part Number 400500

SERIES 3000 HOSE CUTTING & ASSEMBLY

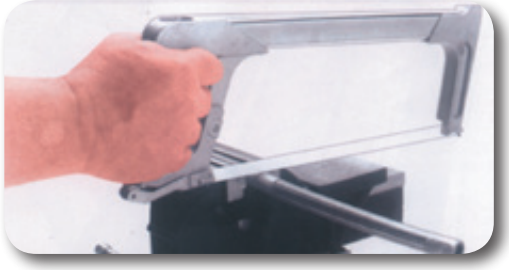
GETTING THE MOST FROM YOUR INVESTMENT

Congratulations on buying the finest AN hose and fitting products ever made! Please be certain to properly assemble the hose and ends.

When doing any plumbing job, be sure to route the hoses far away from heat sources like the exhaust system. Secure the lines at various points to prevent them from moving.

Use a few drops of motor oil on the threads and the seat area of the hose end. The seal is made on the 37 degree flare. Be careful not to over tighten the hose ends so as not to damage the flare.

1 & 2



3

4

5 & 6

7 & 8

1. Cutting the Fragola Performance Systems Series 3000 Stainless Braided Hose is easy. Wrap the hose with "Gray" or masking tape at the length desired. Hose may be cut with a hack saw, if you have a 32-teeth-per-inch blade. Otherwise a Beverly Shear, radiac or chop saw will work fine. You want to keep the braids from fraying. After the cut carefully remove the tape and trim the frayed ends if necessary.

2. Using FPS aluminum vice jaws will help protect the hose end from scratching during the next steps. If there is a concern about scratching, the hose end may be wrapped with tape for protection. Place the red socket in a vise and insert the hose through the smooth end until the hose lines up with the bottom of the threads inside the socket.

3. It is important to mark the outside of the hose at the end of the socket. This will show you if the hose has "pushed out" of the socket during assembly, and if so, will leak when used.

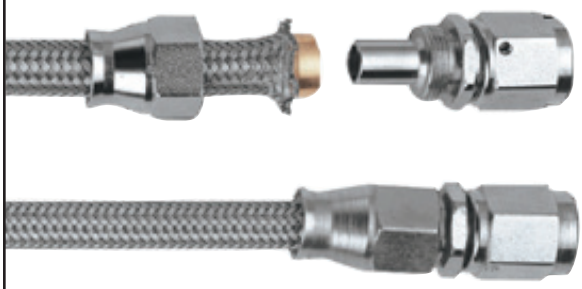
4. It is very important to lubricate the inside of the socket and the outside threads of the fitting.

5. Holding the hose and not the socket, start the hose on the nipple of the hose end with a gentle twisting motion. Continue pushing on the hose until the threads can be engaged. Some sizes may require the use of some force to engage the threads at this point.

6. It doesn't matter which portion (the socket or the nipple) is secured in a vise. Using a suitable wrench tighten the socket threads onto the cutter. An adjustable "Crescent" type wrench is not recommended as it may slip and damage the outside of the hose end.

7. Tighten until the socket is within .060-.080" of bottoming out. Recheck your mark and if it is within 1/16" of the socket you are okay. If not, disassemble the hose end, re-cut the hose and start all over again.

8. Clean the inside of the hose assembly with clean solvent. Blow out residue with compressed air. It is strongly recommended that you test the hose assembly for leakage before putting it into service. Be sure to lubricate the "B-nut threads" before installing on an adapter. See hose flush and pressure test kits on page 63.



P.T.F.E. HOSE ASSEMBLY

- You may cut the hose in the same method as our 3000 Series Hose.
- With the hose cut to the desired length, you must first slide the "socket" onto the hose.
- Next you must open up the braiding in order for the "olive" to slide over the P.T.F.E. liner. Our #900065 P.T.F.E. Braid Spreader works very well in this application. The braid must be spread sufficiently so the small shoulder inside the "olive" rests against the cut end of the P.T.F.E. liner.
- If you used our #900065 Braid Spreader, the nipple end will have already resized the P.T.F.E. liner, which may be squashed from the cutting operation. If not, you must insert something in the end of the P.T.F.E. liner to bring it back to a round shape (an ice pick works well for this operation).
- Please note when assembling Black or Clear covered PTFE Hose, it will be necessary to strip a 1/4 - 3/8 of cover off the hose. This will allow you to separate the braid and install the "olive".

PUSH-LITE HOSE ASSEMBLY

- Soften the end of the hose slightly in boiling water. Then add a few drops of assembly lube to the barbs of the hose end.
- Clamp the hose end in a vise using our #900061 Aluminum Vise Jaws and in one motion push the hose over the barb. The fit is tight on purpose, as it is the only method of hose retention.

POWER STEERING HOSE ASSEMBLY

- You may cut the hose in the same manner as our Series 3000 Race Hose, but it is not necessary to tape the end prior to cutting.
- Install the "socket" over the cut end of the hose. Some twisting may be required to get the "socket" to the desired position with the hose seated against the bottom of the socket. Please note that the socket is left hand thread.
- Clamp the hose and socket in a vise using our #900061 Vise Jaws. Oil the threads using assembly lube and screw the long tapered part of the fitting into the socket until it seats on the fitting shoulder. Blow out with compressed air to remove any assembly residue.

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100110-BL	14
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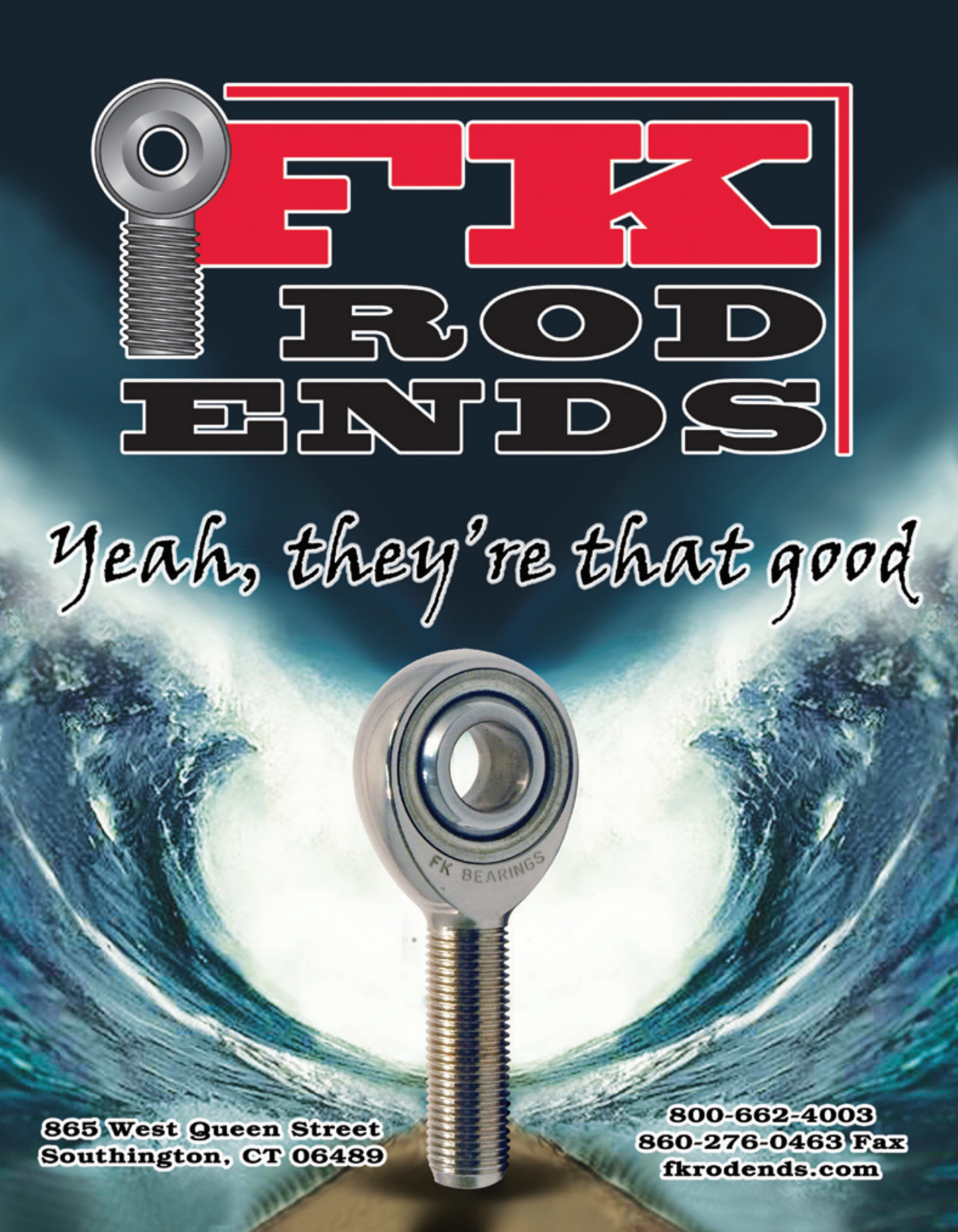
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ABOUT

Fragola
Performance Systems

Our Beginnings

F.F. Screw Products started in 1973 as a job shop in a 1000 square foot building that was run as a part time operation with 1 employee. Within 4 years, it changed to a full time operation with 10 employees. In 1982 after years of doing job shop components for many large companies we decided to start making our own product and FK Bearings was started. At that time we were operating both F.F. Screw Products and FK Bearings in two separate buildings that were approximately 36,000 square feet combined. In 1999 after talking to many of our customers who kept inquiring why we didn't manufacture fittings for the racing industry, Fragola Performance Systems came about.

We are now housed in a 80,000 square foot building with 35 employees, while our sister company F.K. Bearings is across the street with their own 80,000 square foot building with 55 employees.

The Fragola Family

All of the companies are owned and operated by the Fragola family. Frank, Mickey, Maria, Al & Debbie have grown up in the business and have worked in every department in the factories. We are now starting on the 3rd generation of the family, as the grandchildren are learning the business as well.

Our Goal

Our goal has been to make quality products offered at the best possible price with 100% on time deliveries. Because we are family owned we take pride in our companies and strive to be the best we can be. All of our products, (except for forgings) are manufactured in our facilities in Southington, Connecticut USA. We are continually improving our manufacturing process which includes adding additional automation to keep up with product demands and with the cost of offshore competitors.

Fragola Performance Systems
888 West Queen Street
Southington, CT 06489

(866) 337-2739
(860) 621-1431 fax

Fragolaperformancesystems.com
Sales: franco@fragolaperformancesystems.com