

INTRODUCING...

XR-31 LIGHTWEIGHT PERFORMANCE HOSE



PLUS...
A Complete Line of
A/C Hose and
Reusable A/C Fittings

Exciting
New Pieces
For our Popular
Modular
In-line Filters

2008 NEW PRODUCTS

XR-31

THE XTREME IN RACECAR PLUMBING

XR-31 LIGHTWEIGHT PERFORMANCE HOSE

LIGHT...DURABLE.... ABRASION-RESISTANT... ECONOMICAL

Tough, lightweight XR-31 hose is a sure bet for racers and street performance enthusiasts. It's versatile, flexible, easy to cut and assemble with a number of attractive characteristics including: excellent temperature resistance -40 to +300 F, high tube strength, tight bend radius capable for tight engine compartments.

3-ply construction consists of full coverage Nylon-bonded outer braid for abrasion-resistance, imbedded textile middle layer, and CPE synthetic rubber inner tube for great flow and high-temperature resistance. XR-31 hose is **made in U.S.A.** XR-31 offers a significant weight-savings over stainless steel braided hose.

Because today's fuels can contain a wide variety of unpublished additives, it is not possible for us to accurately predict compatibility of the inner liner of XR-31 hose with any specific fuel.

We recommend our HS-79 Teflon-lined hose, if in doubt. XR-31 hose is not compatible with brake fluid.



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"	3104-00	3104-03	3104-06	3104-10	3104-15	3104-20	
6	11/32"	3106-00	3106-03	3106-06	3106-10	3106-15	3106-20	
8	7/16"	3108-00	3108-03	3108-06	3108-10	3108-15	3108-20	
10	9/16"	3110-00	3110-03	3110-06	3110-10	3110-15	3110-20	
12	11/16"	3112-00	3112-03	3112-06	3112-10	3112-15	3112-20	
16	7/8"	3116-00	3116-03	3116-06	3116-10	3116-15	3116-20	

TECHNICAL SPECIFICATIONS

SIZE	HOSE I.D. INCHES	HOSE O.D. INCHES	MAX OPERATING PRESSURE (PSI)	MINIMUM BEND RADIUS IN INCHES
4	0.22	0.44	350	2.00
6	0.35	0.55	350	2.25
8	0.44	0.65	350	3.50
10	0.57	0.8	350	4.00
12	0.69	0.94	350	4.50
16	0.88	1.16	300	5.50

XR-31 3-PLY CONSTRUCTION

INNER LAYER: FAST FLOWING CPE SYNTHETIC RUBBER TUBE -40 TO +300F TEMP. RANGE

MIDDLE LAYER: PARTIAL COVERAGE EMBEDDED TEXTILE



OUTER LAYER: FULL COVERAGE NYLON OUTER BRAID. ABRASION-RESISTANT AND EXTREMELY FLEXIBLE FOR LONG LIFE AND EASE OF INSTALLATION

FLAT WOUND INTERNAL SUPPORT COIL

We recommend the use of flat wound internal support coil with our XR-31 hose for extra support in high vacuum applications. Excellent for dry sump systems. 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.
310016	16 ss	.94" 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 our complete catalog.

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

DOUBLE SWIVEL, TRIPLE SEALED HOSE ENDS

XR-31 hose is compatible with any of our reusable nipple-and-cutter style hose ends and adapter fittings. XR-31 looks especially handsome when paired with either our Ti-Tech finish (with the look of titanium) or our black anodized end fittings. **All the hose ends and adapters shown are also available in RED/BLUE ANODIZED ALUMINUM and SUPER NICKEL FINISH. SIMPLY THE BEST.** All hose ends are JIC 37°, triple sealed and double swivel to allow for full angular positioning after assembly. Huge double-angled seat area provides line contact sealing and eliminates torque-induced cracking common to lightweight flared tube designs. 2024 aluminum alloy swivel nuts and cutters are T851 heat-treated for longer life. 6061-T651 aluminum sockets prevent stress cracking. Custom ends and metrics are available. Call for details.

STRAIGHT



TI TECH	BLACK	SIZE
130004TT (Steel)*	---	4
100004TT**	100004BB**	4
100006TT	100006BB	6
100008TT	100008BB	8
100010TT	100010BB	10
100012TT	100012BB	12
100016TT	100016BB	16
100020TT**	100020BB**	20
100013TT	---	12 hose to 16 nut
100017TT	---	16 hose to 12 nut

30°



TI TECH	BLACK	SIZE
133004TT (Steel)*	---	4
103004TT**	103004BB**	4
203006TT	203006BB	6
203008TT	203008BB	8
203010TT	203010BB	10
203012TT	203012BB	12
203016TT	203016BB	16
103020TT**	103020BB**	20

45°



TI TECH	BLACK	SIZE
134504TT (Steel)*	---	4
104504TT**	104504BB**	4
204506TT	204506BB	6
204508TT	204508BB	8
204510TT	204510BB	10
204512TT	204512BB	12
204516TT	204516BB	16
104520TT**	104520BB**	20

60°



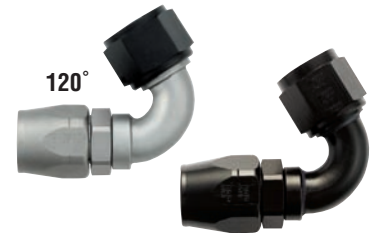
TI TECH	BLACK	SIZE
136004TT (Steel)*	---	4
106004TT**	106004BB**	4
206006TT	206006BB	6
206008TT	206008BB	8
206010TT	206010BB	10
206012TT	206012BB	12
206016TT	206016BB	16
106020TT**	106020BB**	20

90°



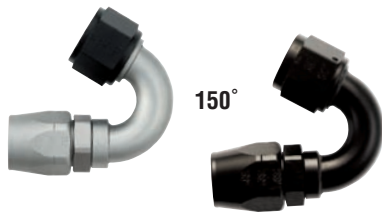
TI TECH	BLACK	SIZE
139004TT (Steel)*	---	4
109004TT**	109004BB**	4
209006TT	209006BB	6
209008TT	209008BB	8
209010TT	209010BB	10
209012TT	209012BB	12
209016TT	209016BB	16
109020TT**	109020BB**	20

120°



TI TECH	BLACK	SIZE
131204TT (Steel)*	---	4
112004TT**	112004BB**	4
212006TT	212006BB	6
212008TT	212008BB	8
212010TT	212010BB	10
212012TT	212012BB	12
212016TT	212016BB	16
112020TT**	112020BB**	20

150°



TI TECH	BLACK	SIZE
131504TT (Steel)*	---	4
115004TT**	115004BB**	4
215006TT	215006BB	6
215008TT	215008BB	8
215010TT	215010BB	10
215012TT	215012BB	12
215016TT	215016BB	16
115020TT**	115020BB**	20

180°



TI TECH	BLACK	SIZE
131804TT (Steel)*	---	4
118004TT**	118004BB**	4
218006TT	218006BB	6
215008TT	218008BB	8
218010TT	218010BB	10
218012TT	218012BB	12
218016TT	218016BB	16
118020TT**	118020BB**	20

***XRP Hose Ends,
the Latest in High
Performance
Fluid Delivery.***

**Dual Angled Seats
The Latest in Fluid Delivery
Aerospace Approved MIL-CTL-83798
Patented Nipple & Cutter Design**

* THESE ARE NICKEL-PLATED STEEL FITTINGS WITH BLACK ANODIZED NUT AND TI-TECH SOCKET.

** ALL SIZE 4 AND 20 HOSE ENDS ARE NON-SWIVEL.

BLACK ANODIZED ADAPTER FITTINGS

The industry's most extensive inventory of popular adapter fittings are shown here in black anodized finish to coordinate the Ti-Tech hose ends on our new XR-31 hose. All male flare adapters are JIC 37°.

824



832



814



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

814IHP



924



929



SIZE	TI TECH FLARED TEE	TI TECH FLARED BULKHD	STRAIGHT HEAD PORT PLUG	INTERNAL HEX PORT PLUG	BULKHEAD NUT	THREAD SIZE	37° FLARE CAP FEMALE	
3	982403BB	3/16"	983203BB	981403BB	IHP003	992403BB	3/8-24	992903BB
4	982404BB	1/4"	983204BB	981404BB	IHP004	992404BB	7/16-20	992903BB
6	982406BB	3/8"	983206BB	981406BB	IHP006	992406BB	9/16-18	992903BB
8	982408BB	1/2"	983208BB	981408BB	IHP008	992408BB	3/4-16	992903BB
10	982410BB	5/8"	983210BB	981410BB	IHP010	992410BB	7/8-14	992903BB
12	982412BB	3/4"	983212BB	981412BB	IHP012	992412BB	1-1/16-12	992903BB
16	982416BB	1"	983216BB	981416BB	IHP016	992416BB	1-5/16-12	992903BB
20	982420BB	1-1/4"	983220BB	981420BB	IHP020	992420BB	1-5/8-12	992903BB

MALE FLARE TO NPT PIPE ADAPTERS

816



822



823



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

**XRP's Black Anodized
Aluminum Adapters,
the Latest in
High Performance
Fluid Delivery.**



**Xtra Large Internal Radius
and Contoured Entrances
for Improved Laminar Flow**

Extra long pipe adapters available on page 34 of complete product catalog.

THE NEWEST CONFIGURATIONS FOR OUR POPULAR MODULAR IN-LINE FILTER

Introduced in 2007, XRP's unique modular filters for fuel or oil, received rave reviews from pro teams and sportsman racers alike. For 2008, XRP has added a number of new configurations to provide racers with greater versatility in using this technically-advanced filter.



THE 72 SERIES CLAMSHELL QUICK DISCONNECT IN-LINE FILTER BODY

These cleverly-engineered assemblies allow you to uncouple the filter bodies in the snap of a finger to service the mesh filter inside. Ideal for quick pit stops, this feature makes this popular new filter even better. Sizes -8 through -20 are available. Clamshell quick disconnect end fittings are available with or without a safety strap. Filter body available with -10 female accessory port on inlet side to accommodate temp probe, by-pass, etc. Filters have XRP engineering throughout: ♦ **Flexible design.** ♦ **Ease of installation and cleaning.** ♦ **Modular construction...a choice of end fittings makes this filter adaptable for many applications.** ♦ **Weight-saving materials.** ♦ **High flow capacity.** ♦ **High pressure and temperature ratings (to 400° F).** ♦ **Available with either 37° AN or clamshell-style ends.**

All bodies are 2.47" diameter.

Does not include filtering element.
Order from page 35 of complete catalog.



SIZE	PART NO.	DESCRIPTION	LENGTH
8	7208AN	with AN ends	9.214"
10	7210AN	with AN ends	9.416"
12	7212AN	with AN ends	9.628"
16	7216AN	with AN ends	9.722"
20	7220AN	with AN ends	9.816"

AN adapter or temperature probe screws in here.

Does not include filtering element.
Order from page 35 of complete catalog.



SIZE	PART NO.	DESCRIPTION	LENGTH
8	7208ANAP	with AN ends & accessory port	10.314"
10	7210ANAP	with AN ends & accessory port	10.516"
12	7212ANAP	with AN ends & accessory port	10.728"
16	7216ANAP	with AN ends & accessory port	10.822"
20	7220ANAP	with AN ends & accessory port	10.916"

Does not include filtering element.
Order from page 35 of complete catalog.



SIZE	PART NO.	DESCRIPTION	LENGTH
8	7208HC	with HC clamshell-style ends	9.124"
10	7210HC	with HC clamshell-style ends	9.124"
12	7212HC	with HC clamshell-style ends	9.302"
16	7216HC	with HC clamshell-style ends	9.462"
20	7220HC	with HC clamshell-style ends	9.462"

AN adapter or temperature probe screws in here.

Does not include filtering element.
Order from page 35 of complete catalog.



SIZE	PART NO.	DESCRIPTION	LENGTH
8	7208HCAP	with HC clamshell-style ends & access. port	10.242"
10	7210HCAP	with HC clamshell-style ends & access. port	10.242"
12	7212HCAP	with HC clamshell-style ends & access. port	10.402"
16	7216HCAP	with HC clamshell-style ends & access. port	10.562"
20	7220HCAP	with HC clamshell-style ends & access. port	10.562"

Tube Chassis Mounting Bracket



Firewall Mounting Bracket



Temperature Probe Adapter
-10 AN Male x 5/8-18 Female Threads

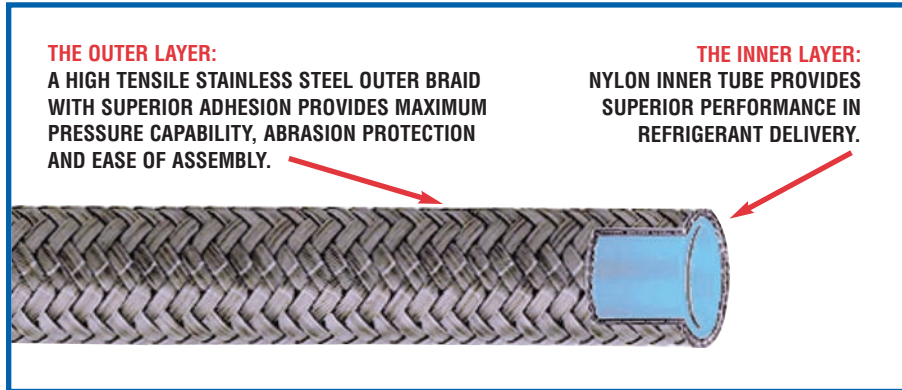


DESCRIPTION	PART NO.
Tube Chassis Mounting Bracket 1-1/4"	705-1250
Tube Chassis Mounting Bracket 1-3/8"	705-1375
Tube Chassis Mounting Bracket 1-1/2"	705-1500
Tube Chassis Mounting Bracket 1-3/4"	705-1750
Firewall Mounting Bracket	705-0001
Temperature Probe Adapter	981410TP

See back page of this brochure for more new modular filter configurations.

A/C HOSE AND REUSABLE FITTINGS

XRP's air conditioning hose is an innovative, patent-pending design, we think will appeal to discriminating motorsports enthusiasts. We evaluated many types of A/C hose but found this one, manufactured by Eaton, to be the best. Comprised of attractive stainless steel outerbraid with an inner tube of nylon, the way it handles refrigerant is simply superior. Pair it, with the eye-catching nickel-plated steel reusable fittings, available with charge ports) and you've got assemblies that are easy to install and service anywhere.



SIZE	HOSE I.D. (IN.)	BULK HOSE (Specify Length)	CUT TO EXACT LENGTH AND PRE-PACKAGED IN RETAIL BOX		
			3 FT.	6 FT.	10 FT.
6	.080	680006	680306	680606	681006
8	.125	680008	680308	680608	681008
10	.1875	680010	680310	680610	681010

TECHNICAL SPECIFICATIONS

SIZE	HOSE I.D. INCHES	HOSE O.D. INCHES	MAX OPERATING PRESSURE (PSI)	MINIMUM BEND RADIUS (INCHES)	WEIGHT PER FOOT
6	0.33	0.44	500	4.00	0.08
8	0.43	0.54	500	5.25	0.10
10	0.53	0.64	500	6.50	0.14



IMPORTANT NOTES

1. AFTER CUTTING AIR CONDITIONING HOSE, BE SURE TO CLEAN ALL DEBRIS FROM THE END OF THE HOSE TO ENSURE A SECURE SEAL BETWEEN THE TUBE AND THE SLEEVE.

2. ALWAYS BE SURE TO USE THE CORRECT LUBRICANT FOR YOUR AIR CONDITIONING SYSTEM. R-12 SYSTEMS COMMONLY USE MINERAL OIL; R-134A SYSTEMS COMMONLY USE PAG OR POLYALKYLENE GLYCOL.

A/C HOSE AND REUSABLE FITTINGS

XRP offers the best nickel-plated steel fittings. Some are available with a charge port. All offer superior sealing capacity and excellent refrigerant delivery. They are available in a variety of bends to fit in any engine compartment.

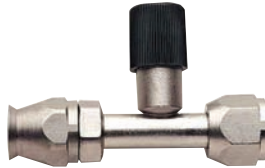
STRAIGHT FITTINGS

Female O-Ring Pilot



HOSE SIZE	PART NO.
6	681712
8	681713
10	681714

Female O-Ring Pilot w/ Charge Port



HOSE SIZE	PART NO.
6	681812
8	681813
10	681814

Hose to Hose w/ Charge Port



HOSE SIZE	PART NO.
6	681912
8	681913
10	681914

45° FITTING

Female O-Ring Pilot



HOSE SIZE	PART NO.
6	681722
8	681723
10	681724

Female O-Ring Pilot



HOSE SIZE	PART NO.
6	681732
8	681733
10	681734

90° FITTINGS

Female O-Ring Pilot w/ Charge Port



HOSE SIZE	PART NO.
6	681832
8	681833
10	681834

135° FITTINGS

Female O-Ring Pilot



HOSE SIZE	PART NO.
6	-
8	681793
10	681794

Female O-Ring Pilot with Charge Port



HOSE SIZE	PART NO.
6	-
8	681893
10	681894

REPLACEMENT PARTS

Brass Sleeves
6 per package



O-Rings
6 per package



HOSE SIZE	PART NO.	HOSE SIZE	PART NO.	HOSE SIZE	BRASS SLEEVES	O-RINGS
6	-	6	-	6	682430	683416
8	681793	8	681893	8	682431	683417
10	681794	10	681894	10	682432	683418

SPACE SAVER FUEL FILTERS



In-line filtration and hi-volume flow in an ultra-lightweight, space-saving design. Includes both EPR and Viton O-rings for alcohol or gas applications.

THREADED BODY & AN ENDS



SIZE	10-Micron Filter	Diameter & Length (inches)
6	704406FS10	1.115 x 3.79
8	704408FS10	1.115 x 3.89
10	704410FS10	1.115 x 3.99

SIZE	20-Micron Filter	Diameter & Length (inches)
6	704406FS20	1.115 x 3.79
8	704408FS20	1.115 x 3.89
10	704410FS20	1.115 x 3.99

SIZE	40-Micron Filter	Diameter & Length (inches)
6	704406FS40	1.115 x 3.79
8	704408FS40	1.115 x 3.89
10	704410FS40	1.115 x 3.99

CLAMSHELL BODY & AN ENDS



SIZE	10-Micron Filter	Diameter & Length (inches)
6	704506FS10	0.875 X 4.84
8	704508FS10	0.875 X 4.94
10	704510FS10	0.875 X 5.04

SIZE	20-Micron Filter	Diameter & Length (inches)
6	704506FS20	0.875 X 4.84
8	704508FS20	0.875 X 4.94
10	704510FS20	0.875 X 5.04

SIZE	40-Micron Filter	Diameter & Length (inches)
6	704506FS40	0.875 X 4.84
8	704508FS40	0.875 X 4.94
10	704510FS40	0.875 X 5.04

CLAMSHELL BODY & CLAMSHELL ENDS



SIZE	10-Micron Filter	Diameter & Length (inches)
6	---	-----
8	704508HCFS10	0.875 X 4.89
10	704510HCFS10	0.875 X 4.94

SIZE	20-Micron Filter	Diameter & Length (inches)
6	---	-----
8	704508HCFS20	0.875 X 4.89
10	704510HCFS20	0.875 X 4.94

SIZE	40-Micron Filter	Diameter & Length (inches)
6	---	-----
8	704508HCFS40	0.875 X 4.89
10	704510HCFS40	0.875 X 4.94

SPACE SAVER DRY SUMP FILTERS



Coarse-screen #16 mesh filter protects your pump in hi-volume race applications. Element and adapter available separately for use as an oil pan fitting.

THREADED BODY & AN ENDS



SIZE	PART NUMBER	Diameter & Length (inches)
8	704108	1.115 x 3.89
10	704110	1.115 x 3.99
12	704112	1.115 x 4.09

CLAMSHELL BODY & AN ENDS



SIZE	PART NUMBER	Diameter & Length (inches)
8	704508FS16	0.875 X 4.94
10	704510FS16	1.125 x 5.62
12	704512FS16	1.125 x 5.72

CLAMSHELL BODY & CLAMSHELL ENDS



SIZE	PART NUMBER	Diameter & Length (inches)
8	704508HCFS16	0.875 X 4.89
10	704510HCFS16	1.125 x 5.09
12	704512HCFS16	1.125 x 5.27

Go to www.xrp.com for Product Updates and to Download a Complete Catalog