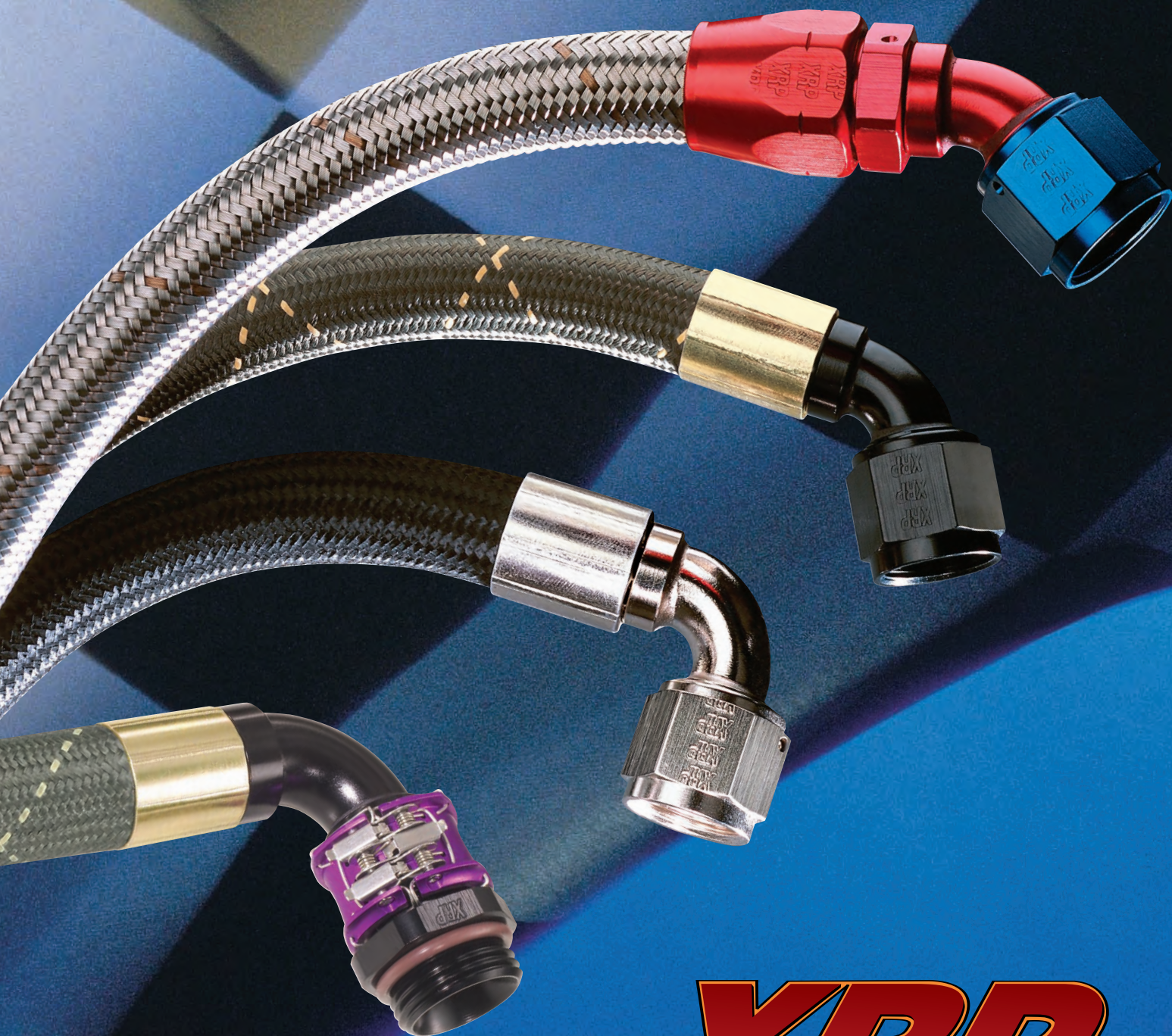


*BETTER PLUMBING. BETTER PERFORMANCE.*  
**Get the ConneXion.**



**XRP**<sup>®</sup>

*THE XTREME IN RACECAR PLUMBING*

# Better Plumbing.



BRAIDED  
STAINLESS STEEL  
CPE HOSE  
Superior adhesion  
Xtra strong  
inner textile



HS-79 SMOOTH-BORE  
TEFLON HOSE  
Super lightweight...Tight bend radius  
High hoop strength...Superior flow  
High vacuum/High temperature rated  
4-ply construction



HS-79 HOSE WITH HYPALON  
Abrasion-resistant outer coating

**Since 1989**, XRP has earned a reputation for manufacturing and supplying “aerospace quality” or better products to the performance racing industry. A strong working relationship with leading professional motorsports teams has led to the development of many innovative products. XRP’s in-house state-of-the-art manufacturing capabilities are known in the industry for a rapid response in developing special items to solve an immediate need, often overnight! An extensive inventory and knowledgeable staff assures quick order processing and on-time deliveries. When you’re after the finest, most advanced fluid delivery for a racecar, street machine, or 4x4, you want XRP--the Xtreme in Racecar Plumbing.

# Better Performance.

# Get the ConneXion.

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## TOP QUALITY CARBURETOR KITS

Demon, Holley,  
Braswell & QFT  
Forged & Swept Tube

## DOUBLE SWIVEL TRIPLED SEALED HOSE ENDS

Patented Design  
Aerospace Approved  
Dual Angled Seats

## AIRCRAFT GRADE ADAPTERS

Huge Selection  
Xtra Large Internal Radius  
and Contoured Entrances  
Improved Laminar Flow

## CLAMSHELL STYLE QUICK DISCONNECT COUPLINGS

Versatile. Smart.  
Fast. Secure.



# STAINLESS STEEL BRAIDED CPE RACE HOSE

**STAINLESS STEEL CPE HOSE** - Stainless steel outer braid provides durability and heat resistance. Scientific elastomer, chlorinated polyethylene (CPE) inner tube provides broad race fluid compatibility. This hose is known for its superior outer braid adhesion, making it easy to assemble. Beware of lesser quality hose with poor adhesion or weaker textile inner braid!



SIZE	HOSE I.D.	BULK HOSE • (specify length)	CUT TO EXACT LENGTH AND PRE-PACKAGED IN RETAIL BOX **SEE NOTE BELOW				
			3 FT.	6 FT.	10 FT.	15 FT.	20 FT.
4	7/32"	300004	300304	300604	301004	301504	302004
6	11/32"	300006	300306	300606	301006	301506	302006
8	7/16"	300008	300308	300608	301008	301508	302008
10	9/16"	300010	300310	300610	301010	301510	302010
12	11/16"	300012	300312	300612	301012	301512	302012
16	7/8"	300016	300316	300616	301016	301516	302016
20	1-1/8"	300020	300320	300620	301020	301520	302020
24	1-3/8"	300024	300324	300624	301024	301524	302024
28	1-1/2"	300028	300328	300628	301028	301528	302028
32	1-3/4"	300032	300332	300632	301032	301532	302032

## TECHNICAL SPECIFICATIONS - Temperature Range: -40° F to +300°F

SIZE	HOSE I.D. INCHES	HOSE O.D. INCHES	MAX OPERATING PRESSURE (PSI) *	BURST PRESSURE (PSI)	WEIGHT FT./LBS.	MINIMUM BEND RADIUS IN INCHES
4	0.219	0.438	1500	6000	0.12	2.00
6	0.344	0.547	1500	6000	0.15	2.50
8	0.438	0.641	1250	5000	0.18	3.50
10	0.562	0.797	1250	5000	0.23	4.00
12	0.688	0.928	1000	4000	0.28	4.50
16	0.875	1.156	750	3000	0.40	5.50
20	1.125	1.437	500	2000	0.61	8.00
24	1.375	1.703	250	1000	0.78	9.00
28	1.500	1.704	250	1000	0.83	11.00
32	1.750	2.094	200	800	1.02	12.50

\*Maximum operating pressure when used with XRP Hose Ends or those conforming to MIL-F-83798A.

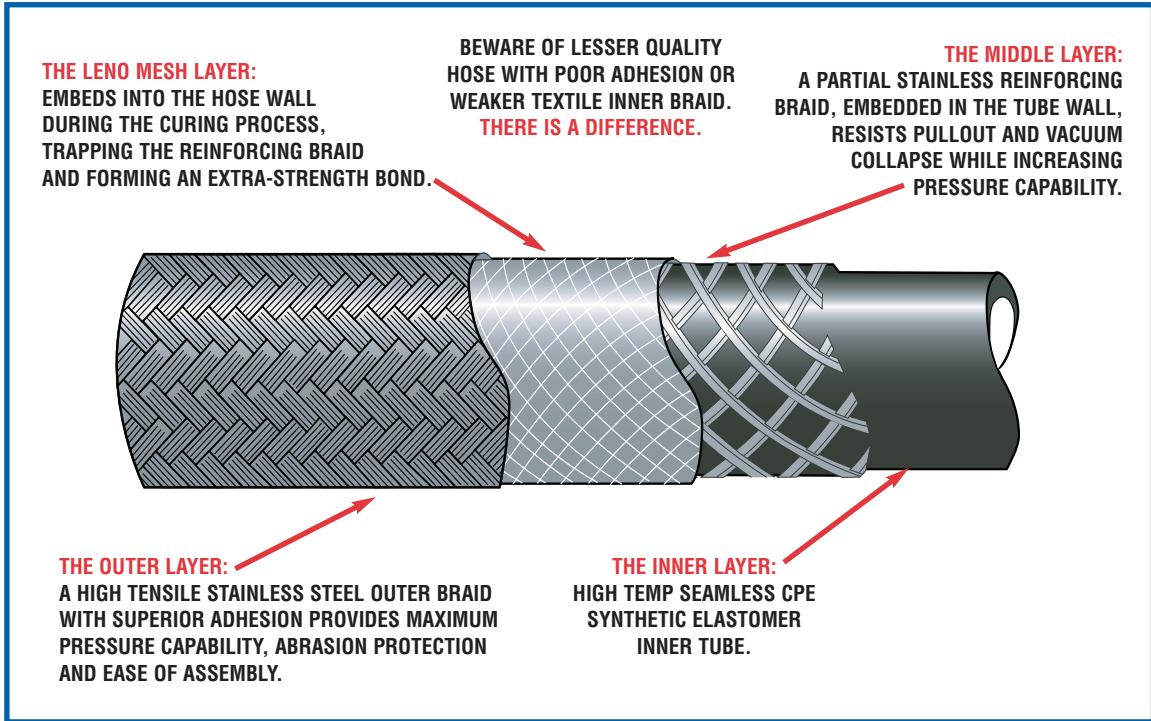
Stainless steel braided CPE hose does not meet the SAE marine specifications for Coast Guard approval and should not be used for marine applications other than racing. This hose is not for power steering, hydraulic impulse applications or compatible with brake fluid.

• Bulk hose lengths may be slightly over or under length specified. See bulk hose shipping length patterns on price sheet or on page 73 of this catalog.

\*\*NOTE: Pricing for pre-packaged hose includes an additional packaging charge.

**SEE PAGE 65 FOR COMPLETE ASSEMBLY INSTRUCTIONS.**

# XRP STAINLESS STEEL CPE RACE HOSE 4-PLY CONSTRUCTION



## FLAT WOUND INTERNAL SUPPORT COIL

Available in several popular sizes, our Flat Wound Internal Support Coil can be used with Stainless Steel CPE Hose or our Push-On Hose. It provides extra support for the most demanding high vacuum applications. Excellent for modern dry sump systems. Support Coil is sold by the foot. Please specify length when ordering.



PART NO.	SIZE	DESCRIPTION
310008	8 ss	.44" O.D.
310010	10 ss	.60" O.D.
310012	12 ss	.73" O.D.
310014	12 HS-79	.875" O.D.
310016	16 ss	.94" O.D.
310020	-16 HS-79 or -20 ss	1.190" O.D.

## HOSE CUT-OFF BRACKET AND BLADE

The secret to easy hose assembly! No tape! No fraying! This innovative bracket adapts a customer supplied circular handsaw to make the perfect hose cut off machine. Using the special 7" toothless cut off blade, the hose can be cut fast, square and clean. No excess dirty rubber, as with abrasive wheel cutting. No fraying, as with a hacksaw or shear. The bracket's steel pins arc the hose to allow the blade to cut cleanly through, without pinching the blade. Great for all hose types, including Stainless Steel Braided, Teflon, Push-On, and HS-79.

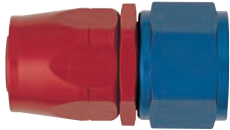


PART NO.	DESCRIPTION
329002	Cut-Off Bracket (circular saw not included)
329003	Cut-Off Blade (sold separately)

# PERFORMANCE NON-SWIVEL HOSE ENDS

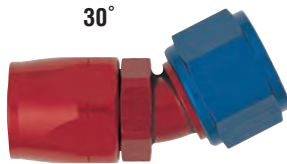
XRP Performance Hose Ends are designed with the aviation nipple and cutter design, to prevent blow off and leakage problems that can be encountered by other styles of hose ends when assembled with stainless steel braided hose. To many top race teams, no other style is acceptable. XRP Performance Hose Ends are manufactured from specially heat treated 2024-T851 aluminum per QQA-225/6 and 6061-T651 aluminum per QQA-225/8 as specified for these hose fittings. Manufactured in our own facility and subjected to strict quality controls at various phases of their production, every XRP Performance Hose End is race-ready when it reaches our customers. All hose ends are aluminum unless otherwise noted. All hose ends are JIC 37°. Hose assemblies consisting of two angled non-swivel hose ends must be orientated to the correct angular position during hose assembly. Double swivel hose ends allow for angular orientation after hose assembly.

## STRAIGHT



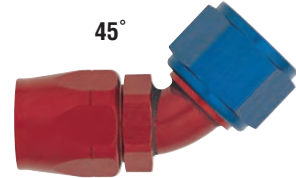
ANODIZED	SUPER NICKEL	SIZE
130004 (Steel)	-	4
100004	100004SN	4
100006	100006SN	6
100008	100008SN	8
100010	100010SN	10
100012	100012SN	12
100016	100016SN	16
100020	100020SN	20
100013	100013SN	12 hose to 16 nut
100017	100017SN	16 hose to 12 nut

## 30°



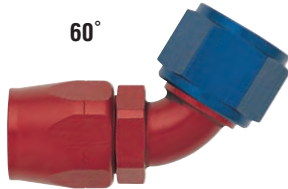
PART NO.	SIZE
133004 (Steel)	4
103004	4
103006	6
103008	8
103010	10
103012	12
103016	16
103020	20

## 45°



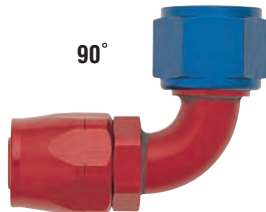
PART NO.	SIZE
134504 (Steel)	4
104504	4
104506	6
104508	8
104510	10
104512	12
104516	16
104520	20

## 60°



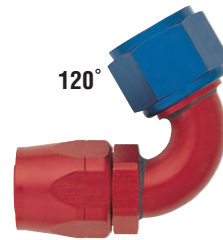
PART NO.	SIZE
136004 (Steel)	4
106004	4
106006	6
106008	8
106010	10
106012	12
106016	16
106020	20

## 90°



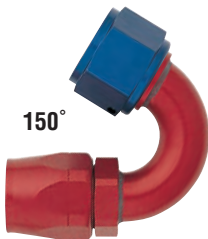
PART NO.	SIZE
139004 (Steel)	4
109004	4
109006	6
109008	8
109010	10
109012	12
109016	16
109020	20

## 120°



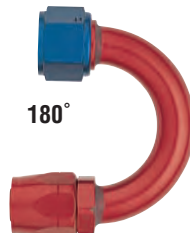
PART NO.	SIZE
131204 (Steel)	4
112004	4
112006	6
112008	8
112010	10
112012	12
112016	16
112020	20

## 150°



PART NO.	SIZE
131504 (Steel)	4
115004	4
115006	6
115008	8
115010	10
115012	12
115016	16
115020	20

## 180°



PART NO.	SIZE
131804 (Steel)	4
118004	4
118006	6
118008	8
118010	10
118012	12
118016	16
118020	20

## STRAIGHT

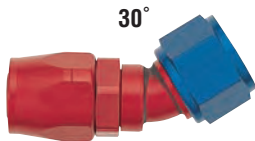
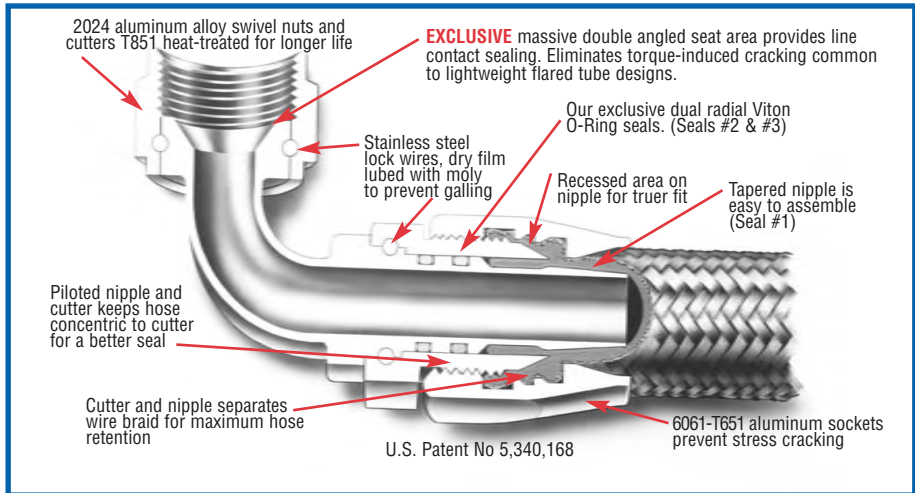


**ALSO AVAILABLE  
IN SUPER NICKEL FINISH**

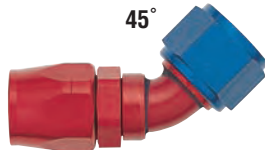
SEE PAGE 65 FOR COMPLETE ASSEMBLY INSTRUCTIONS.

# DOUBLE SWIVEL, TRIPLE SEALED HOSE ENDS

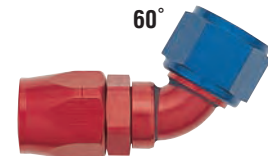
Patented aviation-style nipple and cutter design, to prevent blow off and leakage. Triple sealed. Design allows for full angular positioning after assembly. Available in anodized aluminum and super nickel finish. **SIMPLY THE BEST.** These fittings feature the latest in racing plumbing. All hose ends are JIC 37°. Custom ends and metrics are available. Call for details.



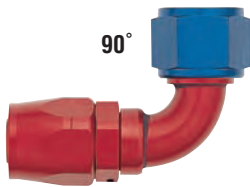
PART NO.	SIZE
203006	6
203008	8
203010	10
203012	12
203016	16
203020	20



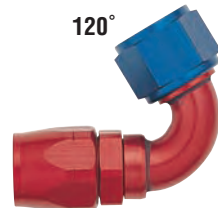
ANODIZED	SUPER NICKEL	SIZE
204506	204506SN	6
204508	204508SN	8
204510	204510SN	10
204512	204512SN	12
204516	204516SN	16
204520	204520SN	20
204513	204513SN	12 hose to 16 nut
204517	204517SN	16 hose to 12 nut



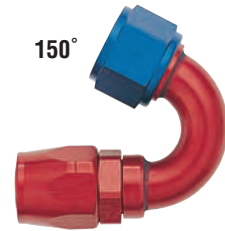
PART NO.	SIZE
206006	6
206008	8
206010	10
206012	12
206016	16
206020	20



ANODIZED	SUPER NICKEL	SIZE
209006	209006SN	6
209008	209008SN	8
209010	209010SN	10
209012	209012SN	12
209016	209016SN	16
209020	209020SN	20
209013	209013SN	12 hose to 16 nut
209017	209017SN	16 hose to 12 nut



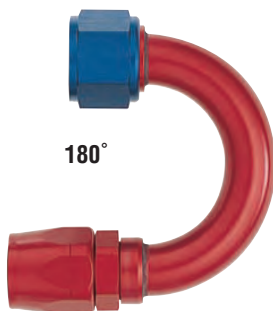
PART NO.	SIZE
212006	6
212008	8
212010	10
212012	12
212016	16
212020	20



PART NO.	SIZE
215006	6
215008	8
215010	10
215012	12
215016	16
215020	20

PART NO.	SIZE
218006	6
218008	8
218010	10
218012 (Std)	12*
218512 (Short)	12*
218016	16
218020	20

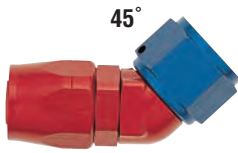
\* Standard radius is 1-1/2" Short radius is 1"



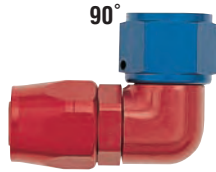
**ALSO AVAILABLE  
IN SUPER NICKEL  
FINISH**

SEE PAGE 65 FOR COMPLETE ASSEMBLY INSTRUCTIONS.

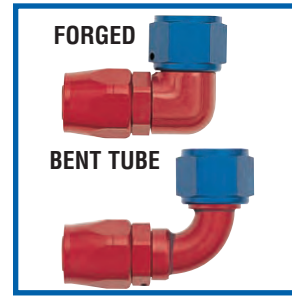
# DOUBLE SWIVEL, TRIPLE SEALED - Forged



PART NO.	SIZE
204606	6
204608	8
204610	10
204612	12
204616	16
204620	20



PART NO.	SIZE
209106	6
209108	8
209110	10
209112	12
209116	16
209120	20



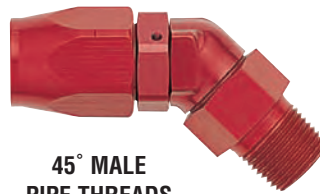
Length Comparison  
Forged vs. Bent Tube

To compliment our Double Swivel line, Double Swivel Male Adapter Hose Ends are designed to allow the hose end to be threaded directly into a female port without the bulk and complication of an adapter fitting. Male ends are double O-ring sealed.



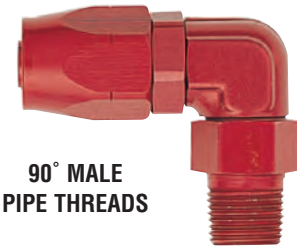
STRAIGHT MALE  
PIPE THREADS

PART NO.	SIZE	THREAD SIZE
280162	6	1/8 NPT
280106	6	1/4 NPT
280166	6	3/8 NPT
280107	8	1/4 NPT
280108	8	3/8 NPT
280188	8	1/2 NPT
280111	10	3/8 NPT
280110	10	1/2 NPT
280113	12	1/2 NPT
280112	12	3/4 NPT



45° MALE  
PIPE THREADS

PART NO.	SIZE	THREAD SIZE
284562	6	1/8 NPT
284506	6	1/4 NPT
284566	6	3/8 NPT
284507	8	1/4 NPT
284508	8	3/8 NPT
284588	8	1/2 NPT
284511	10	3/8 NPT
284510	10	1/2 NPT
284513	12	1/2 NPT
284512	12	3/4 NPT



90° MALE  
PIPE THREADS

PART NO.	SIZE	THREAD SIZE
289062	6	1/8 NPT
289006	6	1/4 NPT
289066	6	3/8 NPT
289007	8	1/4 NPT
289008	8	3/8 NPT
289088	8	1/2 NPT
289011	10	3/8 NPT
289010	10	1/2 NPT
289013	12	1/2 NPT
289012	12	3/4 NPT



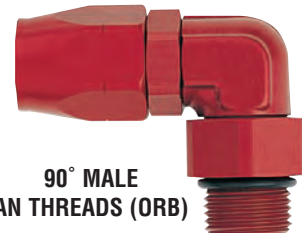
STRAIGHT MALE  
AN THREADS

PART NO.	SIZE	THREAD SIZE
290106	6	9/16-18 AN 6
290108	8	3/4-16 AN 8
290110	10	7/8-14 AN 10
290112	12	1-1/16-12 AN 12



45° MALE  
AN THREADS (ORB)

PART NO.	SIZE	THREAD SIZE
294564	6	7/16-20 AN 4
294565	6	1/2-20 AN 5
294506	6	9/16-18 AN 6
294568	6	3/4-16 AN 8
294586	8	9/16-18 AN 6
294508	8	3/4-16 AN 8
294581	8	7/8-14 AN 10
294509	10	3/4-16 AN 8
294510	10	7/8-14 AN 10
294511	10	1-1/16-12 AN 12
294513	12	7/8-14 AN 10
294512	12	1-1/16-12 AN 12



90° MALE  
AN THREADS (ORB)

PART NO.	SIZE	THREAD SIZE
299064	6	7/16-20 AN 4
299065	6	1/2-20 AN 5
299006	6	9/16-18 AN 6
299068	6	3/4-16 AN 8
299086	8	9/16-18 AN 6
299008	8	3/4-16 AN 8
299081	8	7/8-14 AN 10
299009	10	3/4-16 AN 8
299010	10	7/8-14 AN 10
299011	10	1-1/16-12 AN 12
299013	12	7/8-14 AN 10
299012	12	1-1/16-12 AN 12

LOOKING FOR DOUBLE SWIVEL  
TRIPLE SEALED FITTINGS  
FOR SETRAB OIL COOLERS?  
SEE PAGE 62.

# XRP PUSH-ON HOSE - Blue or Black

XRP Push-On Hose is constructed of CPE\* elastomer tube, textile braid reinforced with CPE elastomer cover. **Maximum operating pressure is 250 PSI.** Applications for this hose are gasoline, fuel, lubricating oils, air and water. Sold in bulk in any length or in packaged precut lengths.



Shown with XRP Ensure Clamps for severe race use and high temp applications.

SIZE	HOSE I.D.	BULK HOSE* (Specify Length)	CUT TO EXACT LENGTH AND PRE-PACKAGED IN RETAIL BOX **SEE NOTE BELOW				
			3 FT.	6FT.	10 FT.	15 FT.	20FT.
4	1/4"	340004	340304	340604	341004	341504	342004
6	3/8"	340006	340306	340606	341006	341506	342006
8	1/2"	340008	340308	340608	341008	341508	342008
10	5/8"	340010	340310	340610	341010	341510	342010
12	3/4"	340012	340312	340612	341012	341512	342012

\*CPE=Chlorinated polyethylene - the same compound that is used in our stainless steel braided racing hose.



Shown with Super Nickel Hose Ends.

SIZE	HOSE I.D.	BULK HOSE* (Specify Length)	CUT TO EXACT LENGTH AND PRE-PACKAGED IN RETAIL BOX **SEE NOTE BELOW				
			3 FT.	6FT.	10 FT.	15 FT.	20FT.
4	1/4"	520004	520304	520604	521004	521504	522004
6	3/8"	520006	520306	520606	521006	521506	522006
8	1/2"	520008	520308	520608	521008	521508	522008
10	5/8"	520010	520310	520610	521010	521510	522010
12	3/4"	520012	520312	520612	521012	521512	522012

\*CPE=Chlorinated polyethylene - the same compound that is used in our stainless steel braided racing hose.

## TECHNICAL SPECIFICATIONS - Temperature Range: -40° F to +300° F

SIZE	HOSE I.D. INCHES	HOSE O.D. INCHES	MAX OPERATING PRESSURE (PSI)	BURST PRESSURE (PSI)	WEIGHT FT/LBS	BEND RADIUS INCHES
4	0.250	0.500	250	1000	0.070	3.00
6	0.375	0.620	250	1000	0.107	3.00
8	0.500	0.750	250	1000	0.148	5.00
10	0.625	0.900	250	1000	0.202	6.00
12	0.750	1.030	250	1000	0.242	7.00

## FLAT WOUND INTERNAL SUPPORT COIL



For use with Stainless Steel CPE Hose or our Push-On Hose. Provides extra support for the most demanding high vacuum applications. Excellent for modern dry sump systems. Sold by the foot. Specify length when ordering.

PART NO.	SIZE	DESCRIPTION
310008	8 ss	.44" O.D.
310010	10 ss	.60" O.D.
310012	12 ss	.73" O.D.
310014	12 HS-79	.875" O.D.
310016	16 ss	.94" O.D.
310020	-16 HS-79 or 20 ss	1.190" O.D.

• Bulk hose lengths may be slightly over or under length specified. See bulk hose shipping length patterns on price sheet or on page 73 of this catalog.

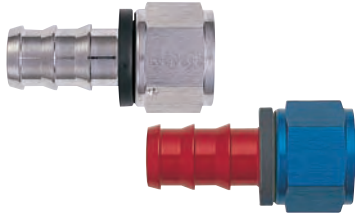
\*\*NOTE: Pricing for pre-packaged hose includes an additional packaging charge.

**SEE PAGE 66 FOR COMPLETE ASSEMBLY INSTRUCTIONS.**

# XRP PUSH-ON HOSE ENDS

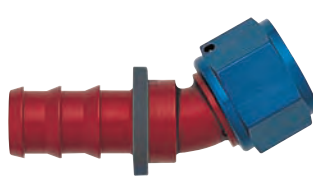
XRP Push-On Hose Ends and Push-On Hose are super lightweight, easy to assemble and provide great performance. Machined from aluminum alloy, these hose ends are ONLY compatible with our Push-On Hose, NOT the Stainless Steel Braided Hose. All hose ends are JIC 37°. Use our Push-On Hose Ensure Clamps for all high temperature & oil line applications.

**STRAIGHT**



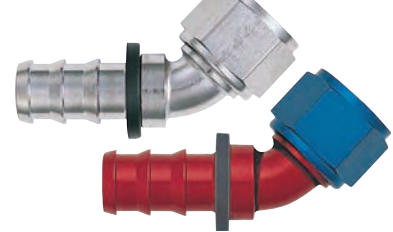
ANODIZED SUPER NICKEL	SIZE
230004	4
230006	6
230008	8
230010	10
230012	12

**30°**



PART NO.	SIZE
233004	4
233006	6
233008	8
233010	10
233012	12

**45°**



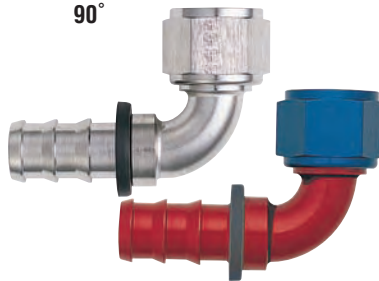
ANODIZED SUPER NICKEL	SIZE
234504	4
234506	6
234508	8
234510	10
234512	12

**60°**



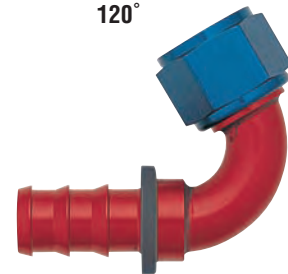
PART NO.	SIZE
236004	4
236006	6
236008	8
236010	10
236012	12

**90°**



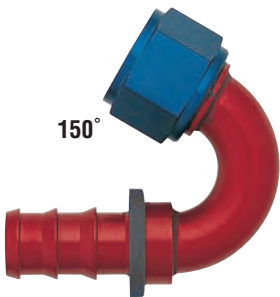
ANODIZED SUPER NICKEL	SIZE
239004	4
239006	6
239008	8
239010	10
239012	12

**120°**



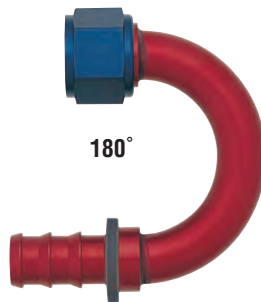
PART NO.	SIZE
231204	4
231206	6
231208	8
231210	10
231212	12

**150°**



PART NO.	SIZE
231504	4
231506	6
231508	8
231510	10
231512	12

**180°**



PART NO.	SIZE
231804	4
231806	6
231808	8
231810	10
231812	12

**FOR SEVERE RACE, HIGH TEMP OR OIL LINE APPLICATIONS, USE XRP ENSURE CLAMPS FOR A POSITIVE SEAL.**

# SPECIAL PUSH-ON HOSE ENDS - Brass & Steel

In addition to our bent tube style Push-On Hose Ends in aluminum alloy, we offer several models in brass and steel. Use our Push-On Hose Ensure Clamps for all high temperature & oil line applications.

## STRAIGHT FEMALE SWIVEL



PART NO.	SIZE
240004	4
240006	6
240068	6 hose to 8 nut
240008	8
240081	8 hose to 10 nut
240010	10
240012	12

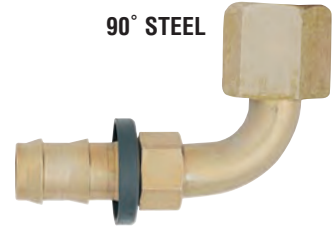
## 45° STEEL



PART NO.	SIZE
244504	4
244506	6
244508	8
244510*	10
244512*	12

\* Call for pricing and availability.

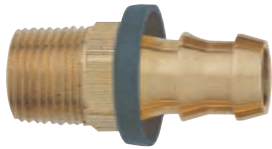
## 90° STEEL



PART NO.	SIZE
249004	4
249006	6
249008	8
249010*	10
249012*	12

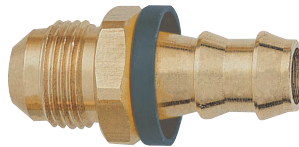
\* Call for pricing and availability.

## STRAIGHT MALE PIPE



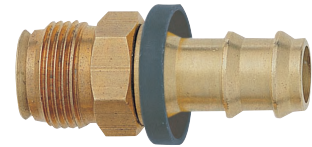
PART NO.	SIZE
260004 (1/8")	4
260044 (1/4")	4
260006 (1/4")	6
260066 (3/8")	6
260008 (3/8")	8
260088 (1/2")	8
260010 (1/2")	10
260012 (3/4")	12

## STRAIGHT 37° MALE FLARE



PART NO.	SIZE
250004	4
250006	6
250008	8
250010	10
250012	12

## STRAIGHT SAE MALE INVERTED FLARE



PART NO.	SIZE
270004 (7/16-20)	4
270006 (5/8-18)	6
270008 (3/4-18)	8
270010 (7/8-18)	10
270012 (1-1/16-12)	12



## XRP PUSH-ON CLAMPS & PLIERS

XRP Push-on Clamps are self-tensioning for severe race and high temp applications. A must for high heat and oil line applications and to ensure a secure seal without damage to the hose construction. For installation and removal of hose clamps, use our specially designed pliers.

PART NO.	SIZE	QTY
818404	4	4
818406	6	4
818408	8	4
818410	10	4
818412	12	4
818000	Pliers	

SEE PAGE 66 FOR COMPLETE ASSEMBLY INSTRUCTIONS.

# XRP HOSE FINISHERS

XRP anodized aluminum hose finishers add cosmetic appeal to your engine. A unique design ensures a secure placement of the worm gear clamp. Made of the finest aluminum alloy, our hose finishers are available in three anodized aluminum colors and our new super nickel finish. Hose finishers are supplied with a stainless steel worm gear clamp pre-installed.

Gold anodized finish available as a custom option only.



HOSE SIZE	I.D.	RED		BLUE		SUPER NICKEL		BLACK	
		HEX	ROUND	HEX	ROUND	HEX	ROUND	HEX	ROUND
4	1/2	550104	-	550204	-	550304	-	550404	-
6	5/8	550106	-	550206	-	550306	-	550406	-
8	11/16	550108	-	550208	-	550308	-	550408	-
10	7/8	550110	-	550210	-	550310	-	550410	-
12	1"	550112	-	550212	-	550312	-	550412	-
14	1-1/8	550114	-	550214	-	550314	-	550414	-
16	1-3/16	550116	-	550216	-	550316	-	550416	-
18*	1-3/8	550118	560118	550218	560218	550318	560318	550418	560418
20*	1-9/16	550120	560120	550220	560220	550320	560320	550420	560420
24*	1-11/16	550124	560124	550224	560224	550324	560324	550424	560424
28*	1-15/16	550128	560128	550228	560228	550328	560328	550428	560428
32*	2-3/16	550132	560132	550232	560232	550332	560332	550432	560432
34**	2-5/16	-	560134	-	560234	-	560334	-	560434
36**	2-3/8	-	560136	-	560236	-	560336	-	560436

\*Hose finishers in sizes 18-32 available hex or round bodied. Sizes 4-16 are hexagonal bodied.

\*\*34 to 36 round only.

# ALUMINUM PIPE TO TUBE ADAPTERS FOR USE WITH STAINLESS STEEL BRAIDED HOSE

These new 850 series pipe to tube adapters from XRP are designed specifically for use with our stainless steel braided CPE racing hose. They are easy to install! No more struggling with fitting the adapter to the inner diameter of stainless steel hoses.



Assembly with Hose Finishers



850

STRAIGHT



854

45°



852

90°

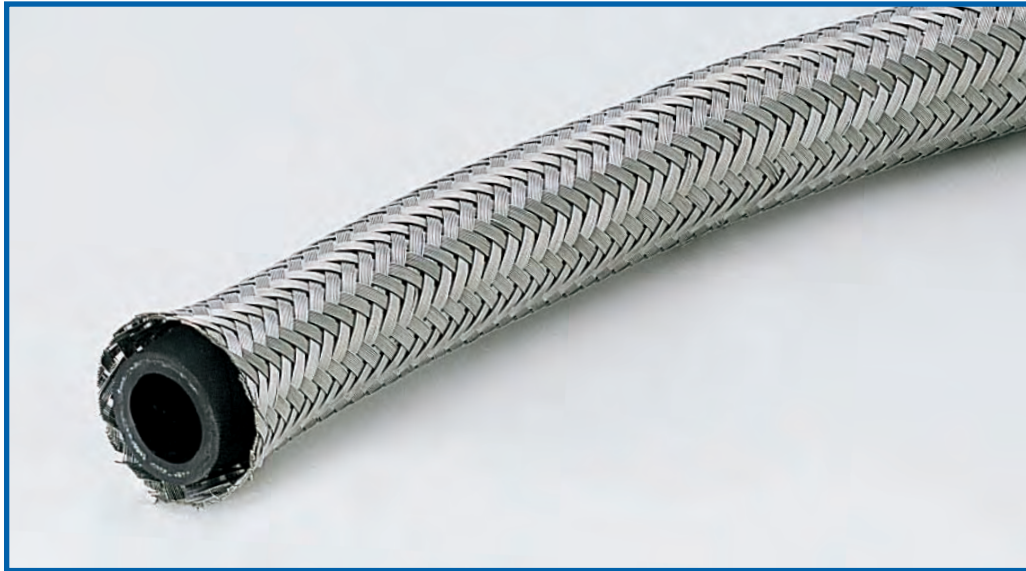
PART NO.	SIZE	PIPE	HOSE I.D.
985004	4	1/8	7/32
985006	6	1/4	11/32
985008	8	3/8	7/16
985010	10	1/2	9/16
985012	12	3/4	11/16
985016	16	3/4	7/8
985017	16	1"	7/8

PART NO.	SIZE	PIPE	HOSE I.D.
985404	4	1/8	7/32
985406	6	1/4	11/32
985408	8	3/8	7/16
985410	10	1/2	9/16
985412	12	3/4	11/16
985416	16	3/4	7/8
985417	16	1"	7/8

PART NO.	SIZE	PIPE	HOSE I.D.
985204	4	1/8	7/32
985206	6	1/4	11/32
985208	8	3/8	7/16
985210	10	1/2	9/16
985212	12	3/4	11/16
985216	16	3/4	7/8
985217	16	1"	7/8

# XRP STAINLESS STEEL OVERBRAID

For use on vacuum lines, fuel lines, radiator hose, heater hose, power steering hose, AC lines or over our popular lightweight Push-On Hose, XRP Stainless Steel Overbraid is versatile and easy to install. Just disconnect the hose you are covering and slide the overbraid over it. Stretch until snug, trim the ends and secure with XRP Hose Finishers. Overbraid provides added abrasion resistance and dress-up styling but does not change the performance characteristics of the hose beneath it.



PART NO.	ACTUAL I.D. SIZE	WILL REDUCE DOWN TO COVER	SUGGESTED APPLICATIONS
533003	3/8"	1/4"	VACUUM LINES, PLUG WIRES
533004	3/4"	3/8"	FUEL LINES, OVERFLOW HOSES, HEATER HOSES
533012	1"	3/4"	HEATER HOSE, POWER STEERING HOSES, AC LINES
533020	1-1/2"	1"	SMALL RADIATOR HOSES
533028	2"	1-1/2"	MEDIUM RADIATOR HOSES
533032	2-1/2"	2"	LARGE RADIATOR HOSES

## HERE'S HOW TO DO IT...



**1** Slide overbraid over the hose and stretch until snug.



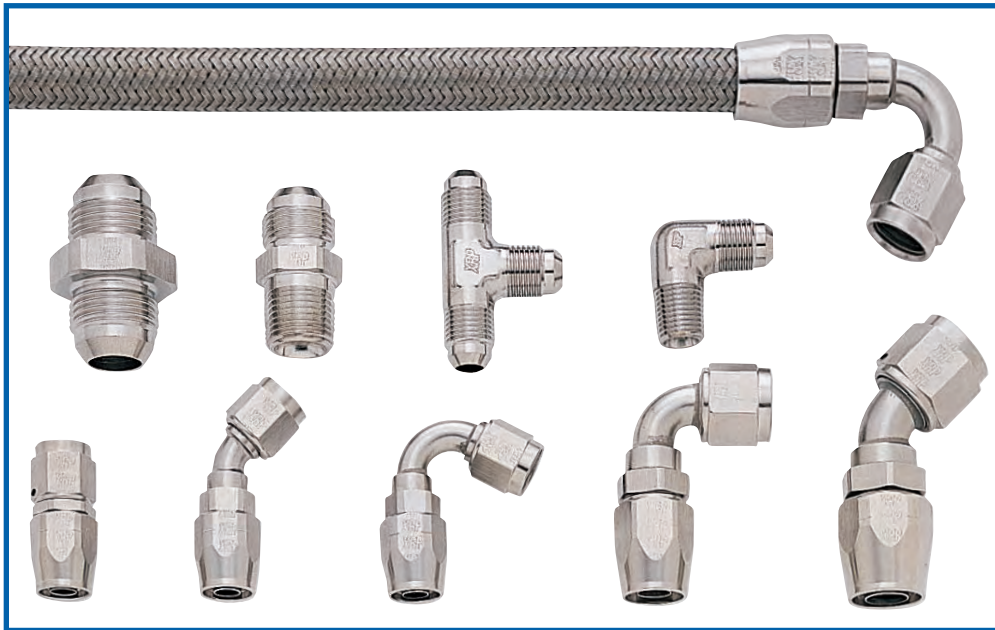
**2** Mark length and cut the ends with tin snips.



**3** Reconnect hose to end fitting and secure with clamp or finisher as desired.

# XRP SUPER NICKEL FINISH

XRP's dazzling new Super Nickel finish gives an elegant modern look for racing vehicles, hot rods, street rods, show cars, and watercraft. Super Nickel has the look of a stainless steel fitting with the economy and weight-saving advantages of aluminum. We use state-of-the-art electroless plating technology to bring you a finish that resists heat and corrosion. These fittings will add polish to your engine compartment for many seasons.



**NEW SUPER NICKEL FINISH HOSE ENDS ARE AVAILABLE FOR ...**

- **PERFORMANCE NON-SWIVEL HOSE ENDS**
- **DOUBLE SWIVEL, TRIPLE SEALED HOSE ENDS**
- **PUSH-ON HOSE ENDS**
- **HS-79 HOSE ENDS**
- **MANY POPULAR ADAPTER FITTINGS**

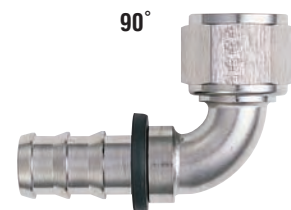
**SEE CATALOG PAGES FOR INDIVIDUAL LISTINGS**

## HOW TO ORDER SUPER NICKEL

When a hose end or fitting is offered in super nickel finish, its listing in the catalog will appear like the one on the right. In other words, we will list both a part number for the anodized aluminum and a part number for the super nickel. There is no difference other than the finish. You will note that the part number is actually identical but the super nickel hose end has the letters SN as the last two characters.

THE SUPER NICKEL FINISH IS AVAILABLE ON MANY FITTINGS BY SPECIAL ORDER. IF YOU DO NOT SEE THE ITEM YOU WANT SHOWN IN THE CATALOG, CALL US FOR INFORMATION.

NOTE: Not for use in salt water or other highly corrosive environments. Nickel and aluminum are dissimilar metals in contact and can become corrosive if subjected to a conductive fluid.



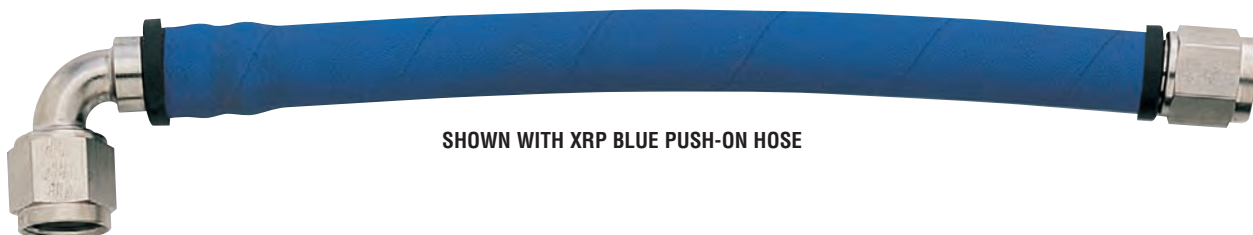
ANODIZED	SUPER NICKEL	SIZE
239004	239004SN	4
239006	239006SN	6
239008	239008SN	8
239010	239010SN	10
239012	239012SN	12

# ***SUPER NICKEL FINISH APPLICATIONS***

Shown below are just a few of the popular combinations for this new exciting look for performance engines. Remember Super Nickel Finish is available for a variety of our hose ends and adapter fittings.



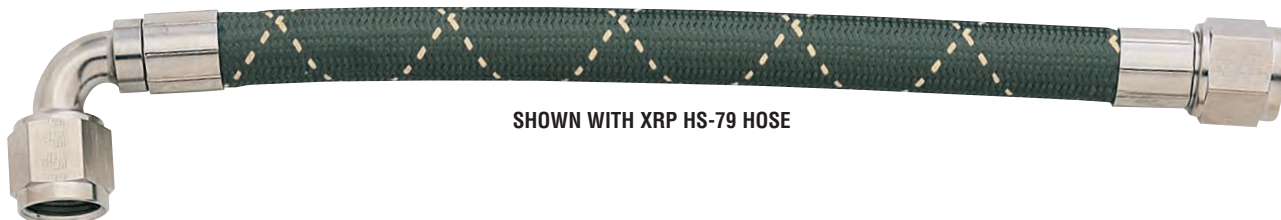
**SHOWN WITH XRP STAINLESS STEEL BRAIDED CPE RACE HOSE**



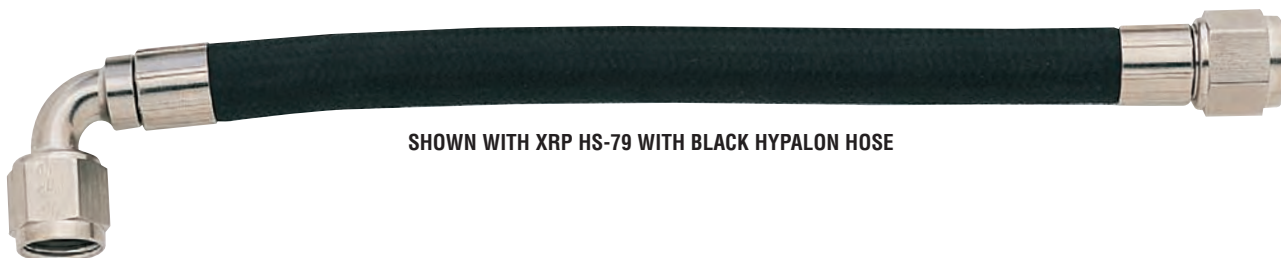
**SHOWN WITH XRP BLUE PUSH-ON HOSE**



**SHOWN WITH XRP BLACK PUSH-ON HOSE**

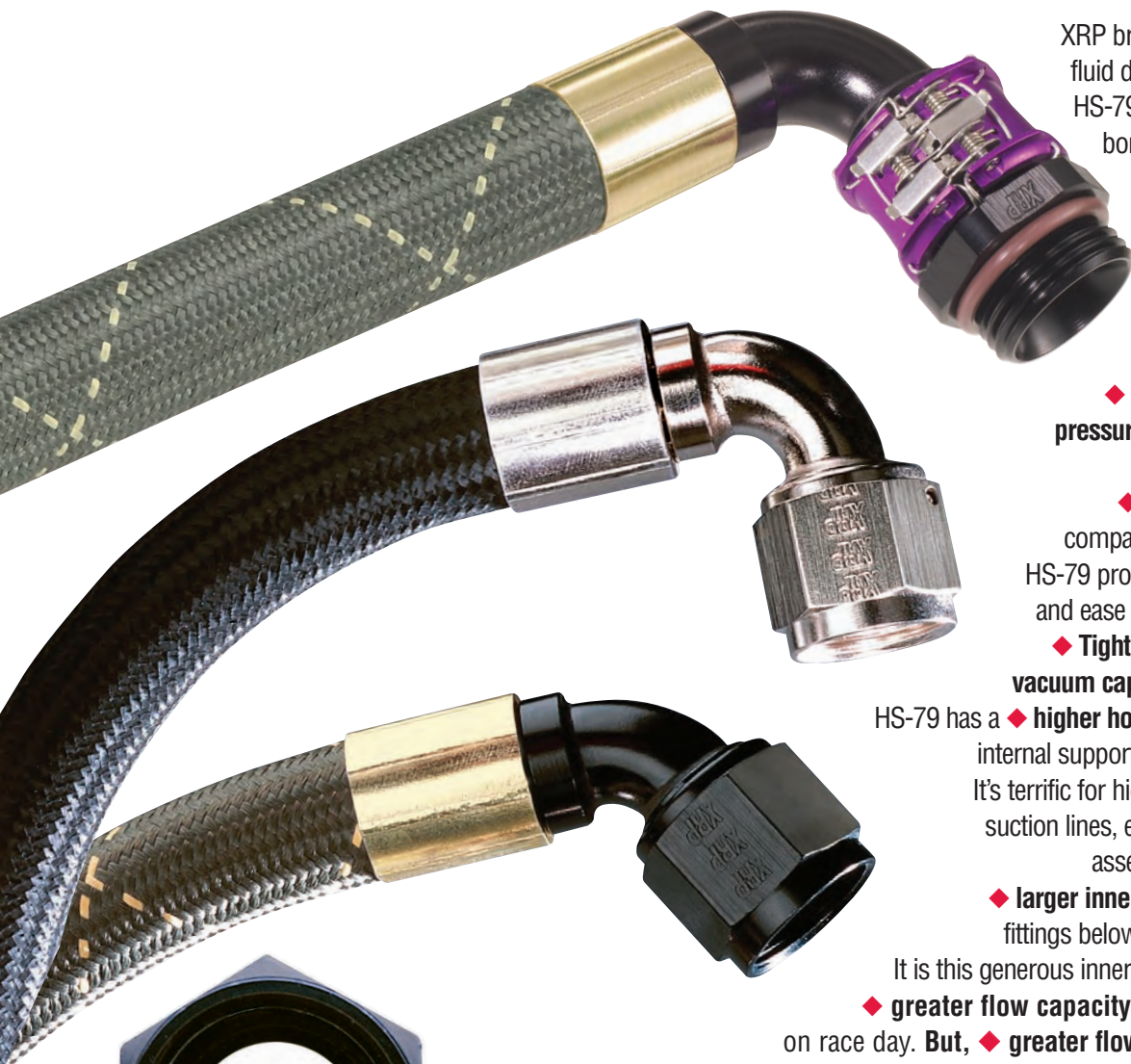


**SHOWN WITH XRP HS-79 HOSE**



**SHOWN WITH XRP HS-79 WITH BLACK HYPALON HOSE**

# HS-79 THE MOST TECHNICALLY ADVANCED HOSE SYSTEM AVAILABLE...PERIOD!



XRP brings true aerospace-quality fluid delivery to motorsports with HS-79 Ultra-Lite flexible smooth-bore Teflon® hose assemblies.

- ◆ **4-ply composite construction** is at the core of HS-79's distinctive list of advantages. HS-79's smooth-bore design offers
- ◆ **extremely high flow rates, pressure and temperature ratings** (-65° to +400° F) and
- ◆ **lower pressure drop** than comparable systems. In addition, HS-79 provides
- ◆ **extreme flexibility** and ease of installation and cleaning.

◆ **Tight bend radius** and ◆ **higher vacuum capacity** are possible because HS-79 has a

- ◆ **higher hoop strength**...without using internal support coils that can restrict flow. It's terrific for high vacuum applications, oil suction lines, etc. Moreover, XRP's HS-79 assemblies feature a noticeably
- ◆ **larger inner diameter**. Look inside the fittings below and compare for yourself.

It is this generous inner diameter that gives HS-79

- ◆ **greater flow capacity and better performance** on race day. **But,** ◆ **greater flow is only part of the story**

**optimizing fluid delivery!** The characteristics of the flow are critically important to the racer as well. HS-79's smooth-bore "non-convoluted" design

- ◆ **eliminates boundary layer entrapment and flow disturbance for performance you can count on!** HS-79 is
- ◆ **compatible with all racing engine fluids**, including gas, alcohol, and nitromethane and
- ◆ **can be assembled with either 37° JIC hose ends or aerospace-style aluminum quick disconnect clamshell couplings.**

The ideal choice for service situations that are time sensitive, you will find our clamshell couplings shown on page 19-20 of this catalog. See individual listings for fittings' sizes and angles. For dimensional, temperature, pressure, and vacuum information, see our charts on page 14.



XRP

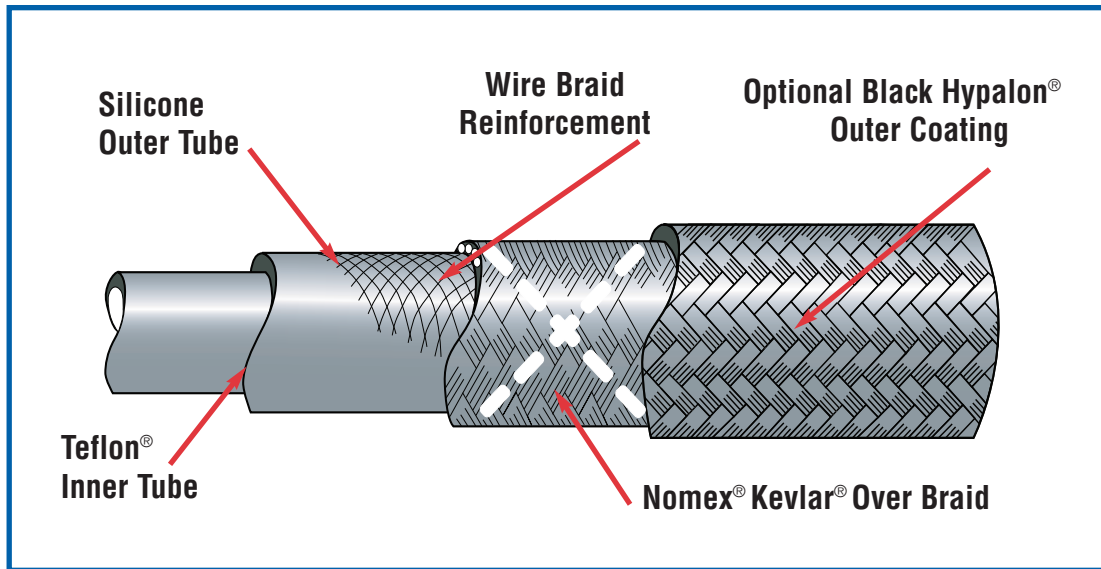


other

Teflon®, Kevlar®, Hypalon® and Nomex® are DuPont trademarks.

*Aerospace Technology Brought To Motorsports*

# AEROSPACE QUALITY 4-PLY CONSTRUCTION!



HS-79 ultra lightweight, flexible, smooth-bore Teflon® hose has a 4-ply composite construction: a Teflon® inner liner, Silicone outer liner, high tensile stainless reinforcing braid and outer braid of Nomex® with Kevlar® traces. HS-79 hose is available with a Hypalon® outer covering as a fifth layer for added resistance against abrasion and ease of cleaning. **Features and benefits include:**

- Radial Seal Allows Hose Ends to be Adjusted for Installation After Assembly
- Crimp Collars Can be Cut and Removed to Allow End Fittings to be Reused
- Superior Flexibility • Weight Savings • Ease of Cleaning • No Necked Down Restrictions
- Large Flow Capacity without the Disturbance or Boundary Layer Entrapment of Convoluted Hoses
  - Great for Oil Suction Lines and High Vacuum Applications
- Inner Teflon® Tube Compatible with All Engine Fluids (Gasoline, Alcohol and Nitromethane)

SPECIFICATIONS FOR HS-79				
SIZE	HOSE I.D.	HOSE O.D.	WEIGHT LBS./FT.	BY THE FOOT (specify length)
4	.250"	.400"	.044	322004
6	.375"	.550"	.074	322006
8	.500"	.680"	.092	322008
10	.625"	.810"	.135	322010
12	.750"	.950"	.161	322012
16	1.000"	1.200"	.221	322016
20	1.250"	1.450"	.325	322020

SPECIFICATIONS FOR HS-79 W/ HYPALON				
SIZE	HOSE I.D.	HOSE O.D.	WEIGHT LBS./FT.	BY THE FOOT (specify length)
4	.250"	.440"	.061	324004
6	.375"	.590"	.093	324006
8	.500"	.720"	.123	324008
10	.625"	.850"	.158	324010
12	.750"	.990"	.198	324012
16	1.000"	1.240"	.264	324016
20	1.250"	1.490"	.370	324020

## TECHNICAL SPECIFICATIONS - TEMPERATURE RANGE: -64°F TO 400°F

SIZE	MAX OPERATING PRESSURE	BURST PRESSURE	HS-79 BEND RADIUS	HS-79 WITH HYPALON BEND RADIUS
4	600 PSI	2400 PSI	.50"	.50"
6	600 PSI	2400 PSI	.75"	.75"
8	600 PSI	2400 PSI	1.00"	1.00"
10	400 PSI	1600 PSI	1.25"	1.25"
12	400 PSI	1600 PSI	1.50"	1.50"
16	200 PSI	800 PSI	2.00"	2.00"
20	100 PSI	400 PSI	5.00"	5.00"

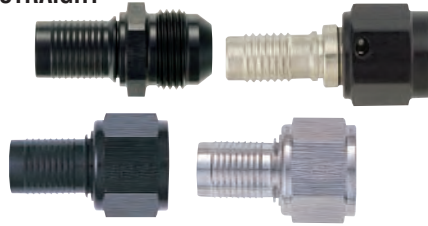
NOTE: HS-79 AND HS-79 WITH HYPALON ARE NOT INTENDED FOR HYDRAULIC IMPULSE OR SUBMERSION APPLICATIONS.

SEE PAGE 68 FOR COMPLETE ASSEMBLY INSTRUCTIONS.

# HS-79 37° JIC HOSE ENDS

XRP's HS-79 Ultra-Lite hose assemblies are available with 37 degree JIC fittings in a choice of finishes. Choose from the popular **black anodized** or our new **SUPER NICKEL FINISH**. Hose ends and crimp collars are sold separately. Crimp collars may be cut and removed. Fittings may be reused.

## STRAIGHT



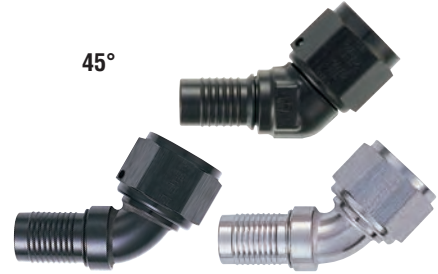
ANODIZED	SUPER NICKEL	SIZE
220043 (steel)	----	3 JIC to 4 hose
220044 (steel)	220044SN	4
220006	220006SN	6
220008	220008SN	8
220010	220010SN	10
220012	220012SN	12
220112	----	12 male flare
220016	220016SN	16
220020	220020SN	20

## 30°



ANODIZED	SIZE
223004	4
223006	6
223008	8
223010	10
223012	12
223016	16
223020	20

## 45°



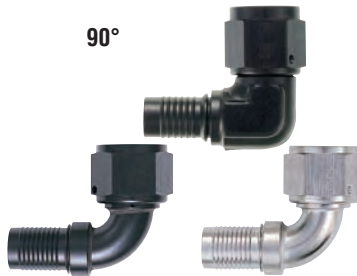
ANOD.	SUPER NICKEL	FORGED	SIZE
224504	224504SN	--	4
224506	224506SN	224606	6
224508	224508SN	224608	8
224510	224510SN	--	10
224512	224512SN	--	12
224516	224516SN	--	16
224520	224520SN	--	20

## 60°



ANODIZED	SIZE
226004	4
226006	6
226008	8
226010	10
226012	12
226016	16
226020	20

## 90°



ANOD.	SUPER NICKEL	FORGED	SIZE
229004	229004SN	--	4
229006	229006SN	229106	6
229008	229008SN	229108	8
229010	229010SN	--	10
229012	229012SN	--	12
229016	229016SN	--	16
229020	229020SN	--	20

## 120°



ANODIZED	SIZE
221204	4
221206	6
221208	8
221210	10
221212	12
221216	16
221220	20

## 150°



ANODIZED	SIZE
221504	4
221506	6
221508	8
221510	10
221512	12
221516	16
221520	20

## 180°



ANODIZED	SIZE
221804	4
221806	6
221808	8
221810	10
221812	12
221816	16
221820	20

## CRIMPER COLLARS FOR HS-79 & HS-79 WITH HYPALON SUPER NICKEL OR GOLD ANODIZED



HS-79		HYPALON		SIZE
ANODIZED	SUPER NICKEL	ANODIZED	SUPER NICKEL	
2255-04	2255-04SN	2270-04	2270-04SN	4
2255-06	2255-06SN	2270-06	2270-06SN	6
2255-08	2255-08SN	2270-08	2270-08SN	8
2255-10	2255-10SN	2270-10	2270-10SN	10
2255-12	2255-12SN	2270-12	2270-12SN	12
2255-16	2255-16SN	2270-16	2270-16SN	16
2255-20	2255-20SN	2270-20	2270-20SN	20

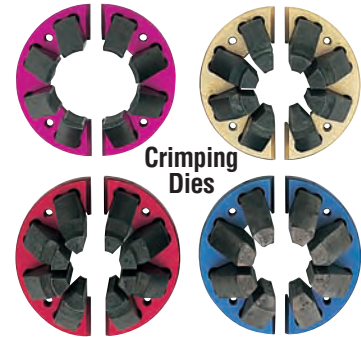
# HS-79 HOSE TOOLS AND ACCESSORIES

## XRP's Crimping Device

A self-contained unit allows field installation of the HS-79 Ultra-Lite hose. Simple to use. Fool-proof installations every time. Carrying case included. Dies sold separately.

**Part No. 329000** with Manual Hand Pump

**Part No. 329100** with Air Over Hydraulic Pump



**Crimping Dies**

Sizes	For HS-79	For HS-79 Hypalon
4	329004	329104
6	329006	329106
8	329008	329108
10	329010	329110
12	329012	329112
16	329016	329116
20	329020	329120



## Cut Off Bracket and Blade

Our unique cutting tool turns any circular saw into a sure-fire way to cut HS-79 hose, cleanly and squarely every time. Works well on Stainless Steel Braided CPE hose.

Circular saw not included.

**Cut-Off Bracket...Part No. 329002**

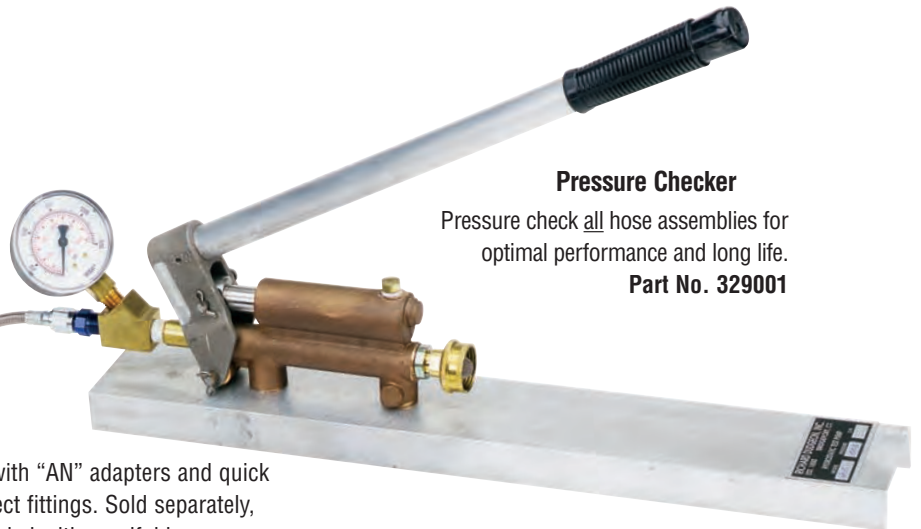
**Cut-Off Blade.....Part No. 329003**

Shown with "AN" adapters and quick disconnect fittings. Sold separately, not included with manifold.

## Pressure Checker

Pressure check all hose assemblies for optimal performance and long life.

**Part No. 329001**



## Pressure Testing Manifold

Handy testing manifold allows you to quickly pressure test various size hose assemblies.

**Part No. 329101**

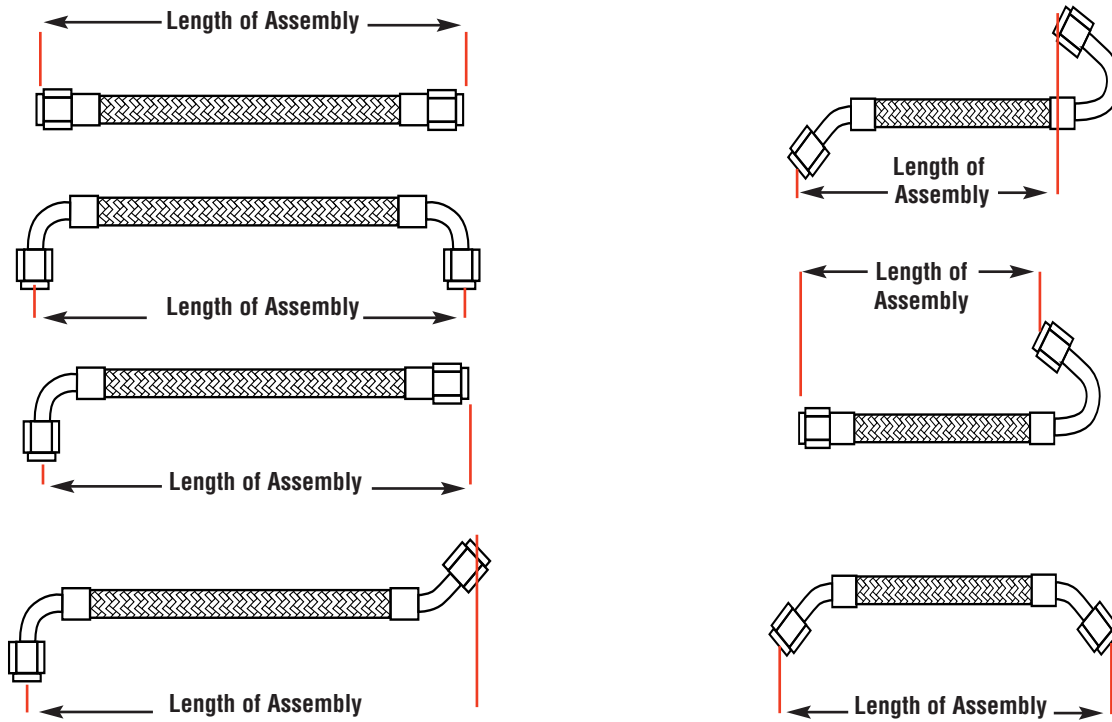


SEE PAGE 68  
FOR COMPLETE ASSEMBLY INSTRUCTIONS.

# ORDERING HS-79 HOSE IN CUSTOM LENGTHS

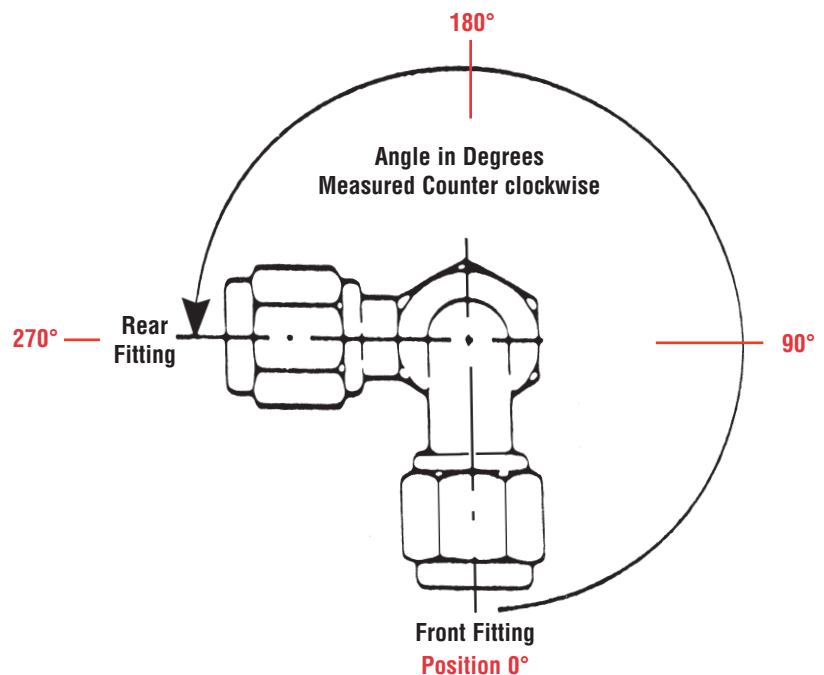
## How To Measure Hose Length

XRP HS-79 Ultra-Lite hose assemblies are sold in 1/8 inch increments. The lengths of assemblies are determined by measuring **from face centerline to face centerline of angular fittings**, and to the **end of face surface to end of face surface for straights**. The diagrams, shown below, are examples of how to measure HS-79 Ultra-Lite hose assemblies precisely. If you need further assistance or have questions, please contact your XRP sales representative for more information.

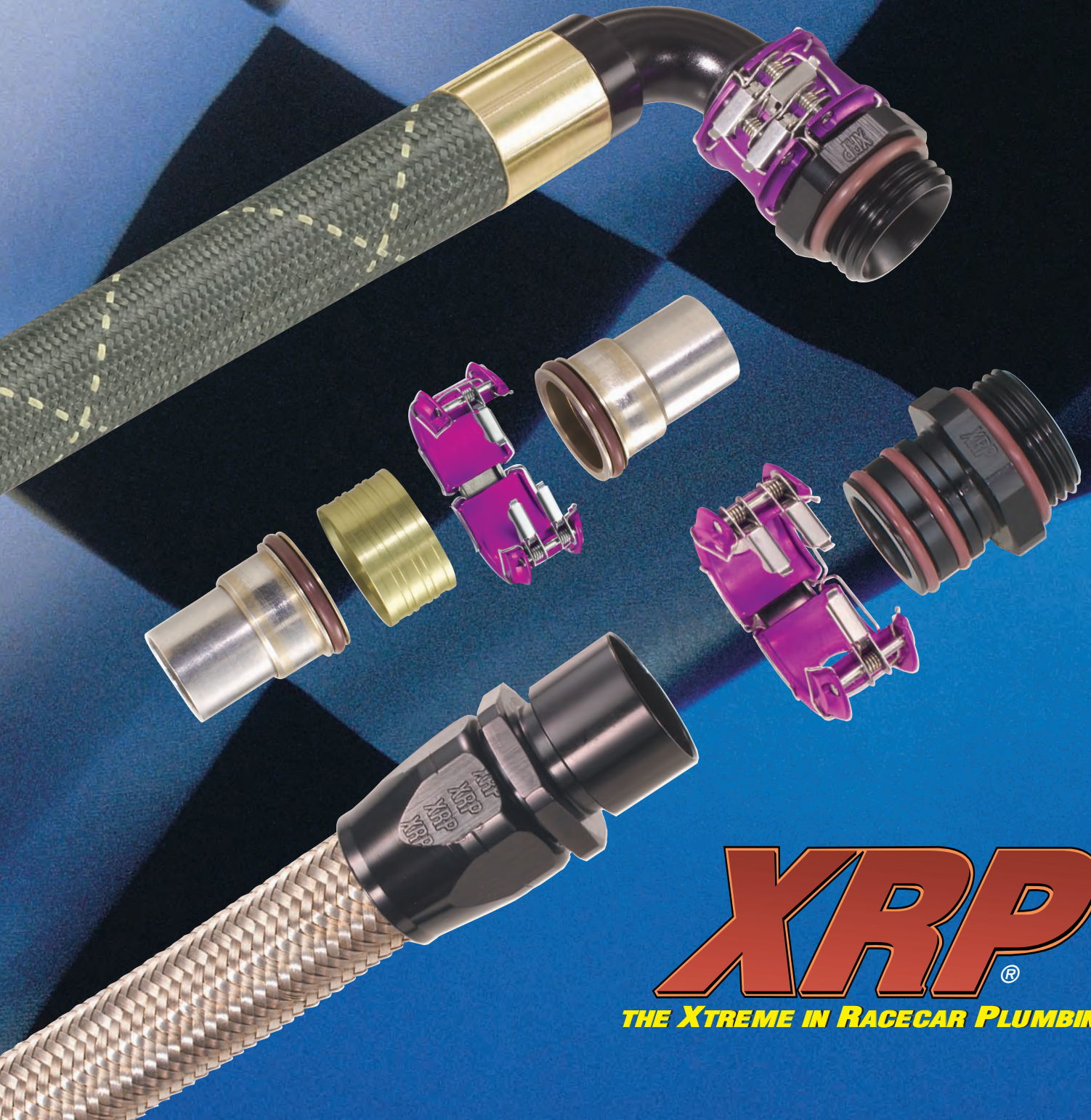


## How To Measure Fitting Angle

To measure the angular rotation of hose fittings, place the fitting nearest you at position 0° (see illustration at right). Measure **counter-clockwise** to the desired position of the rear fitting. If the angle between fittings desired is position 0° to position 0°, specify 000. For example, this illustration shows a 270° angle.



# Clamshell Quick Disconnect Couplings



**XRP**<sup>®</sup>

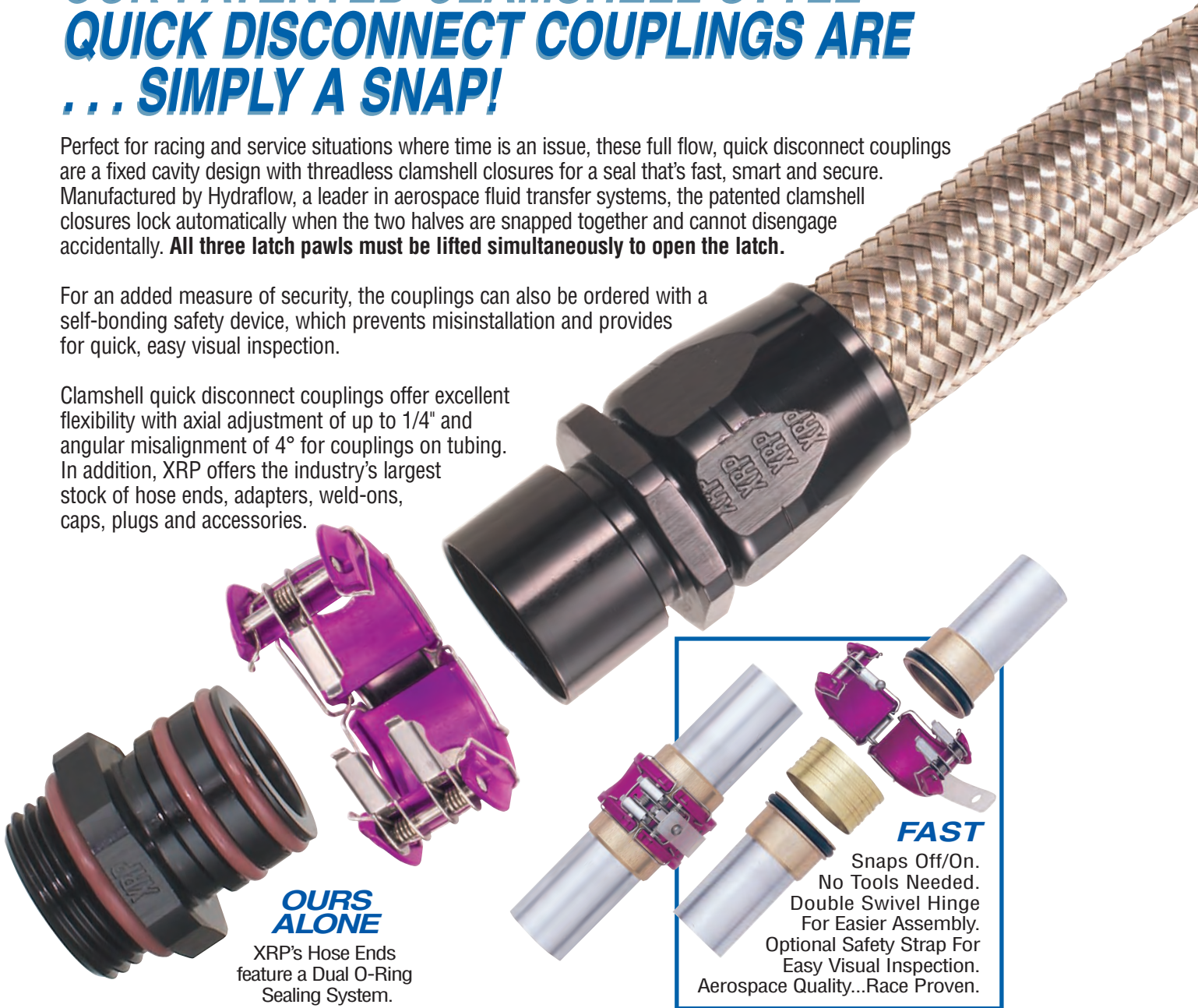
THE XTREME IN RACECAR PLUMBING

# OUR PATENTED CLAMSHELL-STYLE QUICK DISCONNECT COUPLINGS ARE ... SIMPLY A SNAP!

Perfect for racing and service situations where time is an issue, these full flow, quick disconnect couplings are a fixed cavity design with threadless clamshell closures for a seal that's fast, smart and secure. Manufactured by Hydraflow, a leader in aerospace fluid transfer systems, the patented clamshell closures lock automatically when the two halves are snapped together and cannot disengage accidentally. **All three latch pawls must be lifted simultaneously to open the latch.**

For an added measure of security, the couplings can also be ordered with a self-bonding safety device, which prevents misinstallation and provides for quick, easy visual inspection.

Clamshell quick disconnect couplings offer excellent flexibility with axial adjustment of up to 1/4" and angular misalignment of 4° for couplings on tubing. In addition, XRP offers the industry's largest stock of hose ends, adapters, weld-ons, caps, plugs and accessories.



## OURS ALONE

XRP's Hose Ends feature a Dual O-Ring Sealing System.

## FAST

Snaps Off/On. No Tools Needed. Double Swivel Hinge For Easier Assembly. Optional Safety Strap For Easy Visual Inspection. Aerospace Quality...Race Proven.



## SMART

Saves Time, Space, Weight and Headaches. Threadless Fixed Cavity Design. Full Flow - No Restrictions. Double O-Ring Sealing.



## SECURE

Triple-Latch Finger Closure for Flexible, Secure Connections for Stainless Steel, HS-79 Hose or Tube. Axial Tube Movement Up to 1/4" Angularity Up to ± 4°. Interchanges with Wiggins® Style.

® Registered Trademark of Transdigm, Inc.



## VERSATILE

A Huge Selection of Hose Ends, Adapters, Weld-Ons, Caps and Plugs adapt XRP Clamshell Quick Disconnect Couplings to Many Uses.



# DOUBLE-SWIVEL TRIPLE-SEALED HOSE ENDS

Designed exclusively for use with the Clamshell Quick Disconnect Couplers **when assembled with stainless steel braided hose**. Double swivel feature allows for angular positioning after assembly. XRP Performance Hose Ends are designed with the aviation nipple and cutter design, to prevent blow off and leakage problems that can be encountered by other styles of hose ends when assembled with stainless steel braided hose. To many top race teams, no other style is acceptable. Manufactured from heat treated 2024-T851 aluminum per QQA-225/6 specs and 6061-T651 aluminum per QQA-225/8 specs, every XRP Performance Hose End is subjected to strict quality controls and is race-ready when it reaches our customers.

## STRAIGHT



PART NO.	SIZE
100006HC	6 hose to 8 clamshell
100008HC	8
100010HC	10
100012HC	12
100016HC	16
100020HC	20
100025HC	20 hose to 24 clamshell

## 30°



PART NO.	SIZE
203006HC	6 hose to 8 clamshell
203008HC	8
203010HC	10
203012HC	12
203016HC	16
103020HC non-swivel	20
103025HC non-swivel	20 hose to 24 clamshell

## 45°



PART NO.	SIZE
204506HC	6 hose to 8 clamshell
204508HC	8
204510HC	10
204512HC	12
204516HC	16
104520HC non-swivel	20
104525HC non-swivel	20 hose to 24 clamshell

## 60°



PART NO.	SIZE
206006HC	6 hose to 8 clamshell
206008HC	8
206010HC	10
206012HC	12
206016HC	16
106020HC non-swivel	20
106025HC non-swivel	20 hose to 24 clamshell

## 90°



PART NO.	SIZE
209006HC	6 hose to 8 clamshell
209008HC	8
209010HC	10
209012HC	12
209016HC	16
109020HC non-swivel	20
109025HC non-swivel	20 hose to 24 clamshell

## 120°



PART NO.	SIZE
212006HC	6 hose to 8 clamshell
212008HC	8
212010HC	10
212012HC	12
212016HC	16
112020HC non-swivel	20
112025HC non-swivel	20 hose to 24 clamshell

## 150°



PART NO.	SIZE
215006HC	6 hose to 8 clamshell
215008HC	8
215010HC	10
215012HC	12
215016HC	16
115020HC non-swivel	20
115025HC non-swivel	20 hose to 24 clamshell

## 180°



PART NO.	SIZE
218006HC	6 hose to 8 clamshell
218008HC	8
218010HC	10
218012HC	12
218016HC	16
118020HC non-swivel	20
118025HC non-swivel	20 hose to 24 clamshell

Unique Spacer Adapts Our Dual O-Ring Hose Ends For Use On Single O-Ring Flange



PART NO.	SIZE
HCSP-08A	8
HCSP-10A	10
HCSP-12A	12
HCSP-16A	16
HCSP-20A	20
HCSP-24A	24

# HS-79 HOSE ENDS

Designed exclusively for use with the Clamshell Quick Disconnect Couplers **when assembled with our HS-79 hose**. XRP's HS-79 Ultra-Lite hose assemblies are also available with 37 degree JIC fittings. Hose ends and crimp collars are sold separately. Crimp collars may be cut and removed. Fittings may be reused.

## STRAIGHT



PART NO.	SIZE
220006HC	6 hose to 8 clamshell
220008HC	8
220010HC	10
220012HC	12
220016HC	16
220020HC	20
220025HC	20 hose to 24 clamshell

## 30°



PART NO.	SIZE
223006HC	6 hose to 8 clamshell
223008HC	8
223010HC	10
223012HC	12
223016HC	16
223020HC	20
223025HC	20 hose to 24 clamshell

## 45°



Forged ends available for 45°.

PART NO.	SIZE
224506HC	6 hose to 8 clamshell
224508HC	8
224510HC	10
224512HC	12
224516HC	16
224520HC	20
224525HC	20 hose to 24 clamshell

## 60°



PART NO.	SIZE
226006HC	6 hose to 8 clamshell
226008HC	8
226010HC	10
226012HC	12
226016HC	16
226020HC	20
226025HC	20 hose to 24 clamshell

## 90°



Forged ends available for 90°.

PART NO.	SIZE
229006HC	6 hose to 8 clamshell
229008HC	8
229010HC	10
229012HC	12
229016HC	16
229020HC	20
229025HC	20 hose to 24 clamshell

## 120°



PART NO.	SIZE
221206HC	6 hose to 8 clamshell
221208HC	8
221210HC	10
221212HC	12
221216HC	16
221220HC	20
221225HC	20 hose to 24 clamshell

## 150°



PART NO.	SIZE
221506HC	6 hose to 8 clamshell
221508HC	8
221510HC	10
221512HC	12
221516HC	16
221520HC	20
221525HC	20 hose to 24 clamshell

## 180°



PART NO.	SIZE
221806HC	6 hose to 8 clamshell
221808HC	8
221810HC	10
221812HC	12
221816HC	16
221820HC	20
221825HC	20 hose to 24 clamshell

## Crimp Collars For HS-79 & HS-79 With Hypalon



HS-79 PART NO.	HYPALON PART NO.	SIZE
2255-06	2270-06	6
2255-08	2270-08	8
2255-10	2270-10	10
2255-12	2270-12	12
2255-16	2270-16	16
2255-20	2270-20	20

**NOTE: XRP HOSE ENDS ARE DESIGNED TO BE USED WITH XRP DUAL O-RING ADAPTERS AND FLANGES. OUR HCSP SPACERS, SHOWN ON PAGE 21, ALLOWS XRP DUAL O-RING HOSE ENDS TO BE USED WITH SINGLE O-RING FLANGES**

# O-RING BOSS FITTINGS

## CLAMSHELL TO O-RING BOSS FITTINGS - HIGH FLOW CONTOURED ORB



CLAMSHELL SIZE	AN PORT ORB	STRAIGHT	STANDARD 45°	STANDARD 90°	LOW PROFILE 45°	LOW PROFILE 90°	SWIVEL 45°	SWIVEL 90°	SWEPT TUBE 45°	SWEPT TUBE 90°
8	6	980086HC	984586HC	989086HC	984686HC	989186HC	964586HC	969086HC	954586HC	959086HC
8	8	980008HC	984508HC	989008HC	984608HC	989108HC	964508HC	969008HC	954508HC	959008HC
8	10	980081HC	984581HC	989081HC	984681HC	989181HC	964581HC	969081HC	954581HC	959081HC
10	8	980009HC	984509HC	989009HC	984609HC	989109HC	964509HC	969009HC	954509HC	959009HC
10	10	980010HC	984510HC	989010HC	984610HC	989110HC	964510HC	969010HC	954510HC	959010HC
10	12	980011HC	984511HC	989011HC	984611HC	989111HC	964511HC	969011HC	954511HC	959011HC
12	10	980013HC	984513HC	989013HC	984613HC	989113HC	964513HC	969013HC	954513HC	959013HC
12	12	980012HC	984512HC	989012HC	984612HC	989112HC	964512HC	969012HC	954512HC	959012HC
16	12	980014HC	984514HC	989014HC	984614HC	989114HC	964514HC	969014HC	954514HC	959014HC
16	16	980016HC	984516HC	989016HC	984616HC	989116HC	964516HC	969016HC	954516HC	959016HC
16	20	980018HC	984518HC	989018HC	984618HC	989118HC	964518HC	969018HC	954518HC	959018HC
20	20	980020HC	984520HC	989020HC	984620HC	989120HC	964520HC	969020HC	954520HC	959020HC

Viton O-Rings included. NOTE: If using nitro-methane or alcohol, specify EPR O-Rings. Call for Technical Information.

## ADAPTERS

### CLAMSHELL TO MALE PIPE ADAPTERS



CLAMSHELL SIZE	PIPE SIZE	STRAIGHT
8	1/4	981607HC
8	3/8	981608HC
8	1/2	981688HC
8	3/4	981609HC
10	3/8	981611HC
10	1/2	981610HC
10	3/4	981613HC
12	1/2	981614HC
12	3/4	981612HC
12	1"	981615HC
16	3/4	981617HC
16	1"	981616HC
20	1"	981621HC
20	1-1/4	981620HC

Viton O-Rings included. NOTE: If using nitro-methane or alcohol, specify EPR O-Rings. Call for Technical Information.

## WELD-ONS

### 6061-T6 ALUMINUM FLAT WELDS FOR TANK OR PLATE



SIZE	FLAT WELD	
	DOUBLE O-RING	SINGLE O-RING
8	997208HC	997108HC
10	997210HC	997110HC
12	997212HC	997112HC
16	997216HC	997116HC
20	997220HC	997120HC
24	997224HC	997124HC

Viton O-Rings included.  
NOTE: If using nitro-methane or alcohol, specify EPR O-Rings. Call for Technical Information.

## CAPS & PLUGS

### CAP



SIZE	CAP
8	992908HC
10	992910HC
12	992912HC
16	992916HC
20	992920HC
24	992924HC

### PLUG



SIZE	PLUG
8	980608HC
10	980610HC
12	980612HC
16	980616HC
20	980620HC
24	980624HC

Viton O-Rings included with plugs.  
NOTE: If using nitro-methane or alcohol, specify EPR O-Rings. Call for Technical Information.

# TUBING FLANGE WELD-ONS

**For aluminum tubing applications:** Use socket weld only if tubing is to be brazed. Use butt weld if tubing is to be welded. Socket welds have a counterbored area for tubing insertion. **For stainless steel tubing applications:** Either socket weld or butt weld styles may be used. If you have any questions, regarding your application, call for technical assistance. Tubing Flange Weld Ons listed below are aluminum. **To order them in Stainless Steel, change the first number to 5.** Viton O-Rings included. NOTE: If using nitro-methane or alcohol, specify EPR O-Rings. Call for Technical Information. NOTE: Our HCSP spacer fits inside a double O-ring cavity and allows it to be used with a single O-ring flange.

## SOCKET WELD-ONS



## BUTT WELD-ONS



## SPACER



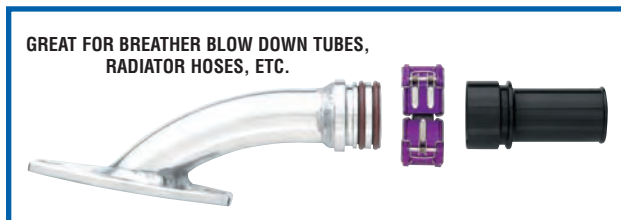
SIZE TUBE O.D.	SLEEVE	DOUBLE O-RING	SINGLE O-RING	SIZE TUBE O.D.	SLEEVE	DOUBLE O-RING	SINGLE O-RING	SPACER
8	1005-08HC	997208SWHC	997108SWHC	8	1005-08BWHC	997208BWHC	997108BWHC	HCSP-08A
10	1005-10HC	997210SWHC	997110SWHC	10	1005-10BWHC	997210BWHC	997110BWHC	HCSP-10A
12	1005-12HC	997212SWHC	997112SWHC	12	1005-12BWHC	997212BWHC	997112BWHC	HCSP-12A
16	1005-16HC	997216SWHC	997116SWHC	16	1005-16BWHC	997216BWHC	997116BWHC	HCSP-16A
20	1005-20HC	997220SWHC	997120SWHC	20	1005-20BWHC	997220BWHC	997120BWHC	HCSP-20A
24	1005-24HC	997224SWHC	997124SWHC	24	1005-24BWHC	997224BWHC	997124BWHC	HCSP-24A
28	1005-28HC	997228SWHC	997128SWHC	28	1005-28BWHC	997228BWHC	997128BWHC	-
32	1005-32HC	997232SWHC	997132SWHC	32	1005-32BWHC	997232BWHC	997132BWHC	-
36	1005-36HC	997236SWHC	997136SWHC	36	1005-36BWHC	997236BWHC	997136BWHC	-
40	1005-40HC	997240SWHC	997140SWHC	40	1005-40BWHC	997240BWHC	997140BWHC	-
48	1005-48HC	997248SWHC	997148SWHC	48	1005-48BWHC	997248BWHC	997148BWHC	-
56	1005-56HC	997256SWHC	997156SWHC	56	1005-56BWHC	997256BWHC	997156BWHC	-
64	1005-64HC	997264SWHC	997164SWHC	64	1005-64BWHC	997264BWHC	997164BWHC	-

## SLIP-ON HOSE CONNECTORS FOR USE WITH CLAMSHELL QUICK DISCONNECT COUPLERS



1-1/4" hose nipple (-20 Clamshell). Double O-ring design for leak-proof sealing. Great for radiator hoses or breather blow down tubes. Shown above with our Clamshell Quick Disconnect Coupling and Socket Welded Flange Adapter. Other Flange Adapters also available.

**SLIP-ON HOSE CONNECTOR 1-1/4" .....PART NO. 230020HC**



**GREAT FOR BREATHER BLOW DOWN TUBES, RADIATOR HOSES, ETC.**

## CLAMSHELL SPECIFICATIONS

- Coupling assembly 14J34 is the **exactly the same** as 14J02 **except** 14J34 includes a nylon safety strap.
- All coupling assemblies have been qualified and meet the requirements of MIL-C-22263 and aerospace standard AS1650.
- Consult the factory for pressure ratings for particular applications. Temperature rating -65°F to +450°F. Nylon safety strap will withstand maximum temperature rating of 400°F.
- Coupling flanges and O-Ring seals are not furnished with coupling assemblies. O-Ring seal materials should be selected for fluid compatibility. Be sure to specify EPR for nitro-methane or alcohol.
- MATERIALS AND FINISH FOR 14C02-(SIZE) A AND 14C34-(SIZE) A ARE AS FOLLOWS:** Clamshell assembly is 2024-T6 or equivalent aluminum anodized and dyed magenta. Latch pawls, hinges, rivets, latch springs are 300 series stainless steel passivated. Bonding springs are beryllium copper wire tin coated. Safety Strap on 14C34-(SIZE) A is nylon.
- MATERIALS AND FINISH FOR 14C02-(SIZE) C AND 14C34-(SIZE) C ARE AS FOLLOWS:** Clamshell assembly is 300 series stainless steel passivated. Latch pawls, hinges, rivets, latch springs are 300 series stainless steel passivated. Bonding springs are beryllium copper wire tin coated. Safety Strap on 14C34-(SIZE) C is nylon.
- MATERIALS AND FINISH FOR 14R02-(SIZE) A ARE AS FOLLOWS:** 2024-T6 or equivalent aluminum anodized dichromate color.
- MATERIALS AND FINISH FOR 14R02-(SIZE) C ARE AS FOLLOWS:** 300 series stainless steel passivated.

# POWER STEERING FITTINGS - Reusable Steel

These aircraft quality reusable steel fittings are ideal for high pressure power steering applications. NOTE: -8 and -10 hose ends have a dual 37°/45° seat and are interchangeable.

**STRAIGHT S.A.E. 37° SWIVEL**



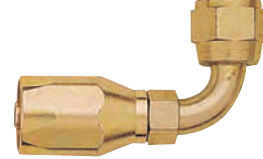
BULK PART NO.	HOSE SIZE	THREAD SIZE
500006 37° Seat	6	9/16"-18 Female
500008 Dual Seat	8	
500010 Dual Seat	10	

**45° S.A.E. 37° SWIVEL**



BULK PART NO.	HOSE SIZE	THREAD SIZE
504506 37° Seat	6	9/16"-18 Female
504508 Dual Seat	8	
504510 Dual Seat	10	

**90° S.A.E. 37° SWIVEL**



BULK PART NO.	HOSE SIZE	THREAD SIZE
509006 37° Seat	6	9/16"-18 Female
509008 Dual Seat	8	
509010 Dual Seat	10	

**STRAIGHT S.A.E. 45° SWIVEL**



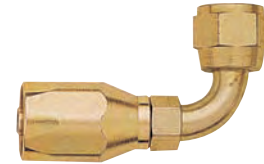
BULK PART NO.	HOSE SIZE	THREAD SIZE
550006 45° Seat	6	5/8"-18 Female
500008 Dual Seat	8	
500010 Dual Seat	10	

**45° S.A.E. 45° SWIVEL**



BULK PART NO.	HOSE SIZE	THREAD SIZE
554506 45° Seat	6	5/8"-18 Female
504508 Dual Seat	8	
504510 Dual Seat	10	

**90° S.A.E. 45° SWIVEL**



BULK PART NO.	HOSE SIZE	THREAD SIZE
559006 37° Seat	6	5/8"-18 Female
509008 Dual Seat	8	
509010 Dual Seat	10	

**STRAIGHT S.A.E. MALE INVERTED FLARE**



BULK PART NO.	HOSE/FITTING SIZE
560006 (5/8 - 18)	6
560008 (3/4 - 18)	8

**45° S.A.E. MALE INVERTED FLARE**



BULK PART NO.	HOSE/FITTING SIZE
564506 (5/8 - 18)	6
564508 (3/4 - 18)	8

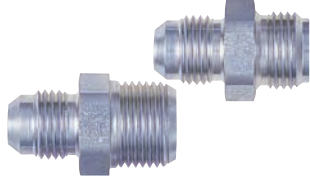
**90° S.A.E. MALE INVERTED FLARE**



BULK PART NO.	HOSE/FITTING SIZE
569006 (5/8 - 18)	6
569008 (3/4 - 18)	8

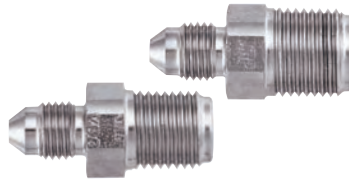
# XRP ADAPTER FITTINGS FOR POWER STEERING HOSE

## STEEL INVERTED FLARE POWER STEERING ADAPTERS



PART NO.	THREAD INV FLR	MALE JIC SIZE
790126	1/2-20	6
790586	5/8-18	6
791166	11/16-18	6

## POWER STEERING ADAPTERS FOR MOPAR MASTER CYLINDER



PART NO.	THREAD INV FLR	MALE JIC SIZE
490803	1/2-20	3
490903	9/16 -20	3

## ALUMINUM BUMP TUBE ADAPTERS



ALUMINUM	STEEL	THREAD W/O-RING	SIZE
791415	491415	M14 x 1.5	6
791615	491615	M16 x 1.5	6
791815	491815	M18 x 1.5	6

## POWER STEERING HOSE

This premium quality power steering hose is made of elastomer tube, polyester inner braid with single wire braid reinforcement and polyester braid cover. Operating temperature is between -55°F and +300°F (except air +250°F). Suitable for many applications: air, gasoline, fuel and lubricants, over-the-wall air tools, etc.



SIZE	BULK HOSE* (Specify Length)	CUT TO EXACT LENGTH AND PRE-PACKAGED IN RETAIL BOX **SEE NOTE BELOW				
		3 FT.	6 FT.	10 FT.	15 FT.	20 FT.
6	510006	510306	510606	511006	511506	512006
8	510008	510308	510608	511008	511508	512008
10	510010	510310	510610	511010	511510	512010

## TECHNICAL SPECIFICATIONS

SIZE	HOSE I.D.	HOSE O.D.	MAX OPERATING PRESSURE (PSI)	BURST PRESSURE (PSI)	WEIGHT LBS./FOOT	MINIMUM BEND RADIUS (INCHES)
6	.31"	.67"	2250	9,000	.23	4.00
8	.41"	.77"	2000	8,000	.26	4.62
10	.50"	.92"	1750	7,000	.37	5.50

\* Bulk hose lengths may be slightly over or under length specified. See bulk hose shipping length patterns on price sheet or on page 73 of this catalog.  
 \*\*NOTE: Pricing for pre-packaged hose includes an additional packaging charge.

# ALUMINUM ADAPTER FITTINGS

XRP offers the industry's most extensive inventory of popular adapter fittings for race cars, street performance vehicles and watercraft. You will find the listings of the next 8 pages of this catalog. All male flare adapters are JIC 37°. Most adapter fittings are also available in both **steel** and **stainless**. To order **steel** - change the first digit of the part number from a "9" to a "4" EXAMPLE: 981606 changes to 481606. To order **stainless** - change the first digit of the part number from a "9" to a "5" EXAMPLE: 981606 changes to 581606. Call for pricing and availability.

**804**



**806**



**814**



Uses O-ring, crush washer or Stat-O-Seal

**815**



**818**



Use with 819 sleeve

SIZE	FLARE BULKHEAD TEE ON RUN	FLARE PLUG	STRAIGHT THREAD PORT PLUG	MALE FLARE UNION	TUBE NUT
3	980403	980603	981403	981503	981803
4	980404	980604	981404	981504	981804
5	-	-	-	-	981805
6	980406	980606	981406	981506	981806
8	980408	980608	981408	981508	981808
10	980410	980610	981410	981510	981810
12	980412	980612	981412	981512	981812
16	980416	980616	981416	981516	981816
20	980420	980620	981420	981520	981820

**819**

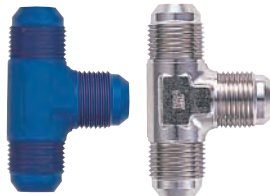


Uses 818 nut

**821**



**824**



**825**



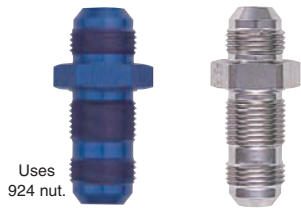
**826**



SIZE	TUBE SLEEVE	TUBE SIZE	90° FLARE UNION	ANODIZED FLARED TEE	SUPER NICKEL FLARED TEE	MALE BRANCH TEE	PIPE SIZE	MALE RUN TEE	PIPE SIZE
3	981903	3/16"	982103	982403	982403SN	982503	1/8"	982603	1/8"
4	981904	1/4"	982104	982404	982404SN	982504	1/8"	982604	1/8"
5	981905	5/16"	-	-	-	-	-	-	-
6	981906	3/8"	982106	982406	982406SN	982506	1/4"	982606	1/4"
8	981908	1/2"	982108	982408	982408SN	982508	3/8"	982608	3/8"
10	981910	5/8"	982110	982410	982410SN	982510	1/2"	982610	1/2"
12	981912	3/4"	982112	982412	982412SN	982512	3/4"	982612	3/4"
16	981916	1"	982116	982416	982416SN	982516	1"	982616	1"
20	981920	1-1/4"	982120	982420	982420SN	982520	1-1/4"	982620	1-1/4"

# ALUMINUM ADAPTER FITTINGS CONTINUED

**832**



Uses  
924 nut.

**833**



Uses  
924 nut

**834**



Uses  
924 nut

**837**



Uses  
924 nut

SIZE	ANODIZED FLARE BULKHD	SUPER NICKEL FLARE BULKHD	90° FLARE BULKHEAD	FLARE BULKHEAD TEE	45° FLARE BULKHEAD
3	983203	983203SN	983303	983403	983703
4	983204	983204SN	983304	983404	983704
6	983206	983206SN	983306	983406	983706
8	983208	983208SN	983308	983408	983708
10	983210	983210SN	983310	983410	983710
12	983212*	983212SN*	983312	983412	983712
16	983216*	983216SN*	983316	983416	983716
20	983220	983220SN	983320	983420	983720

\*Special -16 bulkhead to -12 AN flare also available, order 983217.

## MALE FLARE TO NPT PIPE ADAPTERS

**816**



**822**



**823**



FLARE SIZE	PIPE SIZE	ANODIZED STRAIGHT	SUPER NICKEL STRAIGHT	ANODIZED 90°	SUPER NICKEL 90°	ANODIZED 45°	SUPER NICKEL 45°
3	1/8	981603	981603SN	982203	982203SN	982303	982303SN
3	1/4	981634	981634SN	982234	982234SN	982334	982334SN
3	3/8	981636	981636SN	982236	982236SN	982336	982336SN
4	3/8	981646	981646SN	982246	982246SN	982346	982346SN
4	1/8	981604	981604SN	982204	982204SN	982304	982304SN
4	1/4	981644	981644SN	982244	982244SN	982344	982344SN
6	1/8	981662	981662SN	982262	982262SN	982362	982362SN
6	1/4	981606	981606SN	982206	982206SN	982306	982306SN
6	3/8	981666	981666SN	982266	982266SN	982366	982366SN
6	1/2	981668	981668SN	982268	982268SN	982368	982368SN
8	1/4	981607	981607SN	982207	982207SN	982307	982307SN
8	3/8	981608	981608SN	982208	982208SN	982308	982308SN
8	1/2	981688	981688SN	982288	982288SN	982388	982388SN
8	3/4	981609	981609SN	982209	982209SN	982309	982309SN
10	3/8	981611	981611SN	982211	982211SN	982311	982311SN
10	1/2	981610	981610SN	982210	982210SN	982310	982310SN
10	3/4	981613	981613SN	982213	982213SN	982313	982313SN
12	1/2	981614	981614SN	982214	982214SN	982314	982314SN
12	3/4	981612	981612SN	982212	982212SN	982312	982312SN
12	1"	981615	981615SN	982215	982215SN	982315	982315SN
16	3/4	981617	981617SN	982217	982217SN	982317	982317SN
16	1"	981616	981616SN	982216	982216SN	982316	982316SN
20	1"	981621	981621SN	982221	982221SN	982321	982321SN
20	1-1/4	981620	981620SN	982220	982220SN	982320	982320SN

Extra long pipe adapters available. See page 34.

# ALUMINUM ADAPTER FITTINGS

All male flare adapters are JIC 37°. Most adapter fittings are also available in **steel** and **stainless**. To order **steel** - change the first digit of the part number from a "9" to a "4" EXAMPLE: 981606 changes to 481606. To order **stainless** - change the first digit of the part number from a "9" to a "5" EXAMPLE: 981606 changes to 581606. Call for pricing and availability.

**910**



**PIPE SIZE FEMALE PIPE COUPLING**

1/8	991001
1/4	991002
3/8	991003
1/2	991004
3/4	991006
1"	991007
1-1/4	991008

**911**



**MALE PIPE NIPPLE**

991101
991102
991103
991104
991106
991107
991108

**917**



**FEMALE PIPE TEE**

991701
991702
991703
991704
991706
991707
991708

**912**



**PIPE BUSHING REDUCER MALE TO FEMALE**

991201	1/4 1/8	991902	4 to 3
991202	3/8 1/4	991905	6 to 3
991203	3/8 1/8	991906	6 to 4
991204	1/2 3/8	991907	6 to 5
991205	1/2 1/4	991908	8 to 4
991206	1/2 1/8	991912	8 to 6
991207	3/4 1/2	991913	10 to 4
991208	3/4 3/8	991914	10 to 6
991209	3/4 1/4	991915	10 to 8
991210	1" 3/4	991916	12 to 4
991211	1" 1/2	991918	12 to 6
991212	1" 3/8	991919	12 to 8
		991920	12 to 10
		991922	16 to 10
		991923	16 to 12
		991925	20 to 12
		991926	20 to 16

**919**



**FLARE REDUCER SIZE**

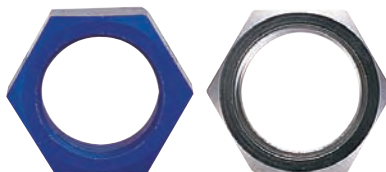
**932**



**PIPE SIZE ALLEN SOCKET PLUG QTY**

1/16	993201	2
1/8	993202	2
1/4	993203	2
3/8	993204	2
1/2	993205	1
3/4	993206	1
1"	993207	1
1-1/4	993208	1

**924**



**SIZE ALUMINUM BULKHEAD NUT SUPER NICKEL BULKHEAD NUT**

3	992403	992403SN
4	992404	992404SN
6	992406	992406SN
8	992408	992408SN
10	992410	992410SN
12	992412	992412SN
16	992416	992416SN
20	992420	992420SN

**929**



**THREAD SIZE 37° FLARE CAP FEMALE**

3/8-24	992903
7/16-20	992904
9/16-18	992906
3/4-16	992908
7/8-14	992910
1-1/16-12	992912
1-5/16-12	992916
1-5/8-12	992920

**938**



**FEMALE STRT THREAD AN TEE O-RING BOSS**

993803
993804
993806
993808
993810
993812
993816
993820

# ALUMINUM ADAPTER FITTINGS CONTINUED

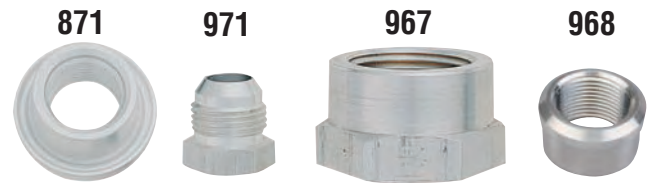
## PIPE ADAPTERS

### FEMALE TO MALE AND FEMALE TO FEMALE



PIPE SIZE	45° ELBOW	90° ELBOW	90° ELBOW FEM/FEM
1/8	991501	991401	991601
1/4	991502	991402	991602
3/8	991503	991403	991603
1/2	991504	991404	991604

## 6061-T6 WELD ONS



SIZE	ORB FEM WELD BUNG	37° MALE WELD BUNG	PIPE SIZE	FEMALE PIPE RAISED SURFACE FIT	FEMALE PIPE RECESSED FLANGE FIT
4	987104	997104	1/8"	996701	996801
6	987106	997106	1/4"	996702	996802
8	987108	997108	3/8"	996703	996803
10	987110	997110	1/2"	996704	996804
12	987112	997112	3/4"	996706	996806
16	987116	997116	1"	996708	996808
20	987120	997120	1-1/4"	996710	996810

## FEMALE TO MALE FLARE SEAL EXPANDERS

951

2-Piece. This nut swivels and seals on flare.



PART NO.	FEM TO MALE
995104 (Steel)	3 to 4
995106	4 to 6
995108	6 to 8
995110	8 to 10
995112	10 to 12
995116	12 to 16
995120	16 to 20

951 Series - Female side seals internally on flare nose of mating male fitting. NO O-RING NECESSARY.

## FEMALE TO MALE REDUCERS

894

1-Piece. This nut seals on O-ring.



950

2-Piece. This nut swivels and seals on flare.



O-RING SEAL REDUCER (894)	FLARE SEAL REDUCER (950)	FEMALE TO MALE
989404	995004 (Steel)	4 to 3
989406	995006	6 to 4
989408	995008	8 to 6
989410	995010	10 to 6
989411	995011	10 to 8
989412	995012	12 to 8
989413	995013	12 to 10
989416	995016	16 to 10
989417	995017	16 to 12
989420	995020	20 to 16

894 Series - Female side seals against o-ring and flange on mating male fitting.

950 Series - Female side seals internally on flare nose of mating male fitting.

NO O-RING NECESSARY.

# TUBE ADAPTERS

XRP offers two series of aluminum NPT pipe to tubing adapters that allow for a quick and inexpensive way to connect tubing or hose with an easy to use hose clamp in very low pressure applications. The 840 series is designed for use with hose or tubing with a full fractional inside diameter. The 850 series is specially designed for use with the reduced inside diameter of the Stainless Steel Braided CPE Race Hose.

## 840 SERIES ALUMINUM PIPE TO TUBE ADAPTERS - FOR FULL BORE HOSE



STRAIGHT	45°	90°	SIZE	PIPE	HOSE ID
984004	984404	984204	4	1/8	1/4
984006	984406	984206	6	1/4	3/8
984008	984408	984208	8	3/8	1/2
984010	984410	984210	10	1/2	5/8
984012	984412	984212	12	3/4	3/4
984016	984416	984216	16	3/4	1"
984017	984417	984217	16	1"	1"

## 850 SERIES ALUMINUM PIPE TO TUBE ADAPTERS

XRP's 850 series of aluminum NPT pipe to tubing adapters is specially designed for the reduced inside bore diameter of the Stainless Steel Braided CPE Race Hose. They are easy to install. No more struggling with the industry standard larger sized adapters. Use them with our Hose Finishers (page 9) for a professional looking job where the visibility of a hose clamp needs to be minimized.



STRAIGHT	45°	90°	SIZE	PIPE	HOSE ID
985004	985404	985204	4	1/8	7/32
985006	985406	985206	6	1/4	11/32
985008	985408	985208	8	3/8	7/16
985010	985410	985210	10	1/2	9/16
985012	985412	985212	12	3/4	11/16
985016	985416	985216	16	3/4	7/8
985017	985417	985217	16	1"	7/8

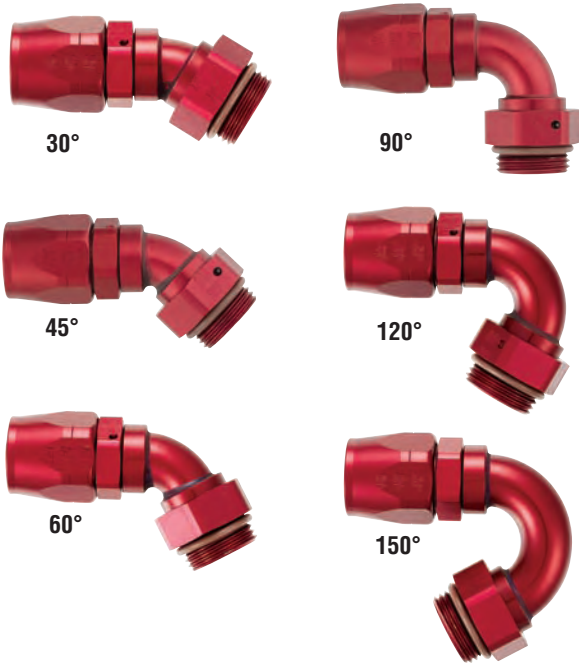


Assembly with Hose Finishers

# O-RING BOSS FITTINGS WITH VITON O-RING

All XRP O-ring boss hose ends are designed with contoured entrances for improved flow. We offer ORB fittings for use with both our Stainless Steel Braided CPE Hose and our HS-79 Ultra Flexible Teflon Hose. Some ORB fittings are available with full swivel capability for the ultimate in adjustability. Easy to install, these versatile fittings work for a variety of applications. Available in wide selection of sizes and bends.

## FULL SWIVEL BENT TUBE TO O-RING BOSS FOR USE WITH BRAIDED STAINLESS STEEL CPE HOSE



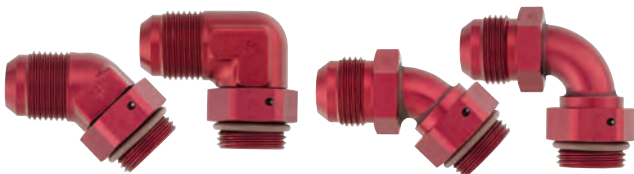
SIZE	BEND	PART NO.
10	30°	2030100RB
12	30°	2030120RB
10	45°	2045100RB
12	45°	2045120RB
10	60°	2060100RB
12	60°	2060120RB
10	90°	2090100RB
12	90°	2090120RB
10	120°	2120100RB
12	120°	2120120RB
10	150°	2150100RB
12	150°	2150120RB
10	180°	2180100RB
12	180°	2180120RB

## FULL SWIVEL BENT TUBE TO O-RING BOSS FOR USE WITH HS-79 SMOOTH BORE TEFLON HOSE



SIZE	BEND	PART NO.
10	30°	2230100RB
12	30°	2230120RB
10	45°	2245100RB
12	45°	2245120RB
10	60°	2260100RB
12	60°	2260120RB
10	90°	2290100RB
12	90°	2290120RB
10	120°	2212100RB
12	120°	2212120RB
10	150°	2215100RB
12	150°	2215120RB
10	180°	2218100RB
12	180°	2218120RB

## FULL SWIVEL MALE FLARE TO O-RING BOSS FITTINGS



SIZE	45°	90°	45°	90°
	FORGED	FORGED	BENT TUBE	BENT TUBE
6	964506	969006	954506	959006
8	964508	969008	954508	959008
10	964510	969010	954510	959010
12	964512	969012	954512	959012
16	964516	969016	954516	959016

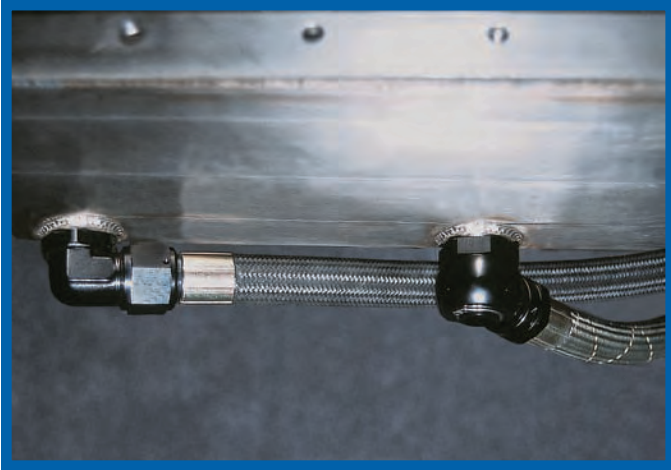
## FULL SWIVEL FEMALE FLARE TO O-RING BOSS



SIZE	45° FORGED	90° FORGED
6	974506	979006
8	974508	979008
10	974510	979010
12	974512	979012
16	974516	979016

# O-RING BOSS FITTINGS CONTINUED

EXCLUSIVELY FROM XRP...this ultra low profile design is sheer genius for any application with limited chassis to engine clearance. Shown here on an oil pan, these ORB fittings have contoured entrances for improved flow characteristics and high volume delivery. Great for dry sump applications, it also eliminates the need for banjo fittings which can restrict flow. Use with any popular race hose with 37° seats.



## ULTRA LOW PROFILE O-RING BOSS FITTING\*



PART NO.	MALE	AN
	AN FLARE	PORT ORB
989104	4	4
989106	6	6
989108	8	8
989110	10	10
989112	12	12
989116	16	16

\* Includes Viton O-Ring

## NON-SWIVEL MALE FLARE TO O-RING BOSS\*



STRAIGHT

STRAIGHT	45°	90°	MALE AN FLARE	AN PORT ORB
980003	984503	989003	3	3
980004	984504	989004	4	4
980064	984564	989064	6	4
980065	984565	989065	6	5
980006	984506	989006	6	6
980068	984568	989068	6	8
980061	---	---	6	10
980086	984586	989086	8	6
980008	984508	989008	8	8
980081	984581	989081	8	10
980009	984509	989009	10	8
980010	984510	989010	10	10
980011	984511	989011	10	12
980013	984513	989013	12	10
980012	984512	989012	12	12
980014	984514	989014	16	12
980015	984515	989015	12	16
980016	984516	989016	16	16
980018	984518	989018	16	20
980020	984520	989020	20	20

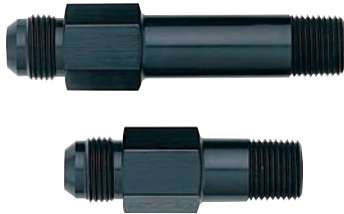
\* Includes Viton O-Ring

Please specify if O-ring of other material is necessary for application.

# DRY SUMP ACCESSORIES

XRP has a variety of fittings, adapters and hoses to suit the needs of modern dry sump systems with high vacuum applications. Some of the most popular are shown below. Call for additional parts and information.

## EXTENDED OIL INLET MALE FLARE TO 1/2" NPT - LONG OR SHORT



### LONG STEEL ALUMINUM

10	488810 (4.4")	988810 (4.4")
12	488812 (4.5")	988812 (4.5")

### SHORT STEEL ALUMINUM

10	488910 (3.1")	988910 (3.1")
12	488912 (3.2")	988912 (3.2")

## DRY SUMP IN-LINE SCAVENGE FILTER

This in-line coarse screen filter helps protect your valuable dry sump pump.



### PART NO. DESCRIPTION

704108	-8 FILTER
704110	-10 FILTER
704112	-12 FILTER
704100	REPLACEMENT FILTER

## OIL GALLEY MANIFOLD MALE FLARE WITH 1/8" FEMALE NPT'S\*

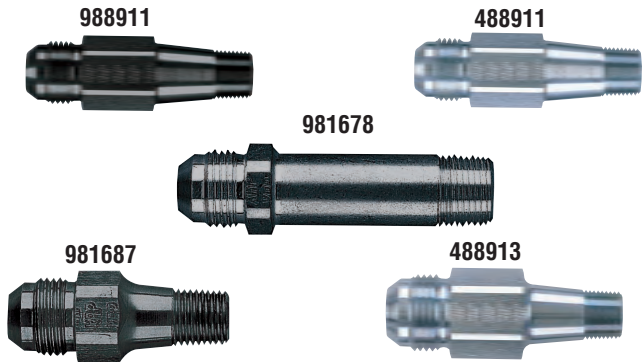


### STEEL ALUMINUM

10	487810 (4.4")	987810 (4.4")
12	487812 (4.5")	987812 (4.5")

\*Take off for valve cover spray bars.

## SPECIAL AN MALE TO PIPE ADAPTERS - STEEL AND ALUMINUM



### PART NO. DESCRIPTION

488911	STEEL	-10 TO 3/8 MALE NPT EXT. (3.1")
488913	STEEL	-12 TO 3/8 MALE NPT EXT. (3.2")
988911	ALUMINUM	-10 TO 3/8 MALE NPT EXT. (3.1")
981687	ALUMINUM	-8 TO 1/4" MALE NPT EXT. (2.1")
981678	ALUMINUM	-8 TO 3/8" MALE NPT EXT. (3.0")

## FLAT WOUND INTERNAL SUPPORT COIL

Available in several popular sizes, our Flat Wound Internal Support Coil can be used with Stainless Steel CPE Hose or our Push-On Hose. It provides extra support for the most demanding high vacuum applications. Excellent for modern dry sump systems. Support Coil is sold by the foot. Please specify length when ordering.



### PART NO. SIZE DESCRIPTION

310008	8 ss	.44" O.D.
310010	10 ss	.60" O.D.
310012	12 ss	.73" O.D.
310014	12 HS-79	.875" O.D.
310016	16 ss	.94" O.D.
310020	-16 HS-79 or -20 ss	1.190" O.D.

## DRY SUMP BANJO FITTINGS

Available in size 12 only. Low Profile.

### Oil Pan Banjo Cap



PART NO. 711912

### ORB Oil Pan Banjo Adapter



PART NO. 712012

SHOWN IN OIL PAN PHOTO ON PAGE 33

### Oil Pan Banjo for HS-79 Non-Swivel



PART NO. 712212

### Oil Pan Banjo for HS-79 Swivel



PART NO. 712312

### Oil Pan Banjo for Stainless Hose Swivel



PART NO. 712112

# OUR NEW IN-LINE RACING OIL FILTER... ADVANCED DESIGN...AEROSPACE QUALITY!

Working in conjunction with prominent NASCAR crew chiefs, XRP proudly introduces an in-line oil filter with some significant design features to give you better oil delivery on race day, or every day:

- ◆ **Modular construction** provides a filter that is ◆ **available with either AN ends or ends that work with our clamshell quick disconnect couplings**
- ◆ **with or without accessory port on inlet.** ◆ **Pleated stainless steel filter** provides excellent filtration without restriction and a
- ◆ **choice of 45, 60, 75 or 100 micron screens**
- ◆ **with or without relief valve for failsafe oil delivery.**



This new oil filter reflects XRP engineering and manufacturing in every aspect.

- ◆ **Flexible design.** ◆ **Ease of installation and cleaning.**
- ◆ **True aerospace-quality fluid delivery.** ◆ **Weight-saving materials**
- ◆ **High flow capacity.** ◆ **High pressure and temperature ratings (to 400° F)**
- ◆ **Compatibility with either stainless steel braided CPE hose or HS-79 Ultra-Lite Flexible Smooth-bore Teflon® hose AND clamshell-style quick disconnect couplings.**

## SCREEN ELEMENTS AND END FITTINGS

Pleated stainless steel element, available with anti-seize relief valve with 15 psi pressure differential, to ensure oil flow in case filter clogs.



-10 Female  
Accessory Port  
On Inlet Side.  
AN Adapter or  
Temperature  
Probe  
Screws in Here



Designed specifically for use with our clamshell style quick disconnect couplings.

-10 Female  
Accessory Port  
On Inlet Side.  
AN Adapter or  
Temperature  
Probe  
Screws in Here



Viton O-Rings included.

SIZES	45 MICRON SCREEN	60 MICRON SCREEN	75 MICRON SCREEN	100 MICRON SCREEN
8 thru 16	713045	713060	713075	713100
8 thru 16 relief valve	713045RV	713060RV	713075RV	713100RV
20	714045	714060	714075	714100
20 relief valve	714045RV	714060RV	714075RV	714100RV

Replacement filter body fits sizes 8 through 20 - Part No. 713000

SIZE	AN INLET FITTING	AN INLET FITTING W/ ACCRY PORT	AN OUTLET FITTING	HC INLET FITTING	HC INLET FITTING W/ ACCRY PORT	HC OUTLET FITTING
	8	713108AN	713108ANAP	713208AN	713108HC	713108HCAP
10	713110AN	713110ANAP	713210AN	713110HC	713110HCAP	713210HC
12	713112AN	713112ANAP	713212AN	713112HC	713112HCAP	713212HC
16	713116AN	713116ANAP	713216AN	713116HC	713116HCAP	713216HC
20	713120AN	713120ANAP	713220AN	713120HC	713120HCAP	713220HC

# HOW TO ORDER

The large assembly shown here is a part number **7116HCAP**. It **DOES NOT INCLUDE THE SCREENING ELEMENT**, which must be ordered separately. The inline filter shown is used with HS-79 hose, clamshell quick disconnect couplings and a cap.

Here is what the part number means broken down:

**71**   **16**   **HC**   **AP**  
 series   size   end type   with bypass

For a size 12 with AN ends and no accessory port the part number is:

**71**   **12**   **AN**  
 series   size   end type



Does not include filtering element.  
 Order from page 35.



Does not include filtering element.  
 Order from page 35.



SIZE	PART NO.	FILTER WITH AN ENDS
8	7108AN	in-line oil filter - AN inlet & outlet
10	7110AN	in-line oil filter - AN inlet & outlet
12	7112AN	in-line oil filter - AN inlet & outlet
16	7116AN	in-line oil filter - AN inlet & outlet
20	7120AN	in-line oil filter - AN inlet & outlet

SIZE	PART NO.	FILTER WITH AN ENDS + ACCESSORY PORT
8	7108ANAP	in-line oil filter - AN inlet & outlet w/ accessory port
10	7110ANAP	in-line oil filter - AN inlet & outlet w/ accessory port
12	7112ANAP	in-line oil filter - AN inlet & outlet w/ accessory port
16	7116ANAP	in-line oil filter - AN inlet & outlet w/ accessory port
20	7120ANAP	in-line oil filter - AN inlet & outlet w/ accessory port

Does not include filtering element.  
 Order from page 35.



AN adapter or  
 temperature probe  
 screws in here.

Does not include filtering element.  
 Order from page 35.



SIZE	PART NO.	FILTER W/ CLAMSHELL QUICK DISCONNECT ENDS
8	7108HC	in-line oil filter - quick disconnect inlet & outlet
10	7110HC	in-line oil filter - quick disconnect inlet & outlet
12	7112HC	in-line oil filter - quick disconnect inlet & outlet
16	7116HC	in-line oil filter - quick disconnect inlet & outlet
20	7120HC	in-line oil filter - quick disconnect inlet & outlet

SIZE	PART NO.	FILTER W/ CLAMSHELL ENDS + ACCESSORY PORT
8	7108HCAP	in-line oil filter - HC inlet & outlet w/ accessory port
10	7110HCAP	in-line oil filter - HC inlet & outlet w/ accessory port
12	7112HCAP	in-line oil filter - HC inlet & outlet w/ accessory port
16	7116HCAP	in-line oil filter - HC inlet & outlet w/ accessory port
20	7120HCAP	in-line oil filter - HC inlet & outlet w/ accessory port



Replacement  
 Filter Body  
 fits all sizes  
 8 through 20.

SIZE	PART NO.	DESCRIPTION
8 through 20	713000	Replacement filter body outlet

*All filters with part numbers that end in HC are compatible with our clamshell style quick disconnect couplings.*

*Check pages 18-24 for clamshell part numbers.*

# SPECIAL 37° JIC ADAPTERS & FITTINGS

## FEMALE TO FEMALE FLARE SWIVEL



PART NO.	THREAD SIZE
900133	3 (Steel)
900144	4 (Steel)
900104	4 (Alum)
900106	6
900108	8
900184	8 to 4
900186	8 to 6
900110	10
900112	12
900116	16

## FEMALE SWIVEL COUPLINGS- 45°



SIZE	45° TUBE	45° FORGED
3 (Steel)	-	924633
4 (Steel)	924544	924644
3 (Alum)	-	924603
4	924504	924604
6	924506	924606
8	924508	924608
10	924510	924610
12	924512	924612

## FEMALE SWIVEL COUPLINGS- 90°



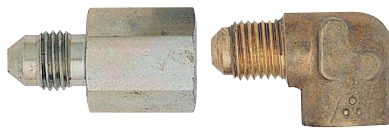
SIZE	90° TUBE	90° FORGED
3 (Steel)	-	929133
4 (Steel)	929044	929144
3 (Alum)	-	929103
4	929004	929104
6	929006	929106
8	929008	929108
10	929010	929110
12	929012	929112

## ALUMINUM ELBOW MALE PIPE ADAPTERS



PART NO.	DESCRIPTION
982296	3/8" MALE NPT 90° ELBOW
982298	1/2" MALE NPT 90° ELBOW
982396	3/8" MALE NPT 45° ELBOW
982398	1/2" MALE NPT 45° ELBOW

## GAUGE ADAPTERS-STEEL



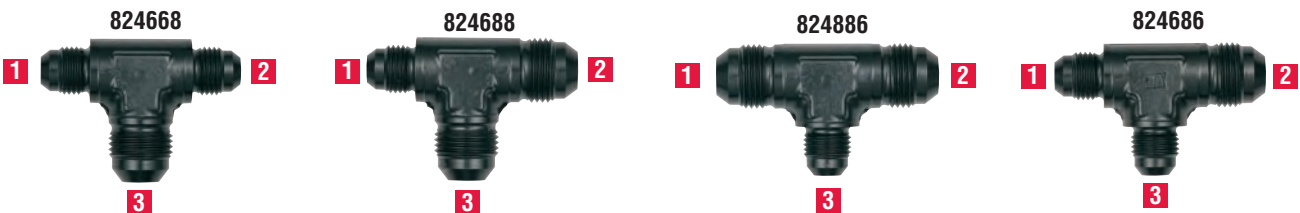
PART NO.	DESCRIPTION	SIZE
705003	STRT TO 1/8 FEM. NPT	3
705004	STRT TO 1/8 FEM. NPT	4
705034	STRT TO 1/4 FEM. NPT	3
705093	90 TO 1/8 FEM. NPT	3
705090	90 TO 1/8 FEM. NPT	4
705200	STRT TO 1/4 FEM. NPT	4
705290	90 TO 1/4 FEM. NPT	4

## GAUGE ADAPTERS - ALUMINUM



PART NO.	DESCRIPTION
795003	-3 MALE JIC TO 1/8 NPT GAUGE FTG
795004	-4 MALE JIC TO 1/8 NPT GAUGE FTG

## ALUMINUM STEPPED MALE TEES

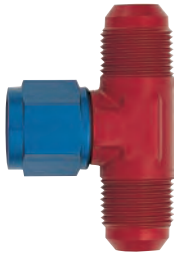


PART NO. *	END 1	END 2	END 3
824668	-6 MALE	-6 MALE	-8 MALE
824688	-6 MALE	-8 MALE	-8 MALE
824886	-8 MALE	-8 MALE	-6 MALE
824686	-6 MALE	-8 MALE	-6 MALE

\* Other sizes are available. Call for information.

# SPECIAL 37° JIC ADAPTERS & FITTINGS

**TEE MALE FLARE TO FEMALE SWIVEL ON SIDE**



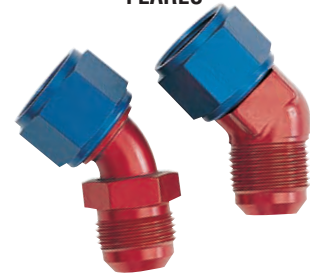
PART NO.	THREAD SIZE
900233	3 (Steel)
900203	3 (Alum)
900204	4
900206	6
900208	8
900210	10
900212	12
900216	16

**FEMALE FLARE TO FEMALE SWIVEL ON RUN**



PART NO.	THREAD SIZE
900333	3 (Steel)
900303	3 (Alum)
900304	4
900306	6
900308	8
900310	10
900312	12
900316	16

**45° FEMALE SWIVEL TO MALE FLARES**



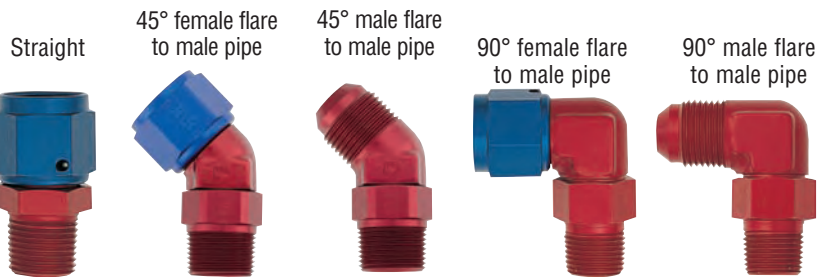
SIZE	45° TUBE	45° FORGED
3 (Steel)	-	900433
4 (Steel)	-	900444
3 (Alum)	-	900403
4	920404	900404
6	920406	900406
8	920408	900408
10	920410	900410
12	920412	900412
16	920416	900416

**90° FEMALE SWIVEL TO MALE FLARES**



AN SIZE	90° TUBE	90° FORGED
3 (Steel)	-	900533
4 (Steel)	-	900544
3 (Alum)	-	900503
4	920504	900504
6	920506	900506
8	920508	900508
10	920510	900510
12	920512	900512
16	920516	900516

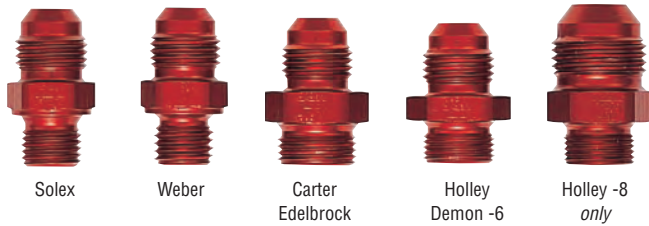
**SWIVEL PIPE ADAPTERS STEEL AND ALUMINUM**



STRAIGHT FEM. FLARE TO PIPE	45° FEMALE FLARE TO PIPE	45° MALE FLARE TO PIPE	90° FEMALE FLARE TO PIPE	90° MALE FLARE TO PIPE	AN SIZE	NPT SIZE
900631 (Steel)	910731 (Steel)	910831 (Steel)	900731 (Steel)	900831 (Steel)	3	1/8
900603	910703	910803	900703	900803	3	1/8
900641 (Steel)	910741 (Steel)	910841 (Steel)	900741 (Steel)	900841 (Steel)	4	1/8
900604	910704	910804	900704	900804	4	1/8
900644	910744	910844	900744	900844	4	1/4
900606	910706	910806	900706	900806	6	1/4
900662	910762	910862	900762	900862	6	1/8
900666	910766	910866	900766	900866	6	3/8
900667	910767	910867	900767	900867	8	1/4
900608	910708	910808	900708	900808	8	3/8
900688	910788	910888	900788	900888	8	1/2
900610	910710	910810	900710	900810	10	1/2
900611	910711	910811	900711	900811	10	3/8
900612	910712	910812	900712	900812	12	3/4
900614	910714	910814	900714	900814	12	1/2

# CARBURETOR ADAPTERS & FITTINGS

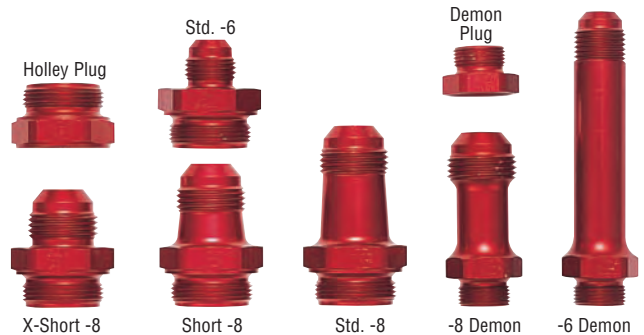
## SINGLE FEED HOLLEY, DEMON, CARTER, WEBER AND SOLEX



PART NO.	CARB THREAD	SIZE
700006	9/16-24 Holley/Demon	6
700008	9/16-24 Holley <i>only</i> *	8
700000	Replacement crush washer for all 9/16-24 adapters	
700306	5/8-20 Carter/Edelbrock	6
700300	Replacement crush washer for all 5/8-20 adapters	
700903	M12 X 1.25 Solex	6
700905	M10 X 1.0 Solex	6
700906	M12 X 1.5 Weber	6
890144	Replacement crush washer for all M12 adapters	

\*Will not clear Demon fuel bowl.

## DUAL FEED HOLLEY AND DEMON



PART NO.	CARB THREAD	SIZE
700106	7/8-20 Holley	6
700108	7/8-20 Holley	8 STANDARD
700128	7/8-20 Holley	8 SHORT
700118	7/8-20 Holley	8 X-SHORT
700130	7/8-20 Holley	Hex Plug
700100	Replacement crush washer for all 7/8-20 adapters	
700016	9/16-24 Holley/Demon	6 EXTENDED
700018	9/16-24 Holley/Demon	8 EXTENDED
700132	9/16-24 Holley/Demon	Hex Plug
700000	Replacement crush washer for all 9/16-24 adapters	

## DUAL FEED HOLLEY WITH REMOVABLE FILTERS

\*Low Profile  
1/4" 12-point  
head



CUT AWAY  
DETAIL OF THE  
FILTER



PART NO.	CARB THREAD	SIZE
700107	7/8-20	6 Male
700109	7/8-20	8 Male
720007	7/8-20	6 Female
720009	7/8-20	8 Female
790000*	Float Bowl Screw for Dual Feed Holley w/removable filters	

\*Low profile 12-point float bowl screw solves clearance problems with above filters.

## FEMALE SWIVEL EXTENDED DUAL FEED HOLLEY AND DEMON



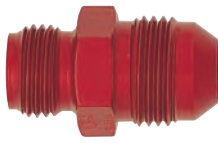
PART NO.	CARB THREAD	SIZE
720006	7/8-20 Holley	6
720008	7/8-20 Holley	8
720010	7/8-20 Holley	10
720106	9/16-24 Holley/Demon	6
720108	9/16-24 Holley/Demon	8
720116	3/4-16 Braswell/QFT	6
720118	3/4-16 Braswell/QFT	8
700100	Replacement crush washer for all 7/8-20 adapters	
700000	Replacement crush washer for all 9/16-24 adapters	

QFT= Quick Fuel Technology.

NOTE: ALL XRP CARBURETOR FITTINGS SHOWN ON THIS PAGE INCLUDE CRUSH WASHER.

# CARBURETOR ADAPTERS & FITTINGS

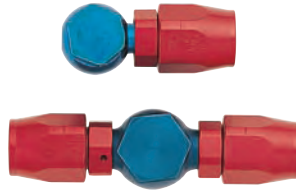
## ALUMINUM FUEL PUMP FITTINGS



PART NO.	PUMP THREAD	SIZE
702006	1/2-20 INV FLR	6
702106	*5/8-18 INV FLR	6
702108	*5/8-18 INV FLR	8
981666	3/8 NPT	6
981608	3/8 NPT	8
981611	3/8 NPT	10

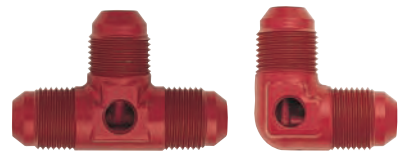
\*MAY ALSO BE USED WITH CRUSH WASHER ON CARTER SUPER PUMPS #M60968 & #M60969

## SINGLE AND DOUBLE BANJO HOSE ENDS



SINGLE	DOUBLE	DESCRIPTION
711225	721225	M12 X 1.25
711250	721250	M12 X 1.5
710024	720024	9/16-24
710020	720020	1/2-20

## FLARE TEES & 90° UNIONS WITH 1/8" FEMALE NPT PORT



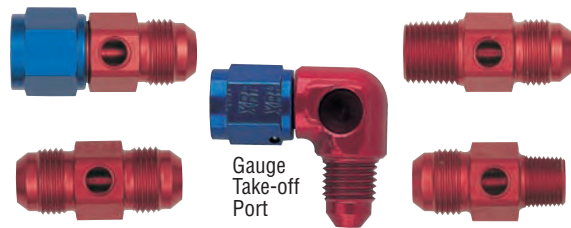
SIZE	MALE TEE	90°
6	782406	782106
8	782408	782108
10	782410	782110

## CARB KIT HOSE ENDS



SIZE	PART NO.	DESCRIPTION
6	709106	-6 HOSE TO MALE 90°
8	709108	-8 HOSE TO MALE 90°
6	709306	-6 HOSE TO MALE TEE ON RUN
8	709308	-8 HOSE TO MALE TEE ON RUN
6	709506	-6 HOSE TO MALE TEE W/1/8 NPT ON RUN
8	709508	-8 HOSE TO MALE TEE W/1/8 NPT ON RUN
6	709346	-6 HOSE TO TEE WITH -4 RETURN
8	709348	-8 HOSE TO TEE WITH -4 RETURN
8	709318	-8 MALE TEE TO HOSE ON BRANCH (not shown)
8	709518	MALE TEE TO HOSE ON BRANCH W/ 1/8" NPT

## FUEL PRESSURE TAKE-OFF ADAPTERS WITH 1/8" FEMALE NPT PORT



PART NO.	DESCRIPTION
700192	-6 MALE TO -6 MALE
700193	-6 MALE TO 1/4" MALE NPT
700194	-6 MALE TO 3/8" MALE NPT
700195	-6 MALE TO -6 FEMALE SWIVEL
700196	-8 MALE TO -8 MALE
700202	-10 MALE TO -10 FEMALE SWIVEL
700210	-10 MALE TO 1/2" MALE NPT
700201	-10 MALE TO -10 MALE
700211	-10 MALE TO 3/8" MALE NPT
700197	-8 MALE TO 1/4" MALE NPT
700198	-8 MALE TO 3/8" MALE NPT
700199	-8 MALE TO -8 FEMALE SWIVEL
782144*	-4 MALE AN TO -4 FEMALE SWIVEL 90°

\*EXCELLENT FOR FUEL AND OIL GAUGES WHERE A PRESSURE SENDING UNIT NEEDS TO BE ADDED.

## DOUBLE SWIVEL HOSE ENDS FOR METRIC CARBURETOR KITS



SIZE	PART NO.	DESCRIPTION
6	289125	M12 X 1.25 SOLEX
6	289150	M12 X 1.50 WEBER

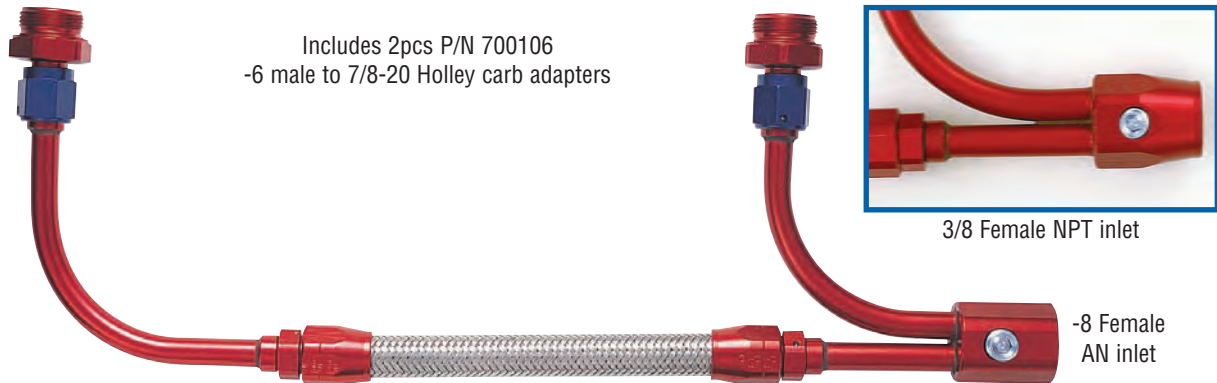
## BUMP TUBE ADAPTERS - ALUMINUM AND STEEL



PART NO. ALUMINUM	THREAD W/O-RING	SIZE	PART NO. STEEL
791415	M14 x 1.5	6	491415
791615	M16 x 1.5	6	491615
791815	M18 x 1.5	6	491815

# CARBURETOR KITS - HOLLEY

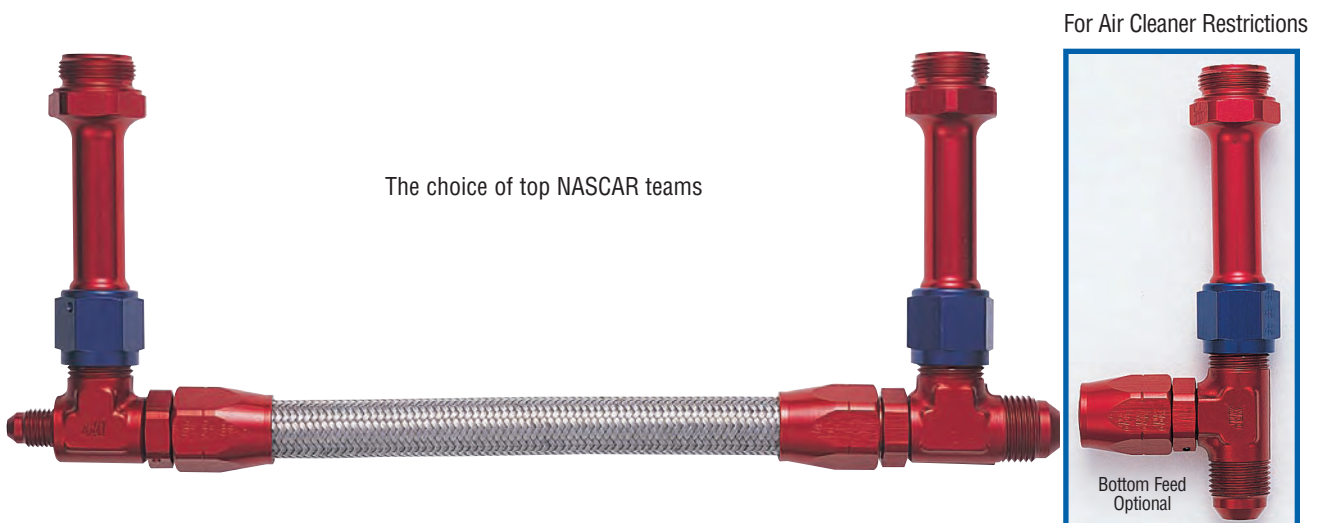
## SWEPT TUBE FUEL LINE KITS FOR DUAL FEED HOLLEYS



### PART NO. DESCRIPTION

730008	SWEPT TUBE KIT WITH FEMALE -8 AN INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF
734508	SAME AS ABOVE TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>
730388	SWEPT TUBE KIT WITH FEMALE 3/8 NPT INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF
734588	SAME AS ABOVE TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>
733008	SAME AS 730008 TO FIT 3310 MODEL WITH VACUUM SECONDARIES
733308	SAME AS 730388 TO FIT 3310 MODEL WITH VACUUM SECONDARIES

## COMPETITION STYLE FORGED FUEL LINE KITS FOR DUAL FEED HOLLEYS

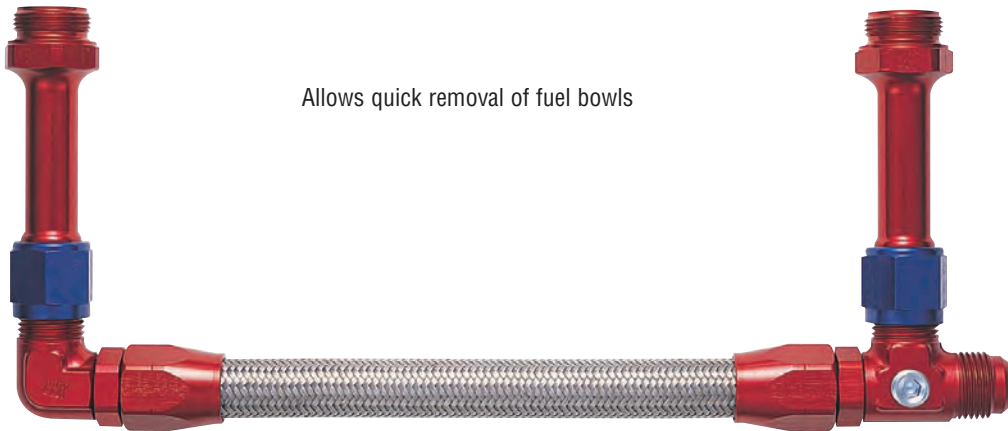


### PART NO. DESCRIPTION

731046	COMPETITION STYLE FORGED KIT W/MALE -6 AN INLET AND MALE -4 RETURN FOR FUEL PRESSURE GAUGE
731047	SAME AS 731046 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745146	SAME AS 731046 TO FIT 4500 MODEL ONLY - <b>DOMINATORS</b>
745147	SAME AS 745146 <b>DOMINATORS</b> BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
731048	COMPETITION STYLE FORGED KIT W/MALE -8 AN INLET AND MALE -4 RETURN FOR FUEL PRESSURE GAUGE
731049	SAME AS 731048 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745188	SAME AS 731048 TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>
745189	SAME AS 745188 <b>DOMINATORS</b> BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
731148	BOTTOM FEED FORGED KIT WITH MALE -8 AN INLET & MALE -4 RETURN FOR FUEL PRESSURE GAUGE
731149	SAME AS 731148 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745148	SAME AS 731148 BOTTOM FEED TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>

# CARBURETOR KITS - HOLLEY

## FORGED FUEL LINE KTS FOR DUAL FEED HOLLEYS



Allows quick removal of fuel bowls

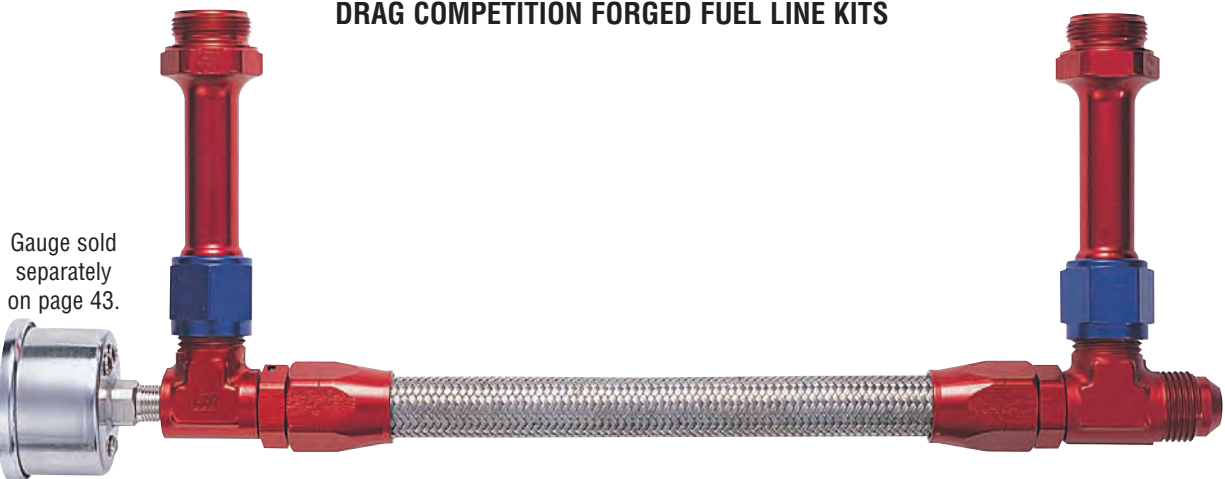
For Air Cleaner Restrictions



### PART NO. DESCRIPTION

731006	COMPETITION STYLE FORGED KIT W/MALE -6 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF
731017	SAME AS 731006 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745106	SAME AS 731006 TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>
745116	SAME AS 745106 DOMINATOR BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
731008	COMPETITION STYLE FORGED KIT W/MALE -8 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF
731018	SAME AS 731008 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745108	SAME AS 731008 TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>
745118	SAME AS 745108 DOMINATOR BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
731108	BOTTOM FEED FORGED KIT WITH MALE -8 AN INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF
731118	SAME AS 731108 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
731010	COMPETITION STYLE FORGED KIT W/MALE -10 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF
745110	SAME AS 731010 TO FIT 4500 MODELS ONLY - <b>DOMINATORS</b>
733106	SAME AS 731006 TO FIT 3310 MODEL WITH VACUUM SECONDARIES
733108	SAME AS 731008 TO FIT 3310 MODEL WITH VACUUM SECONDARIES

## DRAG COMPETITION FORGED FUEL LINE KITS



Gauge sold separately on page 43.

### PART NO. DESCRIPTION

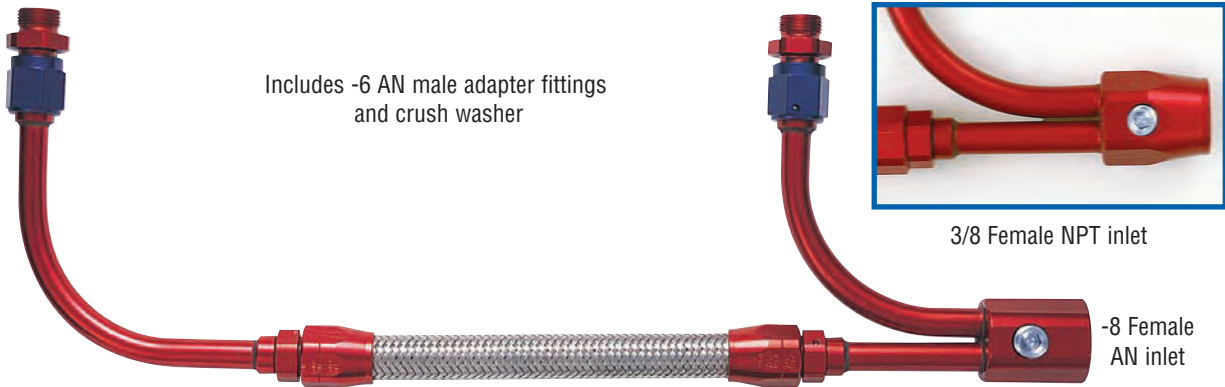
731056	DRAG COMPETITION FORGED KIT W/MALE -6 AN INLET WITH 1/8" FEM. NPT FOR REAR MOUNT GAUGE
731066	SAME AS 731056 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745156	SAME AS 731056 TO FIT 4500 MODEL ONLY - <b>DOMINATORS</b>
745166	SAME AS 745156 DOMINATOR BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
731058	DRAG COMPETITION FORGED KIT W/MALE -8 AN INLET WITH 1/8" FEM. NPT FOR REAR MOUNT GAUGE
731068	SAME AS 731058 BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)
745168	SAME AS 731058 TO FIT 4500 MODEL ONLY - <b>DOMINATORS</b>
745178	SAME AS 745168 DOMINATOR BUT WITH DUAL FILTERED INLET LEGS (SEE PAGE 37)

ALL CARB KITS INCLUDE CRUSH WASHERS.

# CARBURETOR KITS - DEMON, BRASWELL & QFT

In addition to our existing line of kits and components for Holley carbs, XRP now offers a selection of pre-assembled carburetor kits and adapter fittings for popular Demon, Braswell and Quick Fuel Technology (QFT) carburetors. Choose from either competition-style forged and swept-tube kits.

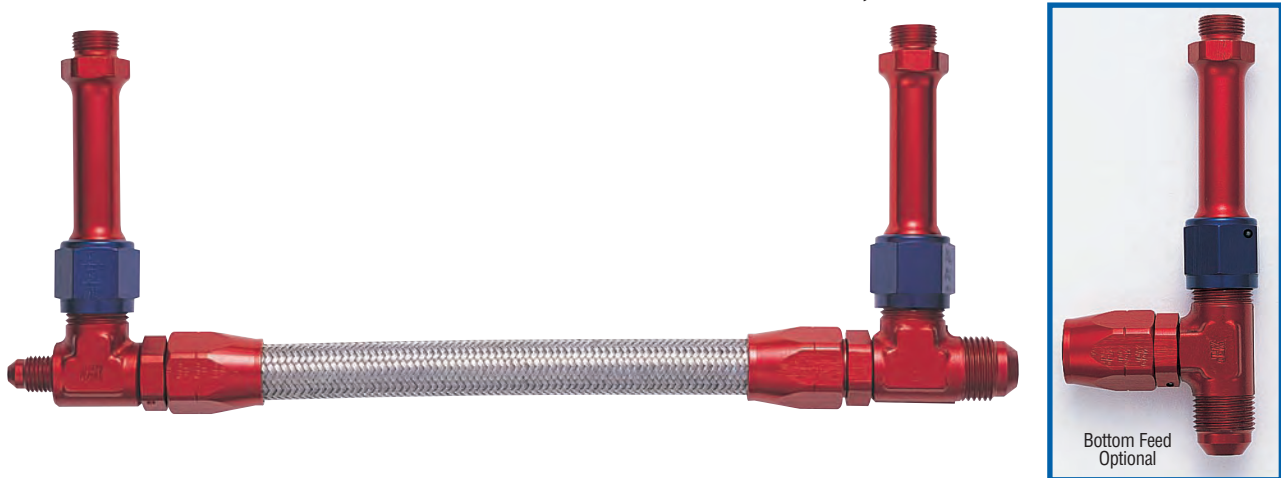
## SWEPT TUBE STYLE FUEL LINE KITS FOR DEMON, BRASWELL AND QFT



### PART NO. DESCRIPTION

710008	SWEPT TUBE KIT WITH FEMALE -8 AN INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF - <b>DEMON</b>
724508	SAME AS 710008 TO FIT <b>KING DEMON MODELS ONLY</b>
710388	SWEPT TUBE KIT WITH FEMALE 3/8 NPT INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF- <b>DEMON</b>
714588	SAME AS 710388 TO FIT <b>KING DEMON MODELS ONLY</b>
790008	SWEPT TUBE KIT WITH FEMALE -8 AN INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF - <b>BRASWELL/QFT</b>
790388	SWEPT TUBE KIT WITH FEMALE 3/8 NPT INLET TAPPED WITH 1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF- <b>BRASWELL/QFT</b>

## COMPETITION STYLE FORGED FUEL LINE KITS FOR DEMON, BRASWELL AND QFT



### PART NO. DESCRIPTION

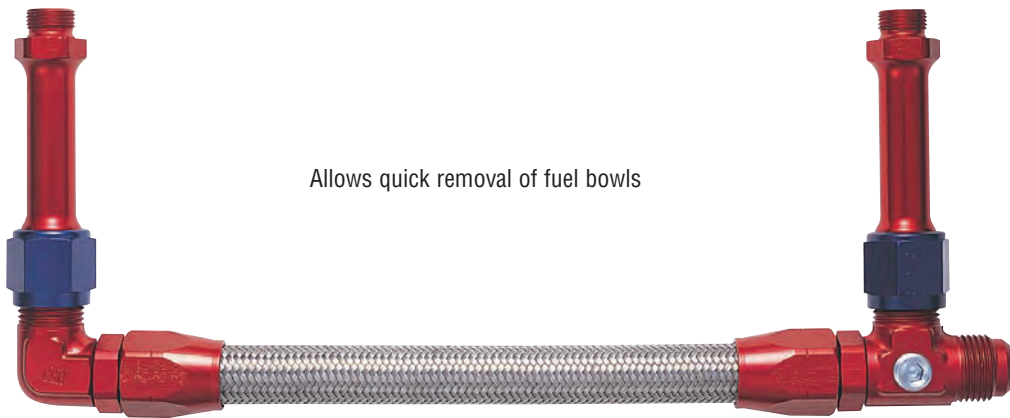
711046	COMPETITION STYLE FORGED KIT W/MALE -6 AN INLET AND MALE -4 RETURN FOR FUEL PRESSURE GAUGE - <b>DEMON</b>
724546	SAME AS 711046 TO FIT <b>KING DEMON MODELS ONLY</b>
711048	COMPETITION STYLE FORGED KIT W/MALE -8 AN INLET AND MALE -4 RETURN FOR FUEL PRESSURE GAUGE - <b>DEMON</b>
724588	SAME AS 711048 TO FIT <b>KING DEMON MODELS ONLY</b>
711148	BOTTOM FEED FORGED KIT WITH MALE -8 AN INLET & MALE -4 RETURN FOR FUEL PRESSURE GAUGE - <b>DEMON</b>
791046	COMPETITION STYLE FORGED KIT W/MALE -6 AN INLET AND MALE -4 RETURN FOR FUEL PRESSURE GAUGE - <b>BRASWELL/QFT</b>
791048	COMPETITION STYLE FORGED KIT W/MALE -8 AN INLET AND MALE -4 RETURN FOR FUEL PRESSURE GAUGE - <b>BRASWELL/QFT</b>

ALL CARB KITS INCLUDE CRUSH WASHERS.

# CARBURETOR KITS - DEMON, BRASWELL & QFT

## FORGED FUEL LINE KITS FOR DUAL FEED DEMON BRASWELL AND QFT

For Air Cleaner Restrictions

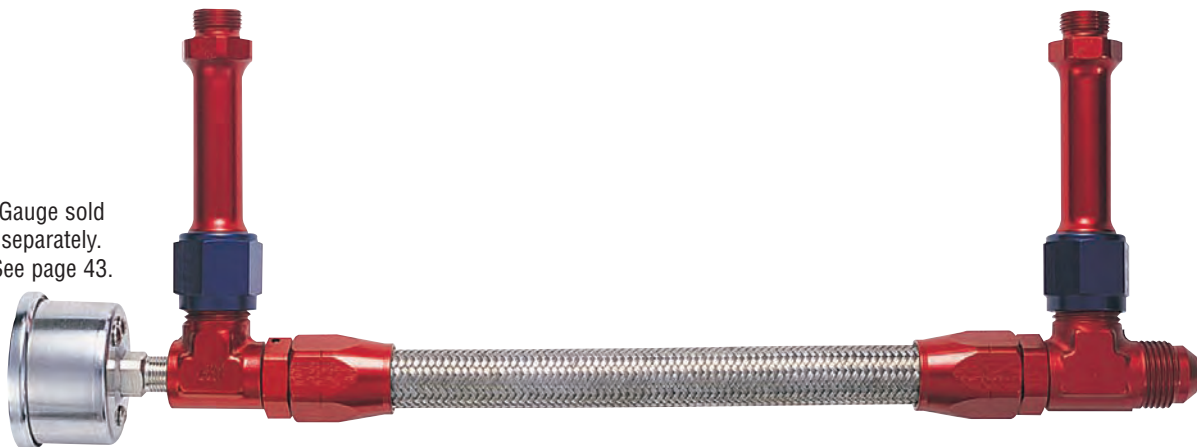


### PART NO. DESCRIPTION

711006	COMPETITION STYLE FORGED KIT W/MALE -6 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF - <b>DEMON</b>
714506	SAME AS 711006 TO FIT <b>KING DEMON MODELS ONLY</b>
711008	COMPETITION STYLE FORGED KIT W/MALE -8 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF- <b>DEMON</b>
714508	SAME AS 711008 TO FIT <b>KING DEMON MODELS ONLY</b>
791006	COMPETITION STYLE FORGED KIT W/MALE -6 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF - <b>BRASWELL/QFT</b>
791008	COMPETITION STYLE FORGED KIT W/MALE -8 AN INLET TAPPED W/1/8" NPT FOR FUEL PRESSURE GAUGE TAKEOFF- <b>BRASWELL/QFT</b>

## DRAG COMPETITION FORGED FUEL LINE KITS FOR DEMON, BRASWELL AND QFT

Gauge sold separately.  
See page 43.



### PART NO. DESCRIPTION

711056	DRAG COMPETITION FORGED KIT W/MALE -6 AN INLET WITH 1/8" FEM. NPT FOR REAR MOUNT GAUGE- <b>DEMON</b>
714556	SAME AS 711056 TO FIT <b>KING DEMON MODELS ONLY</b>
711058	DRAG COMPETITION FORGED KIT W/MALE -8 AN INLET WITH 1/8" FEM. NPT FOR REAR MOUNT GAUGE- <b>DEMON</b>
714558	SAME AS 711058 TO FIT <b>KING DEMON MODELS ONLY</b>
791056	DRAG COMPETITION FORGED KIT W/MALE -6 AN INLET WITH 1/8" FEM. NPT FOR REAR MOUNT GAUGE- <b>BRASWELL/QFT</b>
791058	DRAG COMPETITION FORGED KIT W/MALE -8 AN INLET WITH 1/8" FEM. NPT FOR REAR MOUNT GAUGE- <b>BRASWELL/QFT</b>

ALL CARB KITS INCLUDE CRUSH WASHERS.

# REUSABLE STEEL HOSE ENDS FOR BRAKE, CLUTCH & INSTRUMENT LINES

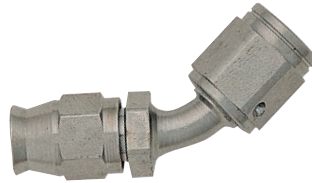
XRP offers the best in Teflon® stainless wire braided hose, reusable hose ends and hose assemblies. XRP Teflon® hose is used for brake and clutch lines, power steering, instrument lines and other types of applications where maximum high pressure protection is a must. FOR OFF ROAD BRAKE LINE USE ONLY.

## STRAIGHT



ALUMINUM	STEEL	STAINLESS	SIZE
-	-	650002	2
-	-	650023	2-3*
690003	600003	650003	3
690004	600004	650004	4
690006	600006	650006	6

## 45° BENT TUBE



ALUMINUM	STEEL	STAINLESS	SIZE
694503	604503	654503	3
694504	604504	654504	4
694506	604506	654506	6

## 90° BENT TUBE



ALUMINUM	STEEL	STAINLESS	SIZE
699003	609003	659003	3
699004	609004	659004	4
699006	609006	659006	6

\*-2 Hose to -3 Female JIC.

## 120° BENT TUBE



ALUMINUM	STEEL	STAINLESS	SIZE
-	601203	-	3
-	601204	-	4

## 150° BENT TUBE



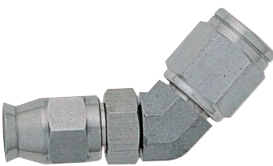
ALUMINUM	STEEL	STAINLESS	SIZE
-	601503	-	3
-	601504	-	4

## 180° BENT TUBE



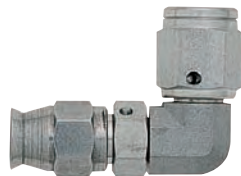
ALUMINUM	STEEL	STAINLESS	SIZE
-	601803	-	3
-	601804	-	4

## 45° FORGED



ALUMINUM	STEEL	STAINLESS	SIZE
-	604602	654602	2
-	604623	654623	2-3*
694603	604603	654603	3
694604	604604	654604	4
694606	604606	654606	6

## 90° FORGED



ALUMINUM	STEEL	STAINLESS	SIZE
-	609102	659102	2
-	609123	659123	2-3*
699103	609103	659103	3
699104	609104	659104	4
699106	609106	659106	6

\*-2 Hose to -3 Female JIC.

\*-2 Hose to -3 Female JIC.

## TEFLON HOSE IN CUSTOM COLORS



# TEFLON HOSE - STAINLESS WIRE BRAIDED

Designed specifically for racing vehicles, our stainless braid protected Teflon® extruded brake hose can be used for improved brake pedal feel and better brake modulation. Resists expansion under high pressure and temps. Also recommended for pressure gauge lines, shock lines, clutch lines, fire extinguisher systems and other types of applications where high pressure protection is a must. **FOR OFF ROAD BRAKE LINE USE ONLY.**



SIZE	HOSE I.D. (IN.)	BULK HOSE* (Specify Length)	CUT TO EXACT LENGTH AND PRE-PACKAGED IN RETAIL BOX **SEE NOTE BELOW				
			3 FT.	6 FT.	10 FT.	15 FT.	20 FT.
2	.080	610002	610302	610602	611002	611502	612002
3	.125	610003	610303	610603	611003	611503	612003
4*	.1875	610004	610304	610604	611004	611504	612004
6*	.3125	610006	610306	610606	611006	611506	612006

\*-4 and -6 are conductive lined to prevent static discharge.

## TECHNICAL SPECIFICATIONS - Temperature Range: -100° F to +450° F

SIZE	HOSE I.D. INCHES	HOSE O.D. INCHES	MAX OPERATING PRESSURE (PSI)	BURST PRESSURE (PSI)	WEIGHT FT/LBS
2	0.080	0.197	3000	12000	0.03
3	0.125	0.254	3000	12000	0.04
4	0.1875	0.301	3000	12000	0.05
6	0.3125	0.439	2500	7500	0.09

## BRAKE LINE ASSEMBLIES

These assemblies are done with crimped and swaged ends and are stocked in the lengths listed below. Custom lengths and Kevlar®/Teflon® assemblies available. Assemblies with 45° ends also available. Call for information and prices. Teflon® and Kevlar® are registered trademarks of DuPont. **FOR OFF ROAD BRAKE LINE USE ONLY.** Assemblies are available in any length.



LENGTH	90° TO STRAIGHT		STRAIGHT TO STRAIGHT	
	3 TO 3	4 TO 4	3 TO 3	4 TO 4
9"	639009	649009	630009	640009
12"	639012	649012	630012	640012
15"	639015	649015	630015	640015
18"	639018	649018	630018	640018
21"	639021	649021	630021	640021
24"	639024	649024	630024	640024
27"	639027	649027	630027	640027
30"	639030	649030	630030	640030
33"	639033	649033	630033	640033
36"	639036	649036	630036	640036
39"	639039	649039	630039	640039
42"	639042	649042	630042	640042
45"	639045	649045	630045	640045
50"	639050	649050	630050	640050
53"	639053	649053	630053	640053

## OIL LINE ASSEMBLIES FOR MOTORCYCLES

Specify any length desired for these -6 Teflon oil lines with 1/8" male npt swivel end fittings. 1/8" male NPT swivel end fittings may be attached to both ends, if desired.



• Bulk hose lengths may be slightly over or under length specified. See bulk hose shipping length patterns on price sheet or on page 71 of this catalog.

\*\*NOTE: Pricing for pre-packaged hose includes an additional packaging charge.

**SEE PAGE 65 FOR COMPLETE ASSEMBLY INSTRUCTIONS.**

# STEEL ADAPTERS FOR BRAKELINES

XRP's steel brake line fittings are subjected to the highest quality control standards to insure a trouble-free, race-ready connection. Made of high quality steel and plated to resist corrosion. All male flare adapters are JIC 37°. Some brake line fittings are also available in stainless. To order **stainless** - change the first digit of the part number from a "4" to a "5" EXAMPLE: 481603 changes to 581603. Call for pricing and availability.

**804**



SIZE TEE BULKHEAD  
ON RUN

3	480403
4	480404

**815**



MALE FLARE UNION  
SM HEX LRG HEX

481573	481503
481574	481504

**816**



FLARE TO 1/8" NPT  
SHORT LONG XL

481603	481673	481683
481604	481674	481684

**818**



Uses  
819 Sleeve

TUBE NUT

481803
481804

**819**



Uses  
818 nut

TUBE SLEEVE

481903
481904

**822**



SIZE 90° FLARE TO 1/8" NPT  
SHORT LONG X-LONG

3	482203	482273	482283
4	482204	482274	482284

**823**



45° FLARE TO  
1/8" NPT PIPE

482303
482304

**824**



FLARED TEE

482403
482404

**832**



Uses  
924 nut

FLARE BULKHEAD

483203
483204

**833**



Uses  
924 nut

SIZE 90° FLARE  
BULKHEAD

3	483303
4	483304

**834**



Uses  
924 nut

FLARE BULKHEAD  
TEE

483403
483404

**837**



Uses  
924 nut

45° FLARE  
BULKHEAD

483703
483704

**924**



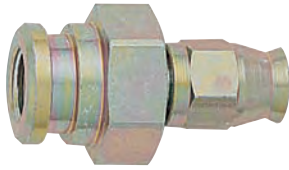
SIZE BULKHEAD  
NUT

3	492403	3/8-24
4	492404	7/16-20

# STEEL ADAPTERS FOR BRAKELINES

## FEMALE BULKHEAD TO HOSE

FOR USE WITH BULKHEAD C-CLIP BELOW.



TEFLON HOSE SIZE	DESCRIPTION	PART NO.
3	3/8" UNF-INV. FLR.	462303
3	M10 x 1.0 INV. FLR.	462313
3	M10 x 1.25 INV. FLR.	462323
3	M10 x 1.0 CONCAVE	462403

## MALE FLARE SEAL ADAPTERS



CONVEX



INVERTED FLARE

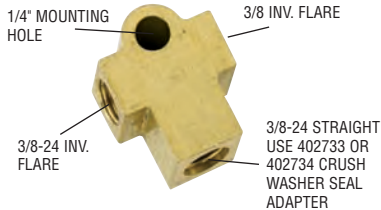
SEAL THREAD	SIZE	PER PAIR
3/8-24 INVERTED FLARE	3	402703
3/8-24 INVERTED FLARE	4	402704
3/8-24 SHORT INVERTED FLARE	3	402713
3/8-24 SHORT INVERTED FLARE	4	402714
7/16-20 INVERTED FLARE	3	402903
7/16-20 INVERTED FLARE	4	402904
7/16-24 INVERTED FLARE	3	402803
7/16-24 INVERTED FLARE	4	402804
M10 X 1.0 INVERTED FLARE	3	420103
M10 X 1.0 INVERTED FLARE	4	420104
M10 X 1.0 CONVEX	3	420003
M10 X 1.0 CONVEX	4	420004
M10 X 1.25 INVERTED FLARE	3	422503
M10 X 1.25 INVERTED FLARE	4	422504
M10 X 1.25 CONVEX	3	412503
M10 X 1.25 CONVEX	4	412504

## BULKHEAD C-CLIP



This handy C-clip securely affixes brake fittings to the chassis. **PART # 402601**

## GM FEMALE TEE 3/8-24 INVERTED FLARE



Brass tee with 3/8-24 concave inverted flares on run, 3/8-24 straight on the branch. Use with 3/8-24 crush washer seal adapters #402733 or 402734.

**PART # 441113**

## FEMALE TO MALE BULKHEAD ADAPTERS

FOR USE WITH BULKHEAD C-CLIP BELOW.



STANDARD



SHORT

FEMALE	MALE	PER PAIR
INVERTED FLARE 3/8-24	3	402603
INVERTED FLARE 3/8-24	4	402604
3/8-24 SHORT INVERTED FLARE	3	402503
3/8-24 SHORT INVERTED FLARE	4	402504
3/8-24 CONCAVE	3	402613
3/8-24 CONCAVE	4	402614
3/8-24 SHORT CONCAVE	3	402513
3/8-24 SHORT CONCAVE	4	402514
M10 X 1.0 INVERTED FLARE	3	410103
M10 X 1.0 INVERTED FLARE	4	410104
M10 X 1.0 CONCAVE	3	410003
M10 X 1.0 CONCAVE	4	410004
M10 X 1.25 INVERTED FLARE	3	432503
M10 X 1.25 INVERTED FLARE	4	432504
M10 X 1.25 CONCAVE	3	432513
M10 X 1.25 CONCAVE	4	432514

## CRUSH WASHER SEAL ADAPTERS\*\*



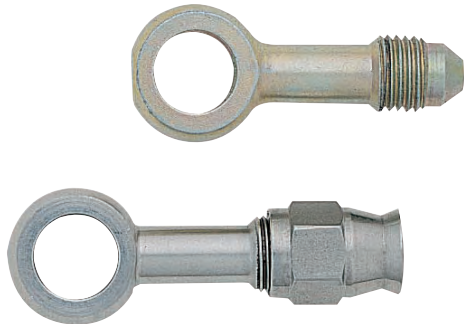
SEAL THREAD	SIZE	PER PAIR
3/8-24	3	402733
3/8-24	4	402734
7/16-20	3	402933
7/16-20	4	402934
7/16-24	3	402833
7/16-24	4	402834
M10 X 1.0	3	420133
M10 X 1.0	4	420134
M10 X 1.25	3	422533
M10 X 1.25	4	422534
M10 X 1.5	3	425033
M10 X 1.5	4	425034

\*\*Crush washer included with these adapters.

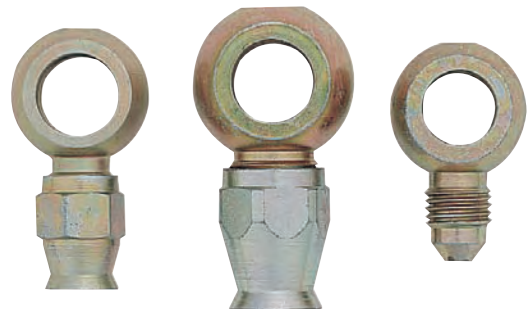
# SPECIALTY BRAKE FITTINGS - BANJOS

XRP's specialty brake and banjos are available in steel, chrome, stainless and aluminum for a variety of popular bolt sizes and with a variety of popular end fittings. Check the chart for individual listings. Ball diameters for the various Series are listed in the notes below.

## STRAIGHT EXTENDED NECK



## SHORT NECK



STYLE	SERIES	BOLT SIZE	END FITTING	STEEL	CHROME	STAINLESS	ALUMINUM
STRAIGHT EXTENDED NECK	1	M10 3/8" OEM HARLEY 3/8" OEM GM	-3 MALE	441133	431133		
			-4 MALE	441144			
			-2 HOSE	441102		541102	
			-3 HOSE	441103	431103	541103	941103
			-4 HOSE	441104			
	1*	7/16"-24 OEM HARLEY	-3 MALE	440133	430133		
			-3 HOSE	440103	430103		
	2	7/16" OEM GM	-3 MALE	443133			
			-4 MALE	443144			
			-3 HOSE	443103			
			-4 HOSE	443104			

STYLE	SERIES	BOLT SIZE	END FITTING	STEEL	CHROME	STAINLESS	ALUMINUM
SHORT NECK	2	M10 3/8"	-3 MALE	403803			
			-4 MALE	403804		503804	
			-3 HOSE	441503		541503	941503
			-4 HOSE	441543		541543	941543
	2	7/16"	-3 MALE	403843			
			-4 MALE	403844			
			-3 HOSE	441534		541534	
			-4 HOSE	441504		541504	
	2**	M12	-3 MALE	403812		503812	
	3	M12	-4 HOSE	441512			

### NOTES:

Series 1 = Ball diameter .650" (approx. 18mm) with .327 (approx. 8mm) across flats.

Harley Series 1\* = Ball diameter .750" (approx. 19mm) with .327 (approx. 8mm) across flats.

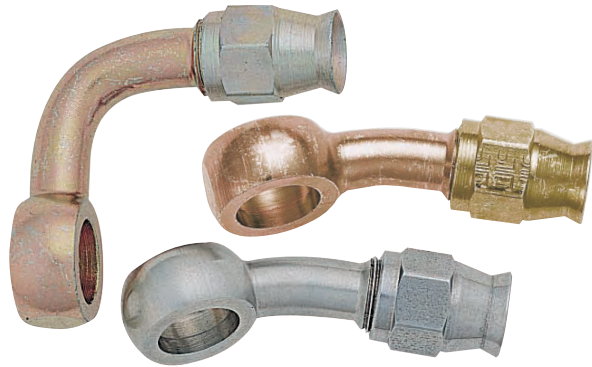
Series 2 = Ball diameter .750" (approx. 19mm) with .480 (approx. 12mm) across flats.

Series 2\*\* = Ball diameter .750" (approx. 19mm) with .415 (approx. 11mm) across flats.

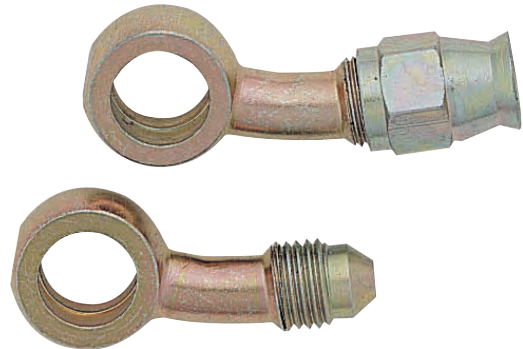
Series 3 = Ball diameter .880" (approx. 23mm) with .625 (approx. 18mm) across flats.

# SPECIALTY BRAKE FITTINGS - BANJOS

## 20°, 40°, 90° BENT EXTENDED NECK



## 20° SIDE BENT EXTENDED NECK



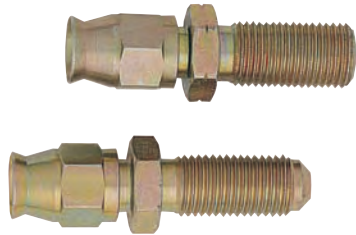
STYLE	SERIES	BOLT SIZE	END FITTING	STEEL	CHROME	STAINLESS	ALUMINUM
20° BENT EXTENDED NECK	1	M10 3/8" OEM HARLEY 3/8" OEM GM	-3 MALE	441233	431233		
			-4 MALE	441244			
			-2 HOSE	441202		541202	
			-3 HOSE	441203	431203	541203	941203
	1*	7/16"-24 OEM HARLEY	-3 MALE	440233	430233		
			-3 HOSE	440203	430203		
	2	7/16" OEM GM	-3 MALE	403003			
			-4 MALE	403004			
			-3 HOSE	443003			
			-4 HOSE	443004			

STYLE	SERIES	BOLT SIZE	END FITTING	STEEL	CHROME	STAINLESS	ALUMINUM
40° BENT EXTENDED NECK	1	M10 3/8" OEM HARLEY 3/8" OEM GM	-3 MALE	441333	431333		
			-4 MALE	441344			
			-2 HOSE	441302		541302	
			-3 HOSE	441303	431303	541303	941303
	1*	7/16"-24 OEM HARLEY	-3 MALE	448333	438333		
			-3 HOSE	448303	438303		

STYLE	SERIES	BOLT SIZE	END FITTING	STEEL	CHROME	STAINLESS	ALUMINUM
90° BENT EXTENDED NECK	1	M10 3/8" GM & HARLEY 3/8"	-3 MALE	448233	438233		
			-2 HOSE	448202		548202	
			-3 HOSE	448203	438203	548203	948203
	1*	7/16"-24 OEM HARLEY	-3 MALE	448033	438033		
			-3 HOSE	448003	438003		

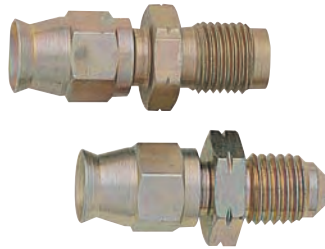
STYLE	SERIES	BOLT SIZE	END FITTING	STEEL	CHROME	STAINLESS	ALUMINUM
20° SIDE BENT EXTENDED NECK	1	M10, 3/8" OEM HARLEY 3/8" OEM GM	-3 MALE	441433	431433		
			-2 HOSE	441402		541402	
			-3 HOSE	441403	431403	541403	941403

# BANJO BOLTS & CONNECTORS



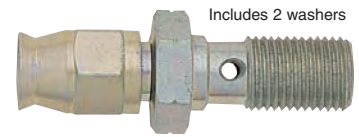
## BULKHEAD TO HOSE

SIZE	DESCRIPTION	PART NO.
3	3/8" -24 FLARE	453003
3	M10 X 1.0 FLARE	453103
3	3/8" -24 INVERTED	453203
3	M10 X 1.0 INVERTED	453303



## MALE TO HOSE

SIZE	DESCRIPTION	PART NO.
3	3/8" -24 FLARE	452203
3	M10 X 1.0 FLARE	452303
3	M10 X 1.25 FLARE	452403
4	7/16" -20 FLARE	452503
3	3/8" -24 INVERTED	452603



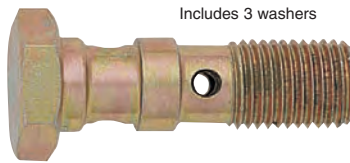
## BANJO BOLT CONNECTOR

SERIES	DESCRIPTION	PART NO.
1	3/8" -24	491013
1	M10 X 1.0	499803
1	M10 X 1.25	499903



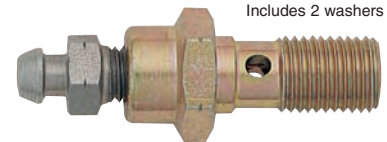
## SINGLE BANJO BOLT

SERIES	DESCRIPTION	PART NO.
1	3/8" -24	494303
1	M10 X 1.0	494403
1	M10 X 1.25	494503
2	M10 X 1.5 - LONG	494703
1	M 10 X 1.5	494603
2	3/8" -24 - LONG	494313
2	M10 X 1.0 - LONG	494413
2	7/16" -20	494704
3	M12 X 1.0	494804
3	M12 X 1.5	494815



## DOUBLE BANJO BOLT

SERIES	DESCRIPTION	PART NO.
1	3/8" -24	494903
1	M10 X 1.0	495003
1	M10 X 1.25	495103
1*	7/16" -20	495203
1*	7/16" -24	495724

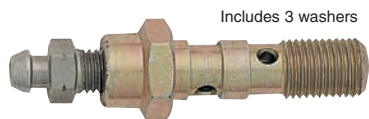


## SGL BANJO BOLT w/ BLEED NIPPLE

SERIES	DESCRIPTION	PART NO.
1	3/8" -24	491353
1	M10 X 1.0	491363
1	M10 X 1.25	491373

### NOTES:

Series 1 = Ball diameter .650" (approx. 18mm) with .327 (approx. 8mm) across flats.  
 Harley Series 1\* = Ball diameter .750" (approx. 19mm) with .327 (approx. 8mm) across flats.  
 Series 2 = Ball diameter .750" (approx. 19mm) with .480 (approx. 12mm) across flats.  
 Series 2\*\* = Ball diameter .750" (approx. 19mm) with .415 (approx. 11mm) across flats.  
 Series 3 = Ball diameter .880" (approx. 23mm) with .625 (approx. 18mm) across flats.



## DBL BANJO BOLT w/ BLEED NIPPLE

SIZE	DESCRIPTION	PART NO.
3	3/8" -24	491383
3	M10 X 1.0	491393
3	M10 X 1.5	491403



## CRUSH WASHERS ALUMINUM & COPPER

SIZE	QTY	PART NO.	I.D.
3	10	890003 (copper)	3/8-10mm
3	10	890103 (alum)	3/8-10mm
4	10	890104 (alum)	7/16
12mm	10	890144 (alum)	12mm

Use with straight threaded adapter fittings when sealing at a port with no relief for an O-ring.



## REPLACEMENT OLIVES

SIZE	ALUM	BRASS	STAINLESS
2	600902	600502	600702
3	600903	600503	600703
4	600904	600504	600704
6	600906	600506	600706

SOLD IN PACKS OF 5.

# BANJO BOLTS & CONNECTORS

Most banjo bolts are also available in aluminum and stainless. To order **aluminum** - change the first digit of part number from a "4" to a "9" EXAMPLE: 494303 changes to 994303. To order **stainless** - change the first digit of part number from a "4" to a "5" EXAMPLE: 494303 changes to 594303.  
 \*Harley Series - For 7/16"-24 single bolt, use Part No. 494724.

Only available in stainless



### 3-WAY THREAD ON BRANCH

SIZE	DESCRIPTION	PART NO.
3	3/8"-24 JIC BRANCH	451073

Only available in stainless



### DOUBLE TAKE OFF 90° BANJO

SIZE	DESCRIPTION	PART NO.
3	M10, 3/8", SERIES 2	441703

Only available in stainless



### 3-WAY MALE W/BACKET

SIZE	DESCRIPTION	PART NO.
3	3-WAY CONNECTOR	451103



### 3-WAY HOSE W/BACKET

SIZE	DESCRIPTION	PART NO.
3	3-WAY W/ BACKET	451113



### DOUBLE TAKE OFF BANJO

SERIES	DESCRIPTION	PART NO.
1	-3 HOSE EXTENDED	445703
2	-3 HOSE	441603
2	-3 MALE	441513

Only available in stainless



### 3-WAY HOSE BANJO

SIZE	DESCRIPTION	PART NO.
3	3/8", M10	441123

USES SERIES 2 BOLT

## OUR TEFLON® BRAID SEPARATING TOOL MAKES ASSEMBLY EASY

Using XRP's Separating Tool is the quickest way to flare stainless braid away from -3 and -4 Teflon hose for easy insertion of the olive during assembly. **PART NO. 821060**



STEP ONE Insert hose on arbor.



STEP TWO Flare braid using a twisting motion.



STEP THREE Insert olive on tube and under braid.



STEP FOUR Seat olive with a push.

SEE PAGE 57 FOR COMPLETE ASSEMBLY INSTRUCTIONS.

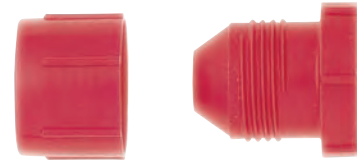
# PERFORMANCE ACCESSORIES

## TANK CAPS



PART NO.	DESCRIPTION
821015	TANK CAP W/ ALUMINUM WELDING NECK
821025	TANK CAP & 2-5/16" - 18 THREADED STEEL NECK
821030	THREADED ALUMINUM WELDING BUNG 2-5/16" - 18
821035	REPLACEMENT GASKET FOR TANK CAPS

## PLASTIC PLUGS & CAPS



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
840003	-3 CAP	850003	-3 PLUG
840004	-4 CAP	850004	-4 PLUG
840006	-6 CAP	850006	-6 PLUG
840008	-8 CAP	850008	-8 PLUG
840010	-10 CAP	850010	-10 PLUG
840012	-12 CAP	850012	-12 PLUG
840016	-16 CAP	850016	-16 PLUG
840020	-20 CAP	850020	-20 PLUG

## SAFETY WIRE TWISTING PLIERS



PART NO.	DESCRIPTION
820001	9" PLIERS

## XRP SAFETY WIRE



SOLD IN  
1 LB. SPOOLS

PART NO.	DESCRIPTION
820020	.020 STAINLESS
820025	.025 STAINLESS
820032	.032 STAINLESS
820041	.041 STAINLESS

## LIQUID FILLED PRESSURE GAUGE

1-1/2"  
diameter  
shown



PART NO.	THREAD SIZE	RANGE
710000	1/8 MALE NPT	0-15
710030	1/8 MALE NPT	0-30
710060	1/8 MALE NPT	0-60
710100	1/8 MALE NPT	0-100

Other ranges and mounts available.

# PERFORMANCE ACCESSORIES

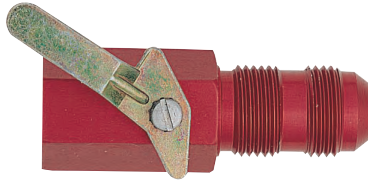
## QUICK DISCONNECT FITTINGS



ALUMINUM	STEEL	DESCRIPTION*
977703	477703	-3 TO -3
977704	477704	-4 TO -4
977706	477706	-6 TO -6
977708	477708	-8 TO -8
977710	477710	-10 TO -10
977712	477712	-12 TO -12
977716	477716	-16 TO -16

\*Female pipe ends available.

## SHUT OFF VALVES



PART NO.	DESCRIPTION
730502	-6 BULKHEAD W/3/8" FEM NPT
730503	-8 BULKHEAD W/3/8" FEM NPT
730506	-6 BULKHEAD WITH -6 MALE
730508	-8 BULKHEAD WITH -8 MALE
730510	-10 BULKHEAD WITH -10 MALE
730511	-10 BULKHEAD W/1/2" FEM NPT
730512	-12 BULKHEAD WITH -12 MALE
730513	-12 BULKHEAD W/3/4" FEM NPT

## ENGINE VALLEY BREATHER TUBE



Forces oil accumulation in valley for dry sump scavenge. Install in lifter drain back holes. Tap drain back holes to 1/4 NPT.

PART NO.	QUANTITY
703002	2
703004	4
703008	8

## TEMPERATURE GAUGE ADAPTERS



Allows temperature gauge probe to be installed inline using AN tee fittings

PART NO.	DESCRIPTION	SIZE
992913	AN Cap for Thermocoupler	12
992917	AN Cap for Thermocoupler	16

Caps are tapped with a 5/8"-20 thread for probe end.

## CHECK VALVES



PART NO.	SIZE
732506	-6 POPPET
732508	-8 POPPET
732510	-10 POPPET
732512	-12 POPPET
732604	-4 FLAPPER
732606	-6 FLAPPER
732608	-8 FLAPPER
732610	-10 FLAPPER
732612	-12 FLAPPER
732616	-16 FLAPPER

Poppet uses a spring-loaded ball check. Flapper uses a hinged metal gate with rubber gasket and must be installed **with the direction of flow** and **against gravity** or force (otherwise the weight of the fluid could cause the swing gate to open).

# WASHERS, SEALS, O-RINGS & CLAMPS

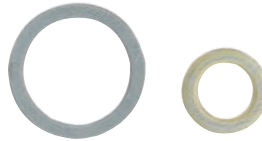
## O-RINGS



SIZE	QTY	BUNA N	VITON	EPR*
3	10	801003	802003	803003
4	10	801004	802004	803004
6	10	801006	802006	803006
8	10	801008	802008	803008
10	10	801010	802010	803010
12	10	801012	802012	803012
16	5	801016	802016	803016
20	5	801020	802020	803020

\*EPR - Ethylene Propylene Rubber to be used with nitromethane and alcohol fuels.

## CRUSH WASHERS ALUMINUM & COPPER



SIZE	QTY	PART NO.	I.D.
3	10	890003 (copper)	3/8-10mm
3	10	890103 (alum)	3/8-10mm
4	10	890104 (alum)	7/16
12mm	10	890144 (alum)	12mm
6	5	890106 (alum)	9/16
8	5	890108 (alum)	3/4
10	5	890110 (alum)	7/8
12	5	890112 (alum)	1-1/16
16	2	890116 (alum)	1-5/16
20	2	890120 (alum)	1-5/8

Use with straight threaded adapter fittings when sealing at a port with no relief for an O-ring.

## STAT-O-SEALS



Our best sealing washer, Stat-O-Seal consists of a Buna N O-ring mechanically locked to the I.D. of an aluminum washer. When tightened, the O-ring is compressed around the bolt shank, forming a positive seal over a temperature range of -85° F to 450° F. Stat-O-Seal is more efficient than copper or fibre sealing washers.

PART NO.	QTY	I.D.
890203	2	3/16
890204	2	1/4
890205	2	5/16
890206	2	3/8
890207	2	7/16
890208	2	1/2
890209	2	9/16
890210	2	5/8
890212	2	3/4
890214	2	7/8
890216	2	1"

## ALUMINUM CUSHION CLAMPS



HOSE SIZE*	I.D.	PART NO.	QTY.
3 (Hard Line)	3/16	810203	10
3 (Teflon)	1/4	810233	10
4 (Teflon)	5/16	810244	10
4	7/16	810204	10
6	9/16	810206	10
8	11/16	810208	5
10	13/16	810210	5
12	15/16	810212	5
16	1-3/16	810216	5
20	1-1/2	810220	5

\*Sized for stainless steel braided hoses. Use clamp I.D. to determine size required for other hoses or tubing.

## FULL MARINE GRADE STAINLESS STEEL WORM CLAMPS



SIZE	PART NO.	QTY.	I.D. RANGE
4-8	810108	4	1/4 to 5/8
10	810110	4	7/16 to 3/4
12	810112	4	1/2 to 7/8
14	810114	4	9/16 to 1-1/16
16	810116	4	15/16 to 1-1/2
20	810120	4	1-3/16 to 1-3/4
28	810128	2	1-7/16 to 2"
32	810132	2	1-15/16 to 2-1/2

For silicone hose, use our liner clamps **ONLY**.  
NOTE: These clamps use full marine grade stainless steel in the band and screw.

## LINER HOSE CLAMPS FOR SILICONE HOSE



PART NO.	QTY.	SIZE
819406	4	9/16 - 13/16
819408	4	11/16 - 15/16
819410	4	13/16 - 11/16
819412	4	15/16 - 1-1/4
819420	4	1" - 1-3/4
819428	2	1-5/16 - 2-1/4
819436	2	1-13/16 - 2-3/4
819440	2	2-1/16 - 3"
819444	2	2-5/16 - 3-1/4
819448	2	2-9/16 - 3-1/2
819460	2	3-5/16 - 4-1/4

Fully lined to prevent extrusion of hose through band.



## FUNNY CAR BODY WASHERS

Required by NHRA for mounting funny car body to the frame structure. Black anodized 6061-T6 aluminum. 7/8" diameter. 1/8" thick. Hole for #10 screw. Two styles available: **Part No. 897100** with flat surface and **Part No. 897182** with 82° countersink for flathead screws.

# HOSE INSULATION

XRP offers several products to protect engine hoses and wires in high temperature applications. The descriptions below will help you choose the best product for your needs. All products are sold by the foot. Be sure to specify length when ordering.

## FYRE JACKET



**FYRE JACKET** is a smooth silver silicone-coated glass sleeving, engineered to withstand continuous temperatures to 500°F. Fyre Jacket can provide short term direct flame protection and is expandable for easy installation over completed hose assemblies. XRP has sized this product to provide a tight fit on our braided stainless steel CPE hose.

SIZE*	I.D.	FYRE JACKET
3-4 Teflon	-	-
4	7/16"	320204
6	1/2"	320206
8	5/8"	320208
10	3/4"	320210
12	7/8"	320212
16	1"	320216
20	1-1/4"	320220

\*Sized for stainless steel braided hose on page 1. Use I.D. dimensions for other hoses or cables.

## FYRE FOIL II

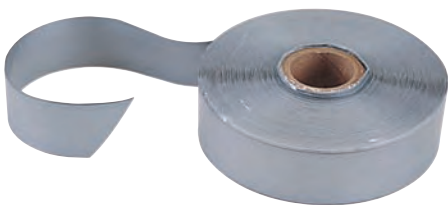


**FYRE FOIL II** is a very lightweight fiberglass sleeving laminated with a mylarized aluminum surface that provides radiant heat protection to 800°F. The mylar surface resists abrasion and brake fluid. Fyre Foil II is NOT expandable and should be slipped over the hose **BEFORE** assembly.

SIZE*	I.D.	FYRE FOIL II
3-4 Teflon	3/8"	320503
4	1/2"	320504
6	5/8"	320506
8	3/4"	320508
10	7/8"	320510
12	1"	320512
16	1-1/4"	320516
20	1-1/2"	320520
48	3-1/4"	320548
FYRE BLANKET 40" wide; sold by the foot		320500

\*Sized for stainless steel braided hose on page 1. Use I.D. dimensions for other hoses or cables.

## FYRE TAPE



**FYRE TAPE** is a 1" wide silver silicone tape product used to wrap hoses, wires and cables for protection. This product is reinforced with an embedded fiber and adheres to itself when wrapped in an overlapping manner. FYRE TAPE is sold in 36' rolls.

PART NO.	DESCRIPTION
320200	FYRE TAPE

## NEW... FYRE FOIL LITE SLEEVING



An ultra-lightweight fiberglass laminated sleeve with a mylarized aluminum surface for radiant heat protection to 800°F, Fyre Foil Lite has an **internal seam** for a smooth exterior with **no visible stitching**. Abrasion resistant. Repels brake fluid. Fyre Foil Lite is **NOT** expandable and should be slipped over the hose **BEFORE** assembly.

SIZE	I.D.	FYRE FOIL LITE
3-4 Teflon	3/8"	320703
4	1/2"	320704
6	5/8"	320706
8	3/4"	320708
10	7/8"	320710
12	1"	320712
16	1-1/4"	320716
20	1-1/2"	320720

SEE PAGE 67 FOR COMPLETE ASSEMBLY INSTRUCTIONS.

# SILICONE HOSE

Silicone hose operating pressure varies from 50 PSI to 110 PSI depending on size. Fluid and vacuum hoses have a maximum operating temperature of 350° F. Turbo hoses have a maximum operating temperature of 500° F. **DO NOT USE WITH GASOLINE.**

## COOLANT HOSE



PART NO.	I.D.
370100	1"
370125	1-1/4"
370150	1-1/2"
370175	1-3/4"
370200	2"
370225	2-1/4"
370250	2-1/2"
370275	2-3/4"
370300	3"

All sizes available in 3' lengths **ONLY**.  
Custom lengths to 12'.

## VACUUM HOSE



PART NO.	I.D.
350012	1/8"
350018	3/16"
350025	1/4"
350031	5/16"
350038	3/8"

All sizes available in 25' or 50'  
lengths **ONLY**.

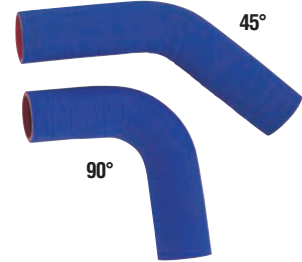
## HEATER HOSE



PART NO.	I.D.
380025	1/4"
380031	5/16"
380038	3/8"
380050	1/2"
380062	5/8"
380075	3/4"
380100	1"

All sizes available in 25' or 50'  
lengths **ONLY**.

## PREFORMED HOSE



	45°	90°	I.D.	RADIUS
-	390100	1"	1.5"	
-	390125	1-1/4"	1.75"	
-	390150	1-1/2"	2"	
345175	390175	1-3/4"	1.75"	
-	390200	2"	4"	
-	390225	2-1/4"	4"	
-	390250	2-1/2"	3"	
-	390275	2-3/4"	3.5"	

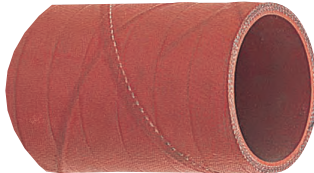
Other sizes available on request.

## TURBO HOSE

### 3-PLY



### 4-PLY



3-PLY	4-PLY	I.D.
362125	364125	1-1/4"
362150	364150	1-1/2"
362175	364175	1-3/4"
362200	364200	2"
362250	364250	2-1/2"
362275	364275	2-3/4"
362300	364300	3"
362312	364312	3-1/8"
362350	364350	3-1/2"

All sizes available in 3' lengths **ONLY**.  
62 Series is 3-ply glass fiber reinforced.  
64 Series is 4-ply glass fiber reinforced.

## LINER\* HOSE CLAMPS FOR SILICONE HOSE



PART NO.	QTY.	SIZE
819406	4	9/16 - 13/16
819408	4	11/16 - 15/16
819410	4	13/16 - 1-1/16
819412	4	15/16 - 1-1/4
819420	4	1 - 1-3/4
819428	2	1-5/16 - 2-1/4
819436	2	1-13/16 - 2-3/4
819440	2	2-1/16 - 3
819444	2	2-5/16 - 3-1/4
819448	2	2-9/16 - 3-1/2
819460	2	2-5/16 - 4-1/4

\*Fully lined to prevent extrusion of hose through band.

# FLEXIBLE AIR DUCTING

XRP offers three lines of Flexible Air Ducting for racing vehicles and high performance street use. All our air ducting is designed to give top performance and long life. Details of duct construction and temperature ratings are listed below.

## FLEX DUCT- NEOPRENE COATED - 88 & 881 SERIES

Both 88 Series and 881 Series hoses are neoprene coated fiberglass fabric cover and liner, permanently vulcanized together, enclosing a corrosion resistant spring steel wire helix for smoother internal flow. Externally reinforced with fiberglass cord. Eliminates kinking where sharp bends may be encountered. 881 hose does not have the inner liner and is available in 2.5" and 3" sizes only.

**SOLD IN 12-FOOT LENGTHS**

**TEMPERATURE RANGE: -65° F TO +300° F**



PART NO.	I.D.
880010	1"
880015	1.5"
880020	2"
880025	2.5"
880030	3"
880040	4"
880050	5"
881025	2.5" Unlined
881030	3" Unlined

## HI TEMP FLEX DUCT - SILICONE COATED - 89 SERIES

Similar to Neoprene Flex Duct, but with a silicone rubber coated fiberglass fabric cover and liner. Liner and cover are permanently vulcanized together, enclosing the core helix for smoother internal flow. Externally reinforced with fiberglass cord.

**SOLD IN 12-FOOT LENGTHS**

**TEMPERATURE RANGE : -75° F TO +500° F (+600° F INTERMITTENT HEAT)**



PART NO.	I.D.
890010	1"
890015	1.5"
890020	2"
890025	2.5"
890030	3"
890040	4"

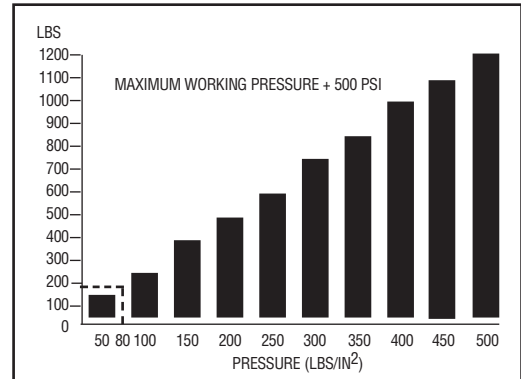
# AIRJACK SYSTEMS

Strong, reliable Airjack Systems, manufactured by James Lister & Sons in England, offer the ultimate in high performance, materials and design. Jack bodies are made from a high strength alloy missile forging hard anodized and teflon dipped for longer wear. All Airjacks feature inner springs of HS3 spring steel, extra-tough steel extruded pistons with hard chrome finish, sintered bronze bearings and hard anodized foot. See bar charts for lifting capacities. JLS Airjack Systems are used by Saloon, Sportscar and GT series teams throughout the world. The New AJ-03 series, with greater lift capacity, can be used in conjunction with the AJ-01 in the same system, because both have the same working pressure. We also offer lightweight units with a composite carbon fiber piston rod, which are listed below with the letter "C" after the part number. The most popular lengths and strokes in stock. Special orders are available. Call for details. **ALL JACKS HAVE INLET PORT THREAD OF M14 X 1.5 AND 35 BAR WORKING PRESSURE (500 PSI).**

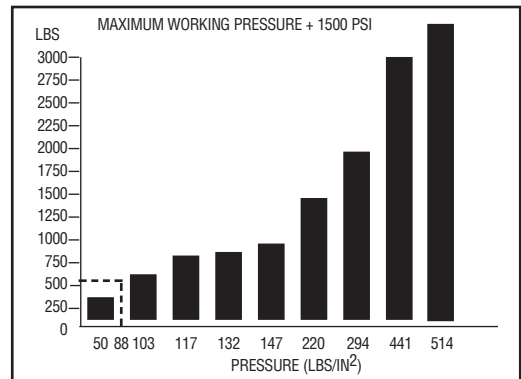


**SPECIAL LIGHTWEIGHT UNITS WITH CARBON FIBER PISTONS ALSO AVAILABLE.**

## LIFTING CAPACITY - 52 MM



## LIFTING CAPACITY - 88 MM



### 52 MM CYLINDER DIAMETER AIRJACK SYSTEMS

JLS CODE	PART NO.	OVERALL LENGTH	MAX LIFT CAPACITY*	STROKE	WEIGHT
AJ 01	870010	16.125" (407 MM)	1,100 LBS./500 KG	10.625" (270 MM)	2.97 LBS. (1.35 KG)
AJ 02	870007	12" (305 MM)	1,100 LBS./500 KG	7.062" (180 MM)	2.42 LBS. (1.10 KG)
AJ 01C (carbon fiber)	870020	16.125" (407 MM)	1,100 LBS./500 KG	10.625" (270 MM)	2.20 LBS. (1.00 KG)
AJ 02C (carbon fiber)	870027	12" (305 MM)	1,100 LBS./500 KG	7.062" (180 MM)	1.87 LBS. (0.85 KG)

### 88 MM CYLINDER DIAMETER AIRJACK SYSTEMS

JLS CODE	PART NO.	OVERALL LENGTH	MAX LIFT CAPACITY*	STROKE	WEIGHT
AJ 03	870011	14" (355 MM)	3,300 LBS./1500 KG	9" (230 MM)	5.06 LBS. (2.30 KG)
AJ 04	870012	8.86" (225 MM)	3,300 LBS./1500 KG	4.33" (110 MM)	3.52 LBS. (1.60 KG)
AJ 03C (carbon fiber)	870021	14" (355 MM)	3,300 LBS./1500 KG	9" (230 MM)	4.29 LBS. (1.95 KG)
AJ 04C (carbon fiber)	870022	8.86" (225 MM)	3,300 LBS./1500 KG	4.33" (110 MM)	2.97 LBS. (1.35 KG)

\*Maximum lift capacity shown at 500 PSI (35 BAR)

# AIRJACK FITTINGS & ACCESSORIES

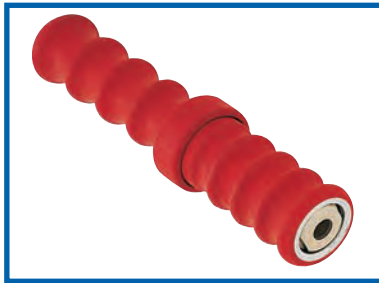


## AIRJACK SUPPORT STANDS

A failsafe device, the stands prevent the retraction of the piston in case air supply is cut off.

### PART NO. DESCRIPTION & STROKE

871007	FOR 52 MM JACKS/ 7" STROKE
871010	FOR 52 MM JACKS/ 10" STROKE
871011	FOR 88 MM JACKS/ 9" STROKE
871012	FOR 88 MM JACKS/ 4" STROKE

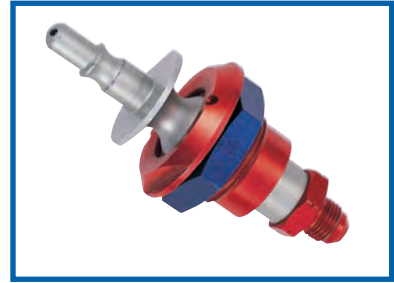


## LANCE

For use with either high pressure or low pressure Airjack Systems. Easy to use.

### PART NO. DESCRIPTION

870008	LANCE
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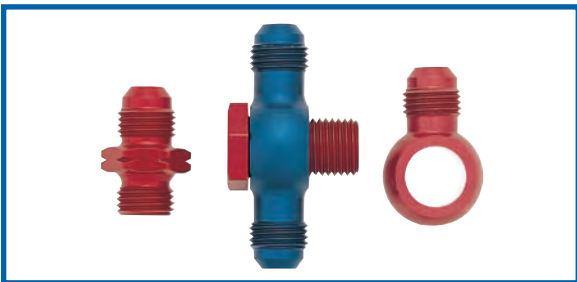


## PROBE

Can be used to temporarily keep the Airjacks activated without the need for a continuous air supply. Special coating ensures smooth operation and durability.

### PART NO. DESCRIPTION

870009	PROBE
--------	-------



## BANJO FITTINGS, ADAPTERS, BOLTS, TEES & CONNECTORS

Some popular fittings listed below. See pages 21-28 of this catalog for an extensive range of choices from XRP.

### PART NO. DESCRIPTION

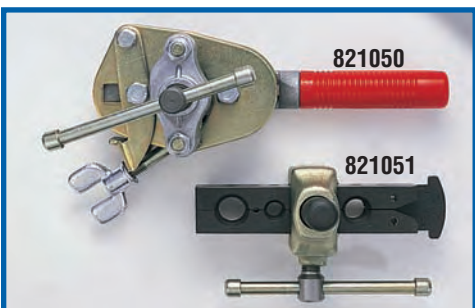
871406	M14 X 1.50 TO -6 MALE AN INLET FITTING
871416	14MM BANJO TO -6 MALE AN SINGLE TAKE OFF
871426	14MM BANJO TO -6 MALE AN DOUBLE TAKE OFF
871430	M14 X 1.50 BOLT (WITH CRUSH WASHERS)



## ADJUSTING NUTS AND REPAIR SEALS

### PART NO. DESCRIPTION

870002	AIRJACK ADJUSTING NUT FOR 52MM MODELS (3)
870004	AIRJACK ADJUSTING NUT FOR 88MM MODELS (3)
870001	AIRJACK REPAIR SEAL FOR 52MM MODELS (1 EACH)
870003	AIRJACK REPAIR SEAL 88MM MODELS (1 EACH)



## TUBE FLARING TOOLS

Designed specifically for 37° flaring hardline tubing. Rolo Flaring Tool deburs too!

### PART NO. DESCRIPTION TUBE SIZES

821050	ROLO-FLAIR FLARING TOOL	1/8, 3/16, 1/4, 3/8, 7/16, 1/2, 5/8, 3/4
821051	IMPACT FLARING TOOL	1/8, 3/16, 1/4, 3/8, 7/16, 1/2, 5/8



## ALUMINUM HARDLINE TUBE WITH PROTECTIVE PLASTIC COATING

The lightest, most cost-effective way to pipe an Airjack system. Resists wear, abrasion, corrosion and impact. Easy to install. Use with AN 37° flare system and standard AN adapters. Hand bendable type also available.

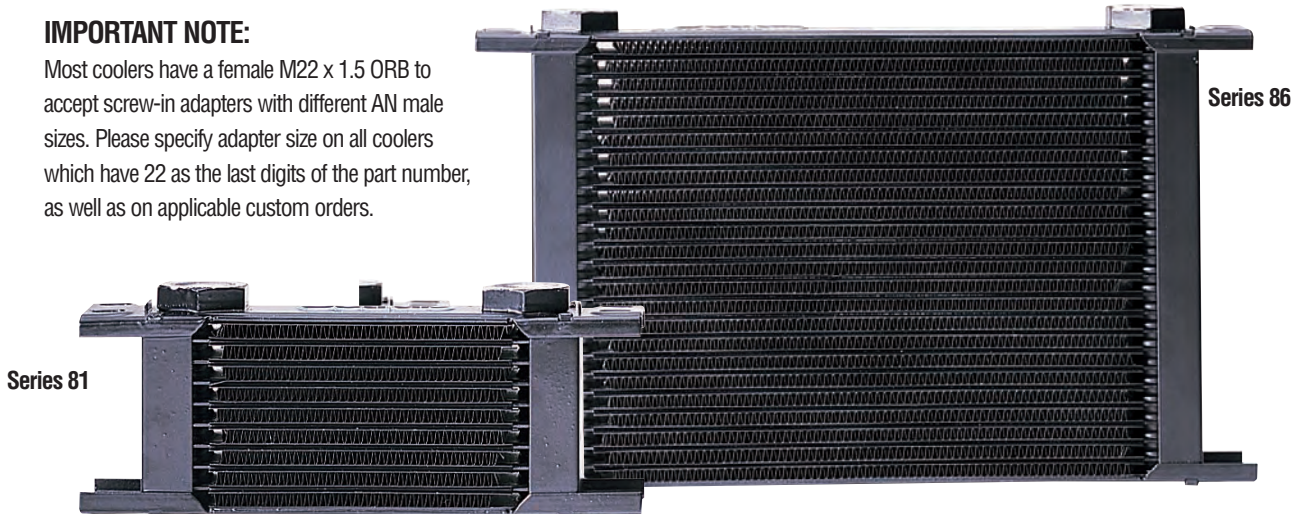
**CALL FOR ORDERING INFORMATION.**

# STACK PLATE OIL COOLERS

XRP offers a terrific selection of the industry's highest quality coolers in a wide range of applications and profiles. We have the two most popular profiles, **Series 81 and Series 86**, in stock and custom orders are available too. See individual listings and approximate dimensions below. These stack plate oil coolers are fully brazed on all contact surfaces inside and out. Highly efficient heat exchange.

## IMPORTANT NOTE:

Most coolers have a female M22 x 1.5 ORB to accept screw-in adapters with different AN male sizes. Please specify adapter size on all coolers which have 22 as the last digits of the part number, as well as on applicable custom orders.



### 81 SERIES

PART NO.	NO. OF ROWS	MATRIX HEIGHT	TOTAL WIDTH	SIZE FITTING
810722	7	2"	8-1/4"	FEMALE M22 X 1.5 PORT
811022	10	3"	8-1/4"	FEMALE M22 X 1.5 PORT
811322	13	3-7/8"	8-1/4"	FEMALE M22 X 1.5 PORT
811338	13	3-7/8"	8-1/4"	3/8 NPT FEM
811622	16	4-7/8"	8-1/4"	FEMALE M22 X 1.5 PORT
811922	19	5-3/4"	8-1/4"	FEMALE M22 X 1.5 PORT
812522	25	7-5/8"	8-1/4"	10 AN MALE
813422	34	10-1/4"	8-1/4"	12 AN MALE
817222	72	22-1/4"	8-1/4"	12 AN MALE
817213	72	22-1/4"	8-1/4"	12 DIAGONAL FLOW
817216	72	22-1/4"	8-1/4"	16 AN MALE

### 86 SERIES

PART NO.	NO. OF ROWS	MATRIX HEIGHT	TOTAL WIDTH	SIZE FITTING
860722	7	2"	13"	FEMALE M22 X 1.5 PORT
861022	10	3"	13"	FEMALE M22 X 1.5 PORT
861322	13	3-7/8"	13"	FEMALE M22 X 1.5 PORT
861338	13	3-7/8"	13"	3/8" NPT FEM
861622	16	4-7/8"	13"	FEMALE M22 X 1.5 PORT
861608	16	4-7/8"	13"	8 AN MALE
861610	16	4-7/8"	13"	10 AN MALE
861638	16	4-7/8"	13"	3/8" NPT FEM
861905	19	5-3/4"	13"	1/2" NPT FEM
861922	19	5-3/4"	13"	FEMALE M22 X 1.5 PORT
861938	19	5-3/4"	13"	3/8" NPT FEM
862522	25	7-5/8"	13"	FEMALE M22 X 1.5 PORT
862509	25	7-5/8"	13"	8 AN MALE 2 PASS
862511	25	7-5/8"	13"	10 AN MALE 2 PASS
862513	25	7-5/8"	13"	12 AN MALE 2 PASS
862516	25	7-5/8"	13"	16 AN MALE
862538	25	7-5/8"	13"	3/8" NPT FEM
863422	34	10-1/4"	13"	FEMALE M22 X 1.5 PORT
863416	34	10-1/4"	13"	16 AN MALE
864022	40	12-1/8"	13"	FEMALE M22 X 1.5 PORT
864422	44	13-3/8"	13"	FEMALE M22 X 1.5 PORT
864416	44	13-3/8"	13"	16 AN MALE
865022	50	15-1/4"	13"	FEMALE M22 X 1.5 PORT
865016	50	15-1/4"	13"	16 AN MALE
866022	60	18-1/2"	13"	12 AN MALE
866016	60	18-1/2"	13"	16 AN MALE

## HOW TO ORDER CUSTOM OIL COOLERS BY PART NUMBER

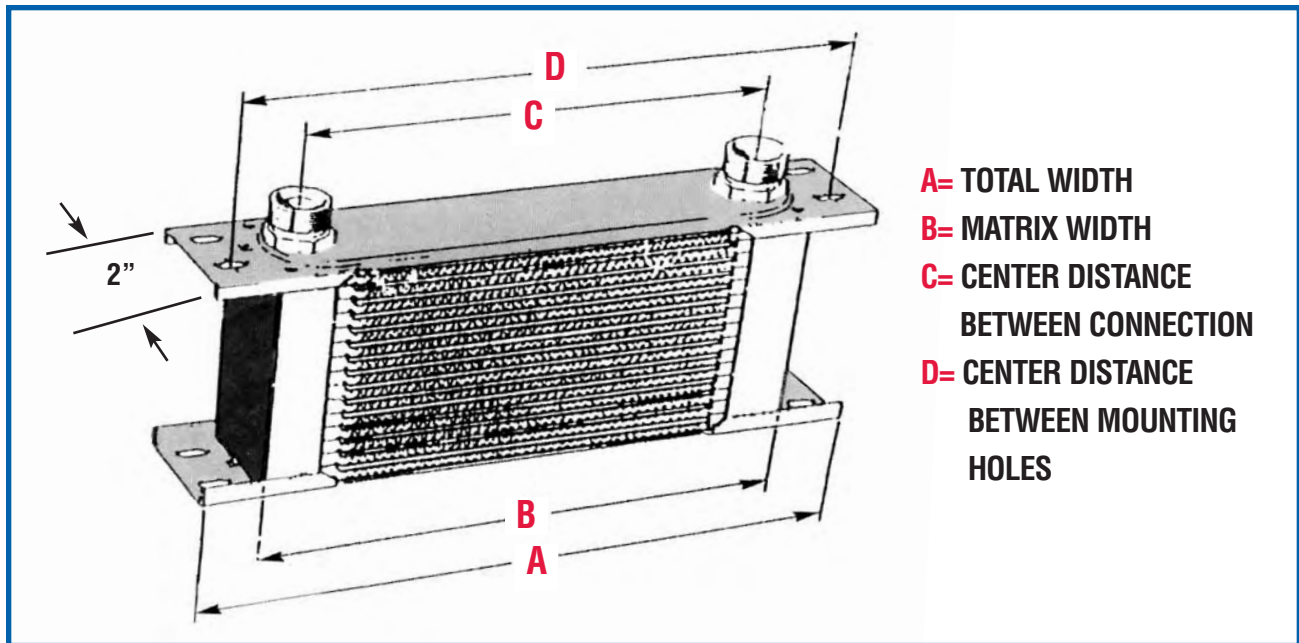
The first two digits of part numbers indicate type, the second two digits indicate the number of rows and the last two digits indicate inlet/outlet size. Let's use 861338 as an example:

**86** TYPE      **13** NO. OF ROWS      **38** INLET/OUTLET SIZE

On all coolers that require 6, 8, 10 or 12 AN MALE, the last two digits will be 22 signifying that they have a female M22 x 1.5 ORB to accept screw-in adapters with different AN male sizes. Please specify adapter size on all coolers which have 22 as the last digits of the part number. For example, for 865022, specify adapter size.

**86** TYPE      **50** NO. OF ROWS      **22** INLET/OUTLET SIZE

# STACK PLATE OIL COOLERS



- A= TOTAL WIDTH**
- B= MATRIX WIDTH**
- C= CENTER DISTANCE BETWEEN CONNECTION**
- D= CENTER DISTANCE BETWEEN MOUNTING HOLES**

INVENTORY STATUS	SERIES TYPE	(A) TOTAL WIDTH	(B) MATRIX WIDTH BETWEEN CONNECTION	(C) CENTER DISTANCE BETWEEN MNTG. HOLES	(D) CENTER DISTANCE
<b>IN STOCK</b>	81	8.250	6.500	5.125	7.500
CUSTOM ORDER	82	9.000	7.250	6.000	8.250
CUSTOM ORDER	83	10.000	8.250	7.000	9.250
CUSTOM ORDER	84	11.000	9.250	8.000	10.250
CUSTOM ORDER	85	12.000	10.250	9.000	11.250
<b>IN STOCK</b>	86	13.000	11.250	10.000	12.250
CUSTOM ORDER	87	14.000	12.250	11.000	13.250
CUSTOM ORDER	88	15.000	13.250	12.000	14.250
CUSTOM ORDER	89	16.000	14.250	13.000	15.250

SEE DIAGRAM ABOVE FOR (A) (B) (C) (D).

## SCREW-IN ADAPTERS FOR STACK PLATE OIL COOLERS



## DOUBLE SWIVEL TRIPLE-SEALED FITTINGS FOR SETRAB STACK PLATE OIL COOLERS WITH M22 X 1.5 FEMALE PORT

Designed to mount directly onto stack plate oil cooler inlets. For use with XRP HS 79 Smooth-Bore Teflon hose, Braided Stainless Steel CPE hose or CPE Elastomer Push-On hose. 45° and 90° in stock. 30°, 60°, 120°, 150° and 180° by special order.

PART NO.	DESCRIPTION	SIZE
922004	M22 X 1.5 ORB	4 AN MALE
922006	M22 X 1.5 ORB	6 AN MALE
922008	M22 X 1.5 ORB	8 AN MALE
922010	M22 X 1.5 ORB	10 AN MALE
922012	M22 X 1.5 ORB	12 AN MALE

SIZE	ANGLE	PART NO. FOR SS CPE HOSE	PART NO. FOR HS-79 HOSE
6	45°	204506M22	224506M22
6	90°	209006M22	229006M22
8	45°	204508M22	224508M22
8	90°	209008M22	229008M22
10	45°	204510M22	224510M22
10	90°	209010M22	229010M22
12	45°	204512M22	224512M22
12	90°	209012M22	229012M22

# ENGINE BEARINGS - ALECULAR PRO SERIES

Alecular Engine Bearings are proven effective on circle track engines running at 8000 rpm, on Top Fuel blown engines producing over 5500 HP as well as on high performance street vehicles.

Alecular material offers an extremely high temperature threshold, high load capacity, excellent conformability and embedability.

Manufactured by King Bearings, a leader in the bearing field, Alecular bearings are subjected to strict tolerance control ensuring that the shells are matched to .0001" within a set, which means no more broken sets due to shell variations.



**ENGINES LISTED IN THIS COLUMN MAY USE...**

**ANY OF THESE ROD BEARINGS...**

**AND ANY OF THESE MAIN BEARINGS**

Chevy V8 305 1976-93 Chevy V8 350 1967-93	CR-850-HP* dowel hole <b>OR</b> CR-848-HP* no dowel hole	MB-5142-HP* 240° grooved <b>OR</b> MB-5160-HP* fully grooved
Chevy V8 302 1967 Chevy V8 327 1962-67	CR-852-HP dowel hole <b>OR</b> CR-851-HP no dowel hole	- -
Chevy V8 400 1970-80	CR-850-HP* dowel hole <b>OR</b> CR-848-HP* no dowel hole	MB-5143-HP* 240° grooved <b>OR</b> MB-5163-HP* fully grooved
Chevy V8 396 1965-70 Chevy V8 427 1966-93 Chevy V8 454 1970-93	CR-853-HP dowel hole <b>OR</b> CR-849-HP no dowel hole	MB-5147-HP** 240° grooved <b>OR</b> MB-5164-HP fully grooved
Chrysler V8 426 Alum. Hemi. (Standard Only)	CR-840-HP 8 uppers & 8 lowers <b>OR</b> CR-863-HP 16 uppers only <b>OR</b> CR-838-HP 16 lowers only	MB-5116-HP full set <b>OR</b> MB-5154-HP 10 lowers including 2 lower flanges <b>OR</b> MF-5116-HP flanges only, 2 uppers, 2 lowers <b>OR</b> MB-5218-HP 10 uppers including 2 upper flanges
Ford V8 289 1963-68 Ford V8 302 1968-93	CR-855-HP dowel hole <b>OR</b> CR-854-HP no dowel hole	MB-5161-HP 240° grooved <b>OR</b> MB-5162-HP fully grooved
Ford V8 351C 1970-74 including NASCAR/ARCA w/ 2.100" rod journal	CR-848-HP* no dowel hole	MB-5169-HP 240° grooved
Ford V8 429 1963-73, 1979-98 Ford V8 460 1968-98	CR-874-HP*** no dowel hole	MB-5242-HP*** 240° grooved

**SIZES AVAILABLE:**

**STD**X (.001 extra clearance), **STD** .001, .010X, .010, .011, .020

**Chrysler Hemi: STD Only.**

\*Also available in .020X, .020, .021 and .030

\*\*Also available in .030

\*\*\*Also available up to .011 only, except CR-874-HP is also available in .020 & .030

**BEARING FEATURES:**

Micro-fine unplated finish.

Mains are narrowed for large radii crankshaft. 240° extended grooving. 5/16 chamfered oil holes.

Rods have large 45° chamfer on crank cheek side of bearing.

# INSTALLATION ACCESSORIES & TOOLS

Anodized color coded wrenches sized to fit the swivel nuts on hose ends. These wrenches have a fully radiused edge to fit your hand. Machined from heat treated 2024 aluminum alloy to withstand the demands of professional race teams. Available single or double ended. USE STEEL WRENCHES FOR HOSE END ASSEMBLY.

## PRO SERIES WRENCHES - SINGLE END



PART NO.	DESCRIPTION
750001	SINGLE END COMPLETE SET 3-20
750003	SINGLE END 3
750004	SINGLE END 4
750006	SINGLE END 6
750008	SINGLE END 8
750010	SINGLE END 10
750012	SINGLE END 12
750016	SINGLE END 16
750020	SINGLE END 20

## PRO SERIES WRENCHES - DOUBLE END



PART NO.	DESCRIPTION
750000	DOUBLE END COMPLETE SET 3-20
750404	DOUBLE END 3 AND 4
750208	DOUBLE END 6 AND 8
750112	DOUBLE END 10 AND 12
750520	DOUBLE END 16 AND 20

## SPORTSMAN SERIES WRENCHES



Great for weekend mechanics and hobbyists, these economical wrenches are made from 6061 aluminum alloy. Sized to fit the swivel nuts on hose ends, Sportsman Series wrenches have a straight cut edge. Available in single end style only.

PART NO.	DESCRIPTION
760000	COMPLETE SET
760003	SINGLE END 3
760004	SINGLE END 4
760006	SINGLE END 6
760008	SINGLE END 8
760010	SINGLE END 10
760012	SINGLE END 12

## ALUMINUM VISE JAWS



These aluminum vise jaw inserts will protect your hose ends during assembly. Each jaw has a magnetic backing to hold it securely in place. Sold in pairs.

PART NO.	DESCRIPTION
821010	ALUMINUM VISE JAW SET

# INSTALLATION TIPS

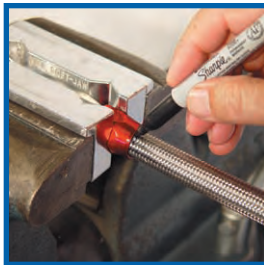
## STAINLESS STEEL HOSE ASSEMBLIES



**Step 1**



**Step 2**



**Step 3**



**Step 4**



**Step 5**



**Step 6**



**Step 7**

**1** Wrap hose tightly with tape at cutting point. Using a fine tooth hacksaw, cable cutters or XRP Cut-Off Blade, cut the hose in the middle of the tape. **IMPORTANT: Remove tape after cutting, being careful not to fray the braid. Failure to remove tape can impede hose assembly and lead to fitting blow off. Under no circumstances should tape be left on the hose during assembly.**

**2** Slip hose into socket to the depth indicated by the hose insertion mark on the outside of the socket. This should be just short of the back of the threads.

**3** **VERY IMPORTANT** - Mark hose with tape or suitable marking device at rear of socket. This mark will later indicate to you if the hose has pushed out of the socket during assembly.

**4** Using an anti-seize lubricant, liberally lubricate inside of hose and threads on the nipple.

**5** Holding nipple horizontally in a vise, push socket end carefully with hose onto nipple with a turning motion and engage nipple threads into those of the socket. Continue tightening by hand as far as possible to make sure that the threads are properly mated and no cross threading has occurred.

**6** Using a wrench, complete tightening assembly. When properly assembled, a small gap of .030 or less should exist between the socket and shoulder of the nipple.

**7** **VERY IMPORTANT** - Check mark made on hose in Step 3 for any evidence of push-out.

**8** Hose assembly should be cleaned and tested to **twice the maximum operating pressure**. Hose assembly should also be checked for any leakage under **normal operating conditions**.

# INSTALLATION TIPS

## PUSH-ON HOSE ASSEMBLIES

- 1 Using a fine tooth hacksaw or XRP Cut-Off Blade, cut the hose at the required length.
- 2 Clean away any loose debris from both ends and inside the hose. Secure a fitting in a bench vise and attach hose end to the fitting.
- 3 Lubricate the fitting tail and inside the hose. For easier fitting, you can use a hot air gun to gently warm the hose.
- 4 Push the hose over the fitting tail, until it is tight behind the hose finisher.
- 5 Hose assembly should be cleaned and tested to **twice the maximum operating pressure**. Hose assembly should also be checked for any leakage under **normal operating conditions**.



Step 1



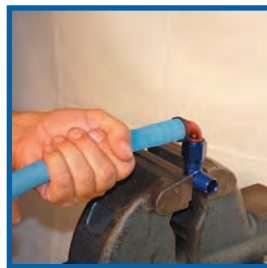
Step 2



Step 3



Step 4



## PUSH-ON CLAMP INSTALLATION

For severe race use, high temperature or oil line applications.



Step 1



Step 2



Step 3



Step 4

## PUSH-ON CLAMP REMOVAL



Step 1



Step 2



Step 3

# INSTALLATION TIPS

## TEFLON® HOSE ASSEMBLIES



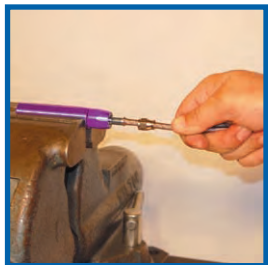
**Step 1**



**Step 2**



**Step 3**



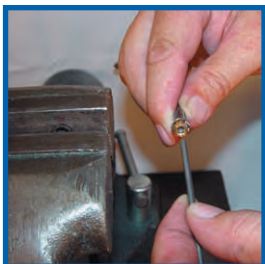
**Step 4**



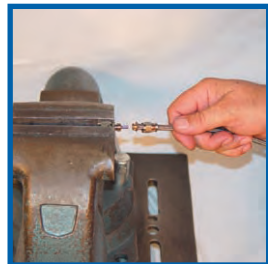
**Step 5**



**Step 6**



**Step 7**



**Step 8**



**Step 9**

**1** Wrap hose with tape at cut-off point and cut through the tape with a fine-tooth hacksaw or XRP Cut-Off Blade. **IMPORTANT: Remove tape and deburr the tube.**

**2** When braided Teflon® hose is cut, one end will naturally try to flare away from the tube and the other end will remain tighter to the hose. Slip the socket onto the hose over the tighter end. Be sure the threads are facing the cut end as shown.

**3** Position Separating Tool, **Part No. 821060** as seen on page 42, and clamp horizontally in the vise. Slip the hose on the mandrel of the tool.

**4** Move the hose with a twisting motion, allowing the edge of the Separating Tool to get under the braid and begin to flare it away from the tube. This will allow the olive to be installed.

**5** Remove the hose from the mandrel and push the olive onto the tube and under the outer braid.

**6** Slip the hose with the olive on the tube back on the mandrel of the Separating Tool, still in the vise. Push forward on the tube, allowing the flaring edge of the tool to firmly seat the olive on the tube. The mandrel of the tool will prevent the tube from collapsing inside the olive and keep it sized properly.

**7** Remove the hose from the Separating Tool and inspect the tube inside the olive, making sure it is pushed fully forward and that the olive is under the outer braid. Check inside of tube for any debris or damage.

**8** Position nipple end in vise and firmly clamp. Slip the hose and olive carefully onto the nipple stem. It should go on easily.

**9** Apply an oil or anti-seize lubricant to the nipple threads.

**10** While holding the hose, firmly on the nipple in the vise, move the socket on the hose forward over the flared braid and olive. Carefully engage the socket onto the nipple's threads and tighten by hand. Make certain that the threads are engaged correctly and you do not cross-thread them. Continue to tighten by hand.

**11** Using a wrench, finish tightening the socket onto the nipple stem. When properly assembled, a small space between the nipple hex and the socket of .030" or less should exist when the socket feels tight. The socket should not tighten easily on up to the nipple's hex shoulder. If this happens, it is an indication that the braid may not be properly retained between the socket and the olive.

**12** Clean and test assembly at **twice the maximum operating pressure**. Recheck assembly for leaks under **normal operating conditions**.



**Step 10**



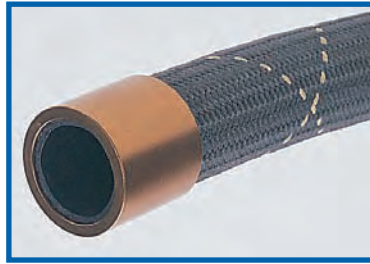
**Step 11**

# INSTALLATION TIPS

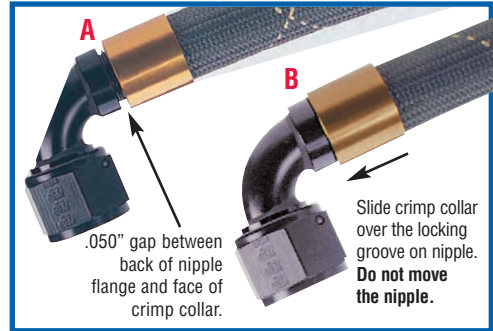
## HS-79 & HYPALON® HOSE ASSEMBLIES



**1** Use the XRP Hose Cut-Off Blade to cut the hose to the proper length. The toothless knife edge wheel will provide a clean and square cut. May be used on stainless steel braided hose also.



**2** Slip the crimp collar over the hose until the inside flange of the collar is against the face of the hose.



**3** Push the nipple into the hose until the back of the nipple's locking flange is approximately .050" away from the face of the crimp collar, as shown at **A**. Without moving the nipple, carefully slide the crimp collar over the nipple until the collar's locking flange engages the locking groove on the nipple, as shown in **B**.



**4** Insert the lower half of the crimp die into the crimping machine, making sure it is placed under the spring steel clips to hold it in place.



**5** Position the hose assembly into the crimp die. Be careful not to disturb the nipple and collar placement.



**6** Place the upper half of the crimp die over the assembly in the crimper.



**7** Install the tapered die pusher ring plate over the crimp die. Push the plate down by hand, until the crimp die is snug on the crimp collar. Make sure the die covers the entire length of the collar.



**8** Place the pusher cone into the crimp machine and pump the handle until the cone just contacts the pusher ring plate. Now, recheck! Make certain that the crimp collar is fully covered by the crimp die and the nipple has not moved.



**9** Continue pumping the handle until the crimp die cage is completely closed and the pressure on the gauge indicates 4,000 to 5,000 psi. Larger sizes may require more pressure. Each die has been manufactured to provide the proper finished diameter crimp. Pressure test and inspect the finished hose assembly.

# INSTALLATION TIPS

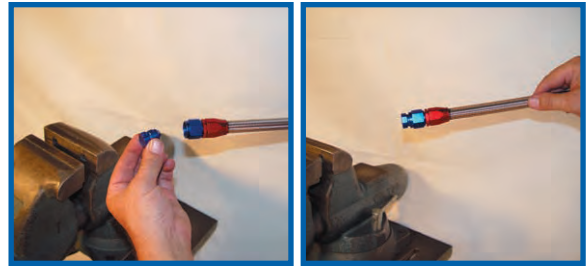
## FYRE JACKET INSTALLATION

**1** FYRE JACKET is easiest to install at the time of hose assembly. However, with a bit more effort, it may be installed onto an already existing hose assembly. Assemble one hose end and insert a threaded plug into the female end fitting. Wrap tape around the opposite end of the hose to prevent it from snagging the inside of the FYRE JACKET and keep any debris out of the hose during installation. Plug off both end fittings if covering a previously assembled hose.

**2** Cut the FYRE JACKET to the proper length and slip it over the unassembled end of the hose or, if installing on an existing assembly, one of the plugged end fittings.

**3** While a helper pushes the hose forward into the FYRE JACKET, he can grab the installed end of the FYRE JACKET and try to pull it toward him and onto the hose. USING GREAT CAUTION and with proper eye protection on both you and your helper, apply a VERY SMALL amount of compressed air into the open end of the FYRE JACKET while your helper continues to grab the FYRE JACKET and pull it onto the hose. The compressed air should be only sparingly applied to just slightly expand the FYRE JACKET and allow it to slide easily over the hose. DO NOT INFLATE THE FYRE JACKET as this could cause injury or death.

**4** Center the FYRE JACKET on the hose using the compressed air under the FYRE JACKET, if necessary. Install the remaining hose end fitting if needed. Tape or seal the cut ends of the FYRE JACKET as needed to prevent any fluids from wicking into the exposed fibers. Silver silicone FYRE TAPE, part no. 320200, is excellent for this protection.



**Step 1**



**Step 2**



**Step 3**



**Step 4**



**Completed**



## OVERBRAID INSTALLATION

**1** Slide overbraid over the hose and stretch until snug.

**2** Mark length and cut the ends with tin snips.

**3** Reconnect hose to end fitting and secure with clamp or hose finisher as desired.



**Step 1**



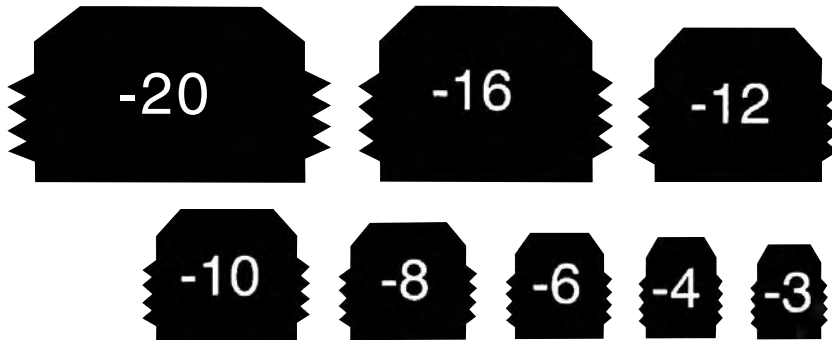
**Step 2**



**Step 3**

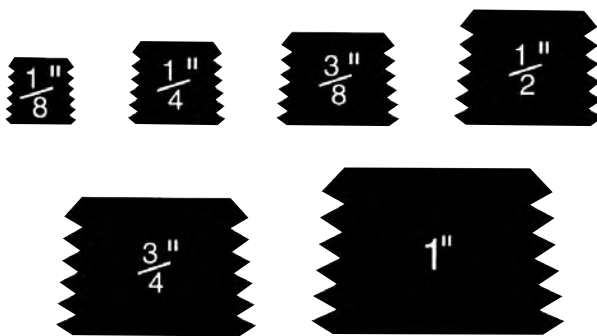
# TECHNICAL INFORMATION

**UNDERSTANDING AN THREAD SIZES** Use the figures below to determine the AN thread size before ordering. The chart at the right shows the corresponding metal tube outer diameter and thread size for each size.



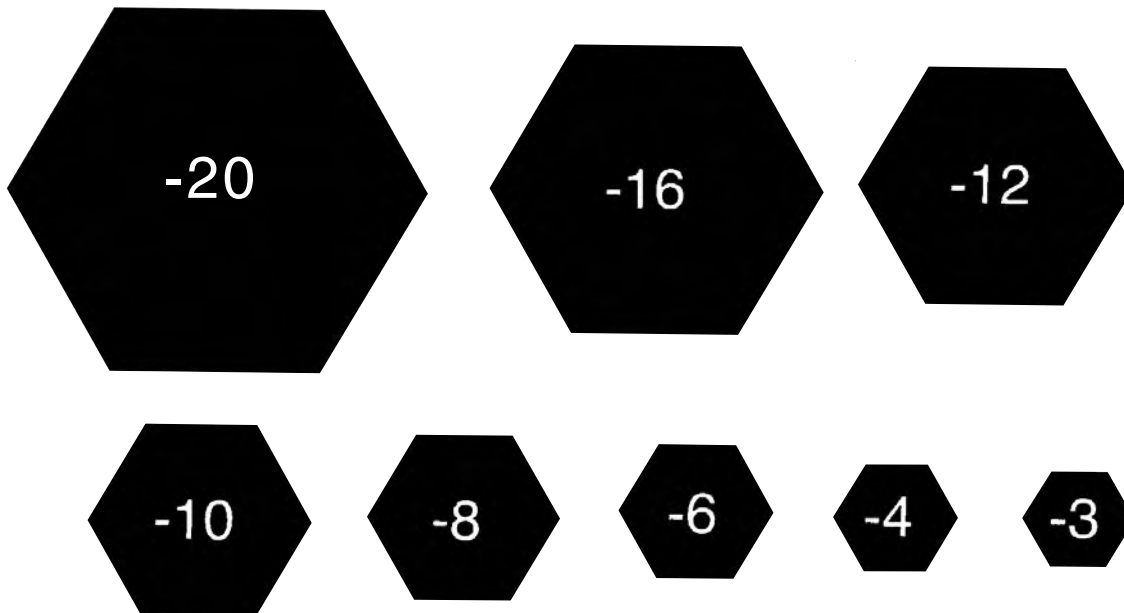
AN SIZE	METAL TUBE O.D.	THREAD SIZE
3	3/16"	3/8-24 UNJ
4	1/4"	7/16-20 UNJ
6	3/8"	9/16-18 UNJ
8	1/2"	3/4-16 UNJ
10	5/8"	7/8-134 UNJ
12	3/4"	1-1/16-12 UNJ
16	1"	1-5/16-12 UNJ
20	1-1/4"	1-5/8-12 UNJ

**UNDERSTANDING NPT THREAD SIZES** Use the figures below to determine the NPT thread size before ordering. The chart at the right shows the corresponding thread size, threads per inch, inner diameter and closest AN fitting size for each.



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"	11-1/2	1"	16
1-1/4"	11-1/2	1-1/4"	20

**DETERMINING B-NUT SIZES** Use the figures below to determine the B-NUT size before ordering.



# XRP...FOR THE EXTREME IN RACING



**THE XRP POLO SHIRTS (TEXTURED)** - 100% cotton with contrasting collar and 3-button placket. Available in S (2001), M (2002), L (2003), XL (2004) and XXL (2005). Specify red/black, or ash/black.



**THE XRP POLO SHIRTS (SOLIDS)** - 100% cotton with soft collar and 3-button placket. Available in S (2001), M (2002), L (2003), XL (2004) and XXL (2005). Specify black or white.



**THE XRP SWEATSHIRT** - This medium-weight, generously cut cotton sweatshirt is perfect for race day or any day. Available in S (3201), M (3202), L (3203), XL (3204) and XXL (3205). Ash or black.



**THE XRP TEE SHIRTS** - A thick, beefy all-cotton tee with XRP logo silkscreened front and back. Back graphic same as our sweatshirt shown at left. Sizes: S (1011), M (1012), L (1013), XL (1014), XXL (1015), XXXL (1016). Child's Sizes: S (1008), M (1009), L (1010). White, black or ash.



**XRP MECHANICS GLOVES** - Sturdy, stretchy neoprene with sueded Clarino palms and velcro closures for snug fit. Triple stitched to last. The best! Available in XS (6001), S (6002), M (6003), L (6004), XL (6005), and XXL (6006). Black only.



**THE XRP BALLCAPS AND BUCKET HAT** - Sturdy cotton with embroidered logo on front. Ballcaps are adjustable. XRP Beyond Xtreme Ballcap (4008), XRP Logo Ballcap (4004) or XRP Bucket Hat (4010).

# APPAREL AND FANWEAR...



**THE XRP DAYTONA JACKET** - Nylon lined with polar fleece. Front zip. Stand-up collar. With our logo embroidered on the chest and large across the back. SEE VIEW OF BACK GRAPHICS BELOW. Available in XS (2500), S (2501), M (2502), L (2503), XL (2504), XXL (2505) and XXXL (2506).



**THE XRP MONZA JACKET** - A lightweight satin racing jacket with embroidered logos. Zip front. Knit cuffs and plenty of pockets. SEE VIEW OF BACK GRAPHICS BELOW. Regular Length available in XS (3500), S (3501), M (3502), L (3503), XL (3504) and XXL (3505). Long available in L (3506), XL (3507), XXL (3508) and XXXL (3509).



**THE XRP LETTERMAN JACKET** - Wool body. Knit cuffs. Snap front. Butter soft leather sleeves. Lined. SEE VIEW OF BACK GRAPHICS AT RIGHT. Available in XS (4500), S (4501), M (4502), L (4503), XL (4504), XXL (4505) and XXXL (4506).



VIEW OF BACK EMBROIDERY FOR ALL JACKETS

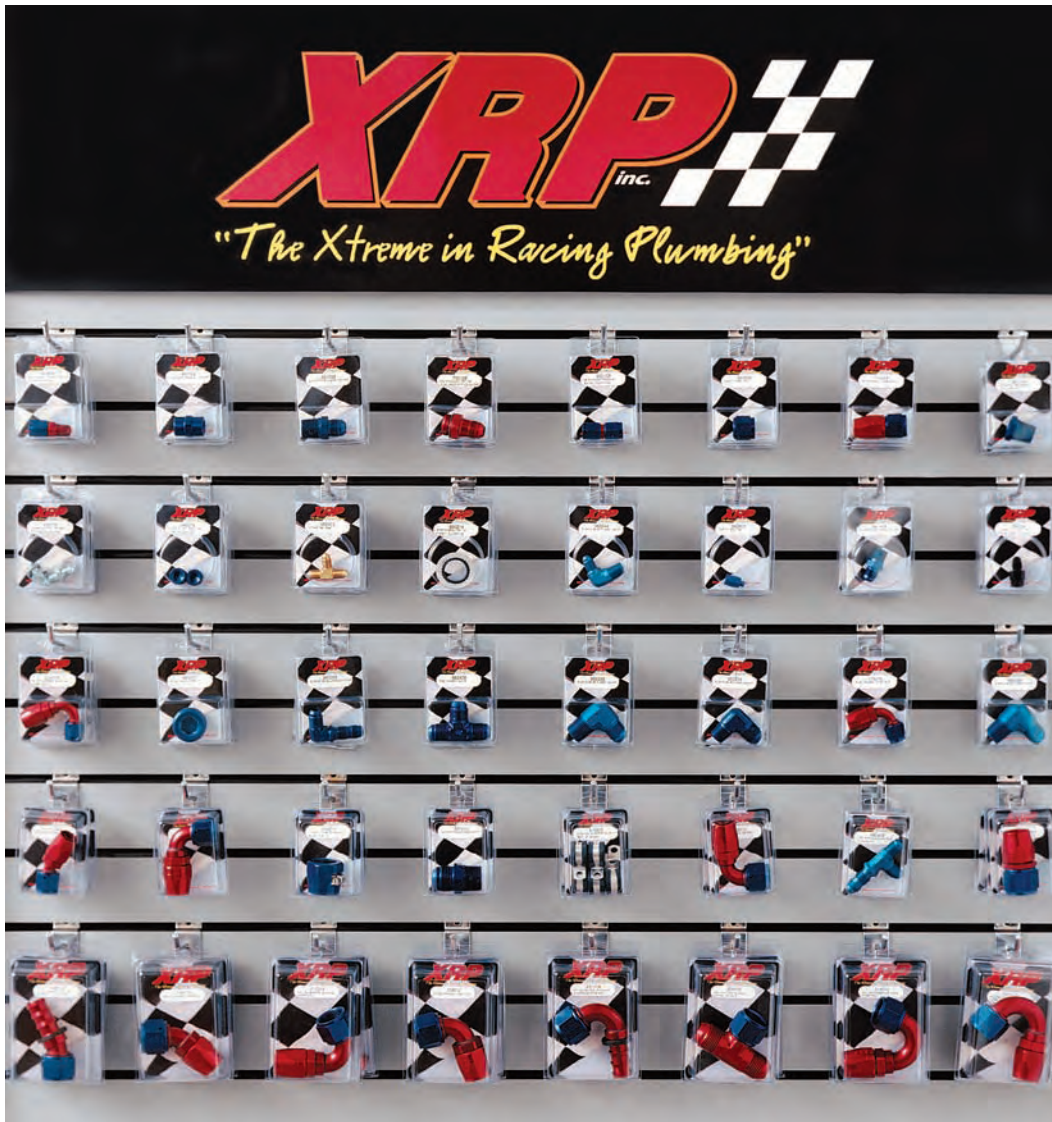


**XRP DECALS** - Three sizes to choose from. These colorful pressure-sensitive decals dress up your car or bike. Order S (10001), M (10002), L (10003).



**XRP FOR WOMEN** - We've got fitted, V-neck tees and spaghetti strap tanks, embroidered with XRP logo. Black Tee: XS (3001), S (3002), M (3003), L (3004); Black Tank: XS (3011), S (3012), M (3013), L (3014). Not shown, Scoop-neck Tee (Specify red or white): XS (3021), S (3022), M (3023), L (3024).

# 4-COLOR CLAMSHELL PACKAGING & BANNER



Our eye-catching 4-color clamshell packaging is a great way to merchandise the extensive line of XRP fluid transfer products to your high performance customers. Our best selling fittings, adapters, hoses, carburetor kits, etc. sell themselves when displayed on slatboard wall or end-aisle displays in your store. Dynamic see-through packaging makes shopping easy. 4-color XRP Race Banner also available. CALL FOR INFORMATION.

## BULK HOSE SHIPPING LENGTH PATTERNS

When ordering hose in bulk, random length pieces may be used to fill the total ordered quantity.

**300000, 340000, 510000 and 520000** series hose: Minimum of 85% will be greater than 25 ft. Maximum of 15% will be between 5 ft. and 24 ft. For example, a 100 ft. order would have a minimum 85 ft. in length patterns in excess of 25 ft. and a maximum of 15 ft. would be in patterns between 5 ft. and 24 ft.

**610000** series Teflon hose: Minimum of 70% will be greater than 45 ft. 20% will be in lengths between 25 ft. and 44 ft. 10% will be in lengths between 10 ft. and 24 ft.

We reserve the right to ship +/- 10% of the bulk hose quantity ordered.



## ***XRP FITTINGS AND ADAPTERS ARE AVAILABLE IN A CHOICE OF COLORS AND FINISHES***

XRP, Inc. warrants that said products will be free from defects in materials and workmanship for 90 days from the date of original purchase, and this warranty is limited to repair or replacement of parts. This warranty shall not exceed the original purchase price of the goods, nor shall XRP, Inc. be responsible for special, incidental, or consequential damages. Any defective parts should be returned to the Dealer where purchased for any warranty adjustment. In the event the customer cannot get satisfaction from the Dealer, he may contact XRP, Inc. for Return Authorization. Product must then be shipped postage prepaid, along with bill of sale or other proof of purchase to XRP, Inc., 5630 Imperial Highway, South Gate, CA 90280. This warranty does not apply to any product subject to damage in transit, accident, misuse or abuse following date of original purchase.

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# Where Did You Learn. . .

## ADVERTISING THAT SPANS THE COUNTRY AND THE GLOBE...

XRP products are advertised extensively nationally and internationally throughout the year to let racers and performance enthusiasts know about what's new and what's available from the Xtreme in Racecar Plumbing.

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Saves Time, Space, Weight and Headaches  
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Double O-Ring Sealing on Hose Ends  
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With optional safety strap

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No Tools Needed  
Double-Swivel Hinges  
For Easier Assembly  
Aerospacial Quality  
Have Proven

**SECURE**  
Flexible Secure Connections - Hose or Tube  
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And ± 4° Angularity  
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Optional Safety Strap  
Makes Visual Inspection Easy And Sure

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HS-79 smooth-bore flexible Teflon hose & smooth 37° JIC fitting

HS-79 with Hypalon outer coating & stainless 37° JIC fitting

**The Future in Drag Racing.**

Proud to be a part of drag racing's innovative tradition, XRP designs and manufactures fittings, hose and racing accessories with the racer in mind.

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HS-79 Hypalon with Smooth Bore, 37° JIC Fitting, 1/2" and 3/4" Connections  
Teflon Hose with Hypalon Braided OPE Hose

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HS-79XP with abrasion resistant Hypalon® coating

4 Ply Construction: Teflon™ inner tube, silicone second layer, stainless steel wire reinforcement, Nomex™ Kevlar™ Reinforced.

Smooth Bore, No Constrictions

Higher Temperature Rating: 65° to +400°

Higher pressure.

Larger inner diameter means greater flow capacity. Lock inside.

Tighter bend radius and higher vacuum capability increase HS-79 hose's higher flow advantage - without using internal support coils that restrict flow.

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XRP products have been featured in engine build-ups, technical articles and trade-oriented editorials in dozens of top performance aftermarket magazines and tabloids. Watch Popular Hot Rodding, Performance Racing Industry, National Dragster, Sprint Car and Midget, Speedway Illustrated, RaceTech UK and Racecar Engineering UK for information about how better plumbing can increase performance and reliability on race day and everyday.

## AT HIGH PERFORMANCE RETAILERS NEAR YOU...

Because they are in demand, XRP products enjoy a strong retail presence just about everywhere great racing parts are sold. Ask your favorite dealers for the latest information about our products. Knowledgeable countermen are an excellent source for finding the ideal products for your application. Don't hesitate to contact us if you need technical assistance or a custom order.



## AT THE TRACK...

You will see XRP's banners, signage and decals displayed prominently at each and every National Hot Rod Association event. We are proud to be an active sponsor at America's premier drag racing sanctioning body. The extreme conditions of this type of racing are an excellent testimony to the quality of XRP products.



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