



**The World's Leading Source for Professional-Grade A.N. Fittings**

# **2023**

**Engineer Preferred Fittings, Hose,  
Hose Ends & Components for  
Professional Level Projects**

**Downloadable & Printable  
PDF Catalog**


**15827 Hawthorne Blvd. Lawndale, CA 90260**



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Our mission over the last 30 years is to remain the world’s trusted technical leader in the AN Plumbing industry. Our commitment is to provide you with critical technical knowledge with our staff’s vast experience in the industry. As many engineers and customers are aware, the AN Fitting industry has been inundated over the last 25-30 years with dozens of counterfeit and sub-par fittings. These fittings are made from inferior materials that are pushed onto the public with mis-information, and outright lies by sellers and questionable manufacturers. Our mission is to offer only hose ends, hoses, and adapters that we have concluded to be made from the correct materials, and from those companies who maintain the tribal knowledge of the original AN system that began so many years ago.


About the Brands


 is a U.S. based manufacturer headquartered in Los Angeles in the heart of the Aerospace Industry where many of today’s A.N. fittings and hardware innovations are born and bred. XRP fittings are considered the pinnacle of achievement and the gold standard in all A.N. style hose, hose ends, and adapters in every circle of motorsports, marine, and prototype vehicle design. XRP fittings, hose, and hose ends are only for use off public highways, motorsports, powersports, marine, and racing applications. XRP fittings, hose, and hose ends are not for use on Aircraft, and are not FAA approved. XRP hoses are also not Coast Guard approved.

 offers  fittings from various Aerospace manufacturers in the U.S. These are machined to either AN, MS, or AS standards and anodized in Mil Spec type 2 Blue. These particular items are generally machined in 3A and 3B quality (A.K.A UNJ threads) which are a favorite of the experimental aircraft industry. Material Certs are available in some cases on request prior to ordering.

 is a subsidiary of Holley Performance. It is a Globally Sourced brand with some items made in the U.S and abroad. Earl’s Speed Seal PTFE hose and hose end system is considered the finest in -3,-4,-6,-8, &-10 higher pressure PTFE systems which still maintains its roots in the original M.S. hose end design.

 is a global manufacturer specializing in unique brake line fittings. Here, we offer their most critical banjos and banjo bolts required for various mission-critical systems.

 is a subsidiary of Danfoss and a globally sourced item. Here, we offer their complete air conditioning hose and hose end system.

 is a U.S. manufacturer specializing in high quality aluminum distribution blocks.

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An XRP hose system utilizing a carbon impregnated anti-static PTFE inner tube that is manufactures using a patented process that creates a smooth interior wall surface and convolutions only on the outside of the tube wall where they belong for increased flexibility and vacuum resistance. There are no convolutions on the inside where they can impede flow by causing turbulence and trapping contamination that can be very difficult to remove. XRP ProPlus™ Race Hose has been designed and sized to directly target fully convoluted PTFE hose product in weight and bend radius while allowing for much greater flow rates due to the smooth inside tube wall. The smooth inside bore allows non-turbulent laminar flow capabilities and a hose assembly that can be cleaned out much easier than fully convoluted hoses.

## ProPlus™ PTFE Hose Information

Temperature range -65°F to 500+°F	Fully Vacuum Resistant up to 266°F
Sold by the foot in continous lengths	Carbon Impregnated anti-static PTFE
Fluid Type	Rating
Automatic Transmission Fluid	★ ★ ★ ★ ★
Bio-Fuels	★ ★ ★ ★ ★
Coolant	★ ★ ★ ★ ★
Diesel	★ ★ ★ ★ ★
E85	★ ★ ★ ★ ★
Methanol/Alcohol	★ ★ ★ ★ ★
Oil	★ ★ ★ ★ ★
Pump Gas	★ ★ ★ ★ ★
Race Gas	★ ★ ★ ★ ★
Vacuum	★ ★ ★ ★ ★

## XS Stainless Hose



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
333004XS	-4+	.270"	.378"	.75"	1280 PSI
333006XS	-6	.312"	.420"	.75"	1220 PSI
333007XS	-6+	.394"	.534"	1.00"	1160 PSI
333008XS	-8	.465"	.607"	1.25"	1000 PSI
333010XS	-10	.536"	.690"	1.50"	870 PSI
333012XS	-12	.658"	.843"	2.00"	730 PSI
333013XS	-12+	.780"	.953"	2.50"	610 PSI
333016XS	-16	.875"	1.080"	2.75"	600 PSI
333017XS	-16+	1.040"	1.250"	3.00"	580 PSI

## XM XtraTemp Monofilament



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
333004XM	-4+	.270"	.378"	.75"	250 PSI
333006XM	-6	.312"	.420"	.75"	250 PSI
333007XM	-6+	.394"	.534"	1.00"	250 PSI
333008XM	-8	.465"	.607"	1.25"	250 PSI
333010XM	-10	.536"	.690"	1.50"	250 PSI
333012XM	-12	.658"	.843"	2.00"	250 PSI
333013XM	-12+	.780"	.953"	2.50"	250 PSI
333016XM	-16	.875"	1.080"	2.75"	250 PSI
333017XM	-16+	1.040"	1.250"	3.00"	250 PSI

## XK Aramid Braid



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
333004XK	-4+	.270"	.378"	.75"	900 PSI
333006XK	-6	.312"	.420"	.75"	850 PSI
333007XK	-6+	.394"	.534"	1.00"	810 PSI
333008XK	-8	.465"	.607"	1.25"	725 PSI
333010XK	-10	.536"	.690"	1.50"	600 PSI
333012XK	-12	.658"	.843"	2.00"	510 PSI
333013XK	-12+	.780"	.953"	2.50"	430 PSI
333016XK	-16	.875"	1.080"	2.75"	410 PSI
333017XK	-16+	1.040"	1.250"	3.00"	400 PSI

## XKS Aramid Braid w/ Silicone Coat



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
333004XKS	-4+	.270"	.448"	.75"	900 PSI
333006XKS	-6	.312"	.490"	.75"	850 PSI
333007XKS	-6+	.394"	.604"	1.00"	810 PSI
333008XKS	-8	.465"	.677"	1.25"	725 PSI
333010XKS	-10	.536"	.760"	1.50"	600 PSI
333012XKS	-12	.658"	.913"	2.00"	510 PSI
333013XKS	-12+	.780"	1.023"	2.50"	430 PSI
333016XKS	-16	.875"	1.150"	2.75"	410 PSI
333017XKS	-16+	1.040"	1.320"	3.00"	400 PSI

## XM Xtratemp Monofilament Braid w/ Stainless Wire Reinforcement



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
334010XM	-10	.536"	.690"	1.50"	250 PSI
334012XM	-12	.658"	.843"	2.00"	250 PSI
334013XM	-12+	.780"	.953"	2.50"	250 PSI
334016XM	-16	.875"	1.080"	2.75"	250 PSI
334017XM	-16+	1.040"	1.250"	3.00"	250 PSI
334020XM	-20	1.040"	1.250"	3.00"	250 PSI

## XK Aramid Braid w/ Stainless Wire Reinforcement



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
334010XK	-10	.536"	.690"	1.50"	600 PSI
334012XK	-12	.658"	.843"	2.00"	510 PSI
334013XK	-12+	.780"	.953"	2.50"	430 PSI
334016XK	-16	.875"	1.080"	2.75"	410 PSI
334017XK	-16+	1.040"	1.250"	3.00"	400 PSI
334020XK	-20	1.040"	1.250"	3.00"	400 PSI

## XKS Aramid Braid w/ Silicone Coat w/ Stainless Wire Reinforcement



Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
334010XKS	-10	.536"	.760"	1.50"	600 PSI
334012XKS	-12	.658"	.913"	2.00"	510 PSI
334013XKS	-12	.780"	1.023"	2.50"	430 PSI
334016XKS	-16	.875"	1.150"	2.75"	410 PSI
334017XKS	-16+	1.040"	1.320"	3.00"	400 PSI
334020XKS	-20	1.040"	1.320"	3.00"	400 PSI

These race reusable hose ends, designed for use with XRP ProPlus™ Race Hose, allow easy assembly without the need of a crimping machine. They are available in straights, as well as all standard angled bent tube ends (30°, 45°, 60°, 90°, 120°, 150° and 180°), in both a fixed style and full swivel, and jump sizes. All XRP hose ends are available with full hex swivel nuts or with lightweighted turned down (TD) swivel nuts.

## Adjustable

### Straight

Part Number	Hose Size	A.N. Size
RR100006P	-6	-6
RR100008	-8	-8
RR100010	-10	-10
RR100012	-12	-12
RR100016	-16	-16



### 30°

Part Number	Hose Size	A.N. Size
RR203006P	-6	-6
RR203008	-8	-8
RR203010	-10	-10
RR203012	-12	-12
RR203016	-16	-16



### 45°

Part Number	Hose Size	A.N. Size
RR204506P	-6	-6
RR204508	-8	-8
RR204510	-10	-10
RR204512	-12	-12
RR204516	-16	-16



### 60°

Part Number	Hose Size	A.N. Size
RR206006P	-6	-6
RR206008	-8	-8
RR206010	-10	-10
RR206012	-12	-12
RR206016	-16	-16



### 90°

Part Number	Hose Size	A.N. Size
RR209006P	-6	-6
RR209008	-8	-8
RR209010	-10	-10
RR209012	-12	-12
RR209016	-16	-16



### 120°

Part Number	Hose Size	A.N. Size
RR212006P	-6	-6
RR212008	-8	-8
RR212010	-10	-10
RR212012	-12	-12
RR212016	-16	-16



### 150°

Part Number	Hose Size	A.N. Size
RR215006P	-6	-6
RR215008	-8	-8
RR215010	-10	-10
RR215012	-12	-12
RR215016	-16	-16



### 180°

Part Number	Hose Size	A.N. Size
RR218006P	-6	-6
RR218008	-8	-8
RR218010	-10	-10
RR218012	-12	-12
RR218016	-16	-16





## Non-Adjustable

30°

Part Number	Hose Size	A.N. Size
RR103006P	-6	-6
RR103008	-8	-8
RR103010	-10	-10
RR103012	-12	-12
RR103016	-16	-16



45°

Part Number	Hose Size	A.N. Size
RR104506P	-6	-6
RR104508	-8	-8
RR104510	-10	-10
RR104512	-12	-12
RR104516	-16	-16



60°

Part Number	Hose Size	A.N. Size
RR106006P	-6	-6
RR106008	-8	-8
RR106010	-10	-10
RR106012	-12	-12
RR106016	-16	-16



90°

Part Number	Hose Size	A.N. Size
RR109006P	-6	-6
RR109008	-8	-8
RR109010	-10	-10
RR109012	-12	-12
RR109016	-16	-16



120°

Part Number	Hose Size	A.N. Size
RR112006P	-6	-6
RR112008	-8	-8
RR112010	-10	-10
RR112012	-12	-12
RR112016	-16	-16



150°

Part Number	Hose Size	A.N. Size
RR115006P	-6	-6
RR115008	-8	-8
RR115010	-10	-10
RR115012	-12	-12
RR115016	-16	-16



180°

Part Number	Hose Size	A.N. Size
RR118006P	-6	-6
RR118008	-8	-8
RR118010	-10	-10
RR118012	-12	-12
RR118016	-16	-16



## Black Socket

Part Number	Hose Size	A.N. Size
RR1002-06P	-6	-6
RR1002-08	-8	-8
RR1002-10	-10	-10



## Gold Socket

Part Number	Hose Size	A.N. Size
RR1002-06GLD	-6	-6
RR1002-08GLD	-8	-8
RR1002-10GLD	-10	-10



## Super Nickel Socket

Part Number	Hose Size	A.N. Size
RR1002-06PSN	-6	-6
RR1002-08SN	-8	-8
RR1002-10SN	-10	-10



## Replacement Olive

Part Number	Hose Size	A.N. Size
RR600906	-6	-6
RR600908	-8	-8
RR600910	-10	-10



The XRP Race Crimp Hose End™ series consists of virtually every hose end style available in our other hose end products and more. Available in straights, all normal angles in bent tube fixed and bent tube double O-Ring sealed full swivels. Offered in 37° females, Clamshell, ORB, expander, & reducer jump sizes.

## Straight



Part Number	Hose Size	A.N. Size
RC220006BB	-6	-6
RC220008BB	-8	-8
RC220010BB	-10	-10
RC220012BB	-12	-12
RC220016BB	-16	-16
RC220064BB	-6	-4
RC220068BB	-6	-8
RC220086BB	-8	-6
RC220081BB	-8	-10
RC220007BB	-10	-8
RC220009BB	-10	-12
RC220011BB	-12	-10
RC220013BB	-12	-16
RC220017BB	-16	-12

## Non-Adjustable

30°



Part Number	Hose Size	A.N. Size
RC223006BB	-6	-6
RC223008BB	-8	-8
RC223010BB	-10	-10
RC223012BB	-12	-12
RC223016BB	-16	-16
RC223064BB	-6	-4
RC223068BB	-6	-8
RC223086BB	-8	-6
RC223081BB	-8	-10
RC223007BB	-10	-8
RC223009BB	-10	-12
RC223011BB	-12	-10
RC223013BB	-12	-16
RC223017BB	-16	-12

45°



Part Number	Hose Size	A.N. Size
RC224506BB	-6	-6
RC224508BB	-8	-8
RC224510BB	-10	-10
RC224512BB	-12	-12
RC224516BB	-16	-16
RC224564BB	-6	-4
RC224568BB	-6	-8
RC224586BB	-8	-6
RC224581BB	-8	-10
RC224507BB	-10	-8
RC224509BB	-10	-12
RC224511BB	-12	-10
RC224513BB	-12	-16
RC224517BB	-16	-12

60°



Part Number	Hose Size	A.N. Size
RC226006BB	-6	-6
RC226008BB	-8	-8
RC226010BB	-10	-10
RC226012BB	-12	-12
RC226016BB	-16	-16
RC226064BB	-6	-4
RC226068BB	-6	-8
RC226086BB	-8	-6
RC226081BB	-8	-10
RC226007BB	-10	-8
RC226009BB	-10	-12
RC226011BB	-12	-10
RC226013BB	-12	-16
RC226017BB	-16	-12

90°



Part Number	Hose Size	A.N. Size
RC229006BB	-6	-6
RC229008BB	-8	-8
RC229010BB	-10	-10
RC229012BB	-12	-12
RC229016BB	-16	-16
RC229064BB	-6	-4
RC229068BB	-6	-8
RC229086BB	-8	-6
RC229081BB	-8	-10
RC229007BB	-10	-8
RC229009BB	-10	-12
RC229011BB	-12	-10
RC229013BB	-12	-16
RC229017BB	-16	-12

**ProPlus™ Race Crimp Hose Ends**  
**Non-Adjustable**

10

**ProPlus™ Race Crimp Hose Ends**  
**Adjustable**

11

120°



Part Number	Hose Size	A.N. Size
RC221206BB	-6	-6
RC221208BB	-8	-8
RC221210BB	-10	-10
RC221212BB	-12	-12
RC221216BB	-16	-16
RC221264BB	-6	-4
RC221268BB	-6	-8
RC221286BB	-8	-6
RC221281BB	-8	-10
RC221207BB	-10	-8
RC221209BB	-10	-12
RC221211BB	-12	-10
RC221213BB	-12	-16
RC221217BB	-16	-12

150°



Part Number	Hose Size	A.N. Size
RC221506BB	-6	-6
RC221508BB	-8	-8
RC221510BB	-10	-10
RC221512BB	-12	-12
RC221516BB	-16	-16
RC221564BB	-6	-4
RC221568BB	-6	-8
RC221586BB	-8	-6
RC221581BB	-8	-10
RC221507BB	-10	-8
RC221509BB	-10	-12
RC221511BB	-12	-10
RC221513BB	-12	-16
RC221517BB	-16	-12

180°



Part Number	Hose Size	A.N. Size
RC221806BB	-6	-6
RC221808BB	-8	-8
RC221810BB	-10	-10
RC221812BB	-12	-12
RC221816BB	-16	-16
RC221864BB	-6	-4
RC221868BB	-6	-8
RC221886BB	-8	-6
RC221881BB	-8	-10
RC221807BB	-10	-8
RC221809BB	-10	-12
RC221811BB	-12	-10
RC221813BB	-12	-16
RC221817BB	-16	-12

90°



Part Number	Hose Size	A.N. Size
RCS229006BB	-6	-6
RCS229008BB	-8	-8
RCS229010BB	-10	-10
RCS229012BB	-12	-12
RCS229016BB	-16	-16
RCS229068BB	-6	-8
RCS229086BB	-8	-6
RCS229081BB	-8	-10
RCS229007BB	-10	-8
RCS229009BB	-10	-12
RCS229011BB	-12	-10
RCS229013BB	-12	-16
RCS229017BB	-16	-12

120°



Part Number	Hose Size	A.N. Size
RCS221206BB	-6	-6
RCS221208BB	-8	-8
RCS221210BB	-10	-10
RCS221212BB	-12	-12
RCS221216BB	-16	-16
RCS221268BB	-6	-8
RCS221286BB	-8	-6
RCS221281BB	-8	-10
RCS221207BB	-10	-8
RCS221209BB	-10	-12
RCS221211BB	-12	-10
RCS221213BB	-12	-16
RCS221217BB	-16	-12

30°



Part Number	Hose Size	A.N. Size
RCS223006BB	-6	-6
RCS223008BB	-8	-8
RCS223010BB	-10	-10
RCS223012BB	-12	-12
RCS223016BB	-16	-16
RCS223068BB	-6	-8
RCS223086BB	-8	-6
RCS223081BB	-8	-10
RCS223007BB	-10	-8
RCS223009BB	-10	-12
RCS223011BB	-12	-10
RCS223013BB	-12	-16
RCS223017BB	-16	-12

**Adjustable**  
45°



Part Number	Hose Size	A.N. Size
RCS224506BB	-6	-6
RCS224508BB	-8	-8
RCS224510BB	-10	-10
RCS224512BB	-12	-12
RCS224516BB	-16	-16
RCS224568BB	-6	-8
RCS224586BB	-8	-6
RCS224581BB	-8	-10
RCS224507BB	-10	-8
RCS224509BB	-10	-12
RCS224511BB	-12	-10
RCS224513BB	-12	-16
RCS224517BB	-16	-12

60°



Part Number	Hose Size	A.N. Size
RCS226006BB	-6	-6
RCS226008BB	-8	-8
RCS226010BB	-10	-10
RCS226012BB	-12	-12
RCS226016BB	-16	-16
RCS226068BB	-6	-8
RCS226086BB	-8	-6
RCS226081BB	-8	-10
RCS226007BB	-10	-8
RCS226009BB	-10	-12
RCS226011BB	-12	-10
RCS226013BB	-12	-16
RCS226017BB	-16	-12

150°



Part Number	Hose Size	A.N. Size
RCS221506BB	-6	-6
RCS221508BB	-8	-8
RCS221510BB	-10	-10
RCS221512BB	-12	-12
RCS221516BB	-16	-16
RCS221568BB	-6	-8
RCS221586BB	-8	-6
RCS221581BB	-8	-10
RCS221507BB	-10	-8
RCS221509BB	-10	-12
RCS221511BB	-12	-10
RCS221513BB	-12	-16
RCS221517BB	-16	-12

180°



Part Number	Hose Size	A.N. Size
RCS221806BB	-6	-6
RCS221808BB	-8	-8
RCS221810BB	-10	-10
RCS221812BB	-12	-12
RCS221816BB	-16	-16
RCS221868BB	-6	-8
RCS221886BB	-8	-6
RCS221881BB	-8	-10
RCS221807BB	-10	-8
RCS221809BB	-10	-12
RCS221811BB	-12	-10
RCS221813BB	-12	-16
RCS221817BB	-16	-12



## Non-Adjustable Clamshell Hose Ends

**Straight**



Part Number	Hose Size	Clamshell
RC220006HCBB	-6	-8
RC220008HCBB	-8	-8
RC220010HCBB	-10	-10
RC220012HCBB	-12	-12
RC220016HCBB	-16	-16
RC220081HCBB	-8	-10
RC220007HCBB	-10	-8
RC220009HCBB	-10	-12
RC220011HCBB	-12	-10
RC220013HCBB	-12	-16
RC220017HCBB	-16	-12

**30°**



Part Number	Hose Size	Clamshell
RC223006HCBB	-6	-8
RC223008HCBB	-8	-8
RC223010HCBB	-10	-10
RC223012HCBB	-12	-12
RC223016HCBB	-16	-16
RC223081HCBB	-8	-10
RC223007HCBB	-10	-8
RC223009HCBB	-10	-12
RC223011HCBB	-12	-10
RC223013HCBB	-12	-16
RC223017HCBB	-16	-12

**45°**



Part Number	Hose Size	Clamshell
RC224506HCBB	-6	-8
RC224508HCBB	-8	-8
RC224510HCBB	-10	-10
RC224512HCBB	-12	-12
RC224516HCBB	-16	-16
RC224581HCBB	-8	-10
RC224507HCBB	-10	-8
RC224509HCBB	-10	-12
RC224511HCBB	-12	-10
RC224513HCBB	-12	-16
RC224517HCBB	-16	-12

**60°**



Part Number	Hose Size	Clamshell
RC226006HCBB	-6	-8
RC226008HCBB	-8	-8
RC226010HCBB	-10	-10
RC226012HCBB	-12	-12
RC226016HCBB	-16	-16
RC226081HCBB	-8	-10
RC226007HCBB	-10	-8
RC226009HCBB	-10	-12
RC226011HCBB	-12	-10
RC226013HCBB	-12	-16
RC226017HCBB	-16	-12

**90°**



Part Number	Hose Size	Clamshell
RC229006HCBB	-6	-8
RC229008HCBB	-8	-8
RC229010HCBB	-10	-10
RC229012HCBB	-12	-12
RC229016HCBB	-16	-16
RC229081HCBB	-8	-10
RC229007HCBB	-10	-8
RC229009HCBB	-10	-12
RC229011HCBB	-12	-10
RC229013HCBB	-12	-16
RC229017HCBB	-16	-12

**120°**



Part Number	Hose Size	Clamshell
RC221206HCBB	-6	-8
RC221208HCBB	-8	-8
RC221210HCBB	-10	-10
RC221212HCBB	-12	-12
RC221216HCBB	-16	-16
RC221281HCBB	-8	-10
RC221207HCBB	-10	-8
RC221209HCBB	-10	-12
RC221211HCBB	-12	-10
RC221213HCBB	-12	-16
RC221217HCBB	-16	-12

## Non-Adjustable Clamshell Hose Ends

**150°**



Part Number	Hose Size	Clamshell
RC221506HCBB	-6	-8
RC221508HCBB	-8	-8
RC221510HCBB	-10	-10
RC221512HCBB	-12	-12
RC221516HCBB	-16	-16
RC221581HCBB	-8	-10
RC221507HCBB	-10	-8
RC221509HCBB	-10	-12
RC221511HCBB	-12	-10
RC221513HCBB	-12	-16
RC221517HCBB	-16	-12

**180°**



Part Number	Hose Size	Clamshell
RC221806HCBB	-6	-8
RC221808HCBB	-8	-8
RC221810HCBB	-10	-10
RC221812HCBB	-12	-12
RC221816HCBB	-16	-16
RC221881HCBB	-8	-10
RC221807HCBB	-10	-8
RC221809HCBB	-10	-12
RC221811HCBB	-12	-10
RC221813HCBB	-12	-16
RC221817HCBB	-16	-12

## Adjustable Clamshell Hose Ends

**30°**



Part Number	Hose Size	Clamshell
RCS223006HCBB	-6	-8
RCS223008HCBB	-8	-8
RCS223010HCBB	-10	-10
RCS223012HCBB	-12	-12
RCS223016HCBB	-16	-16
RCS223081HCBB	-8	-10
RCS223007HCBB	-10	-8
RCS223009HCBB	-10	-12
RCS223011HCBB	-12	-10
RCS223013HCBB	-12	-16
RCS223017HCBB	-16	-12

**45°**



Part Number	Hose Size	Clamshell
RCS224506HCBB	-6	-8
RCS224508HCBB	-8	-8
RCS224510HCBB	-10	-10
RCS224512HCBB	-12	-12
RCS224516HCBB	-16	-16
RCS224581HCBB	-8	-10
RCS224507HCBB	-10	-8
RCS224509HCBB	-10	-12
RCS224511HCBB	-12	-10
RCS224513HCBB	-12	-16
RCS224517HCBB	-16	-12

**60°**



Part Number	Hose Size	Clamshell
RCS226006HCBB	-6	-8
RCS226008HCBB	-8	-8
RCS226010HCBB	-10	-10
RCS226012HCBB	-12	-12
RCS226016HCBB	-16	-16
RCS226081HCBB	-8	-10
RCS226007HCBB	-10	-8
RCS226009HCBB	-10	-12
RCS226011HCBB	-12	-10
RCS226013HCBB	-12	-16
RCS226017HCBB	-16	-12

## Adjustable Clamshell Hose Ends

90°



Part Number	Hose Size	Clamshell
RCS229006HCBB	-6	-8
RCS229008HCBB	-8	-8
RCS229010HCBB	-10	-10
RCS229012HCBB	-12	-12
RCS229016HCBB	-16	-16
RCS229081HCBB	-8	-10
RCS229007HCBB	-10	-8
RCS229009HCBB	-10	-12
RCS229011HCBB	-12	-10
RCS229013HCBB	-12	-16
RCS229017HCBB	-16	-12

120°



Part Number	Hose Size	Clamshell
RCS221206HCBB	-6	-8
RCS221208HCBB	-8	-8
RCS221210HCBB	-10	-10
RCS221212HCBB	-12	-12
RCS221216HCBB	-16	-16
RCS221281HCBB	-8	-10
RCS221207HCBB	-10	-8
RCS221209HCBB	-10	-12
RCS221211HCBB	-12	-10
RCS221213HCBB	-12	-16
RCS221217HCBB	-16	-12

150°



Part Number	Hose Size	Clamshell
RCS221506HCBB	-6	-8
RCS221508HCBB	-8	-8
RCS221510HCBB	-10	-10
RCS221512HCBB	-12	-12
RCS221516HCBB	-16	-16
RCS221581HCBB	-8	-10
RCS221507HCBB	-10	-8
RCS221509HCBB	-10	-12
RCS221511HCBB	-12	-10
RCS221513HCBB	-12	-16
RCS221517HCBB	-16	-12

180°



Part Number	Hose Size	Clamshell
RCS221806HCBB	-6	-8
RCS221808HCBB	-8	-8
RCS221810HCBB	-10	-10
RCS221812HCBB	-12	-12
RCS221816HCBB	-16	-16
RCS221881HCBB	-8	-10
RCS221807HCBB	-10	-8
RCS221809HCBB	-10	-12
RCS221811HCBB	-12	-10
RCS221813HCBB	-12	-16
RCS221817HCBB	-16	-12

## Non-Adjustable O-Ring Hose Ends

30°



Part Number	Hose Size	Port Thread
RC223006BBORB	-6	-6 O-ring
RC223008BBORB	-8	-8 O-ring
RC223010BBORB	-10	-10 O-ring
RC223012BBORB	-12	-12 O-ring
RC223016BBORB	-16	-16 O-ring
RC223068BBORB	-6	-8 O-ring
RC223086BBORB	-8	-6 O-ring
RC223081BBORB	-8	-10 O-ring
RC223007BBORB	-10	-8 O-ring
RC223009BBORB	-10	-12 O-ring
RC223011BBORB	-12	-10 O-ring
RC223013BBORB	-12	-16 O-ring
RC223017BBORB	-16	-12 O-ring

45°



Part Number	Hose Size	Port Thread
RC224506BBORB	-6	-6 O-ring
RC224508BBORB	-8	-8 O-ring
RC224510BBORB	-10	-10 O-ring
RC224512BBORB	-12	-12 O-ring
RC224516BBORB	-16	-16 O-ring
RC224568BBORB	-6	-8 O-ring
RC224586BBORB	-8	-6 O-ring
RC224581BBORB	-8	-10 O-ring
RC224507BBORB	-10	-8 O-ring
RC224509BBORB	-10	-12 O-ring
RC224511BBORB	-12	-10 O-ring
RC224513BBORB	-12	-16 O-ring
RC224517BBORB	-16	-12 O-ring

60°



Part Number	Hose Size	Port Thread
RC226006BBORB	-6	-6 O-ring
RC226008BBORB	-8	-8 O-ring
RC226010BBORB	-10	-10 O-ring
RC226012BBORB	-12	-12 O-ring
RC226016BBORB	-16	-16 O-ring
RC226068BBORB	-6	-8 O-ring
RC226086BBORB	-8	-6 O-ring
RC226081BBORB	-8	-10 O-ring
RC226007BBORB	-10	-8 O-ring
RC226009BBORB	-10	-12 O-ring
RC226011BBORB	-12	-10 O-ring
RC226013BBORB	-12	-16 O-ring
RC226017BBORB	-16	-12 O-ring

90°



Part Number	Hose Size	Port Thread
RC229006BBORB	-6	-6 O-ring
RC229008BBORB	-8	-8 O-ring
RC229010BBORB	-10	-10 O-ring
RC229012BBORB	-12	-12 O-ring
RC229016BBORB	-16	-16 O-ring
RC229068BBORB	-6	-8 O-ring
RC229086BBORB	-8	-6 O-ring
RC229081BBORB	-8	-10 O-ring
RC229007BBORB	-10	-8 O-ring
RC229009BBORB	-10	-12 O-ring
RC229011BBORB	-12	-10 O-ring
RC229013BBORB	-12	-16 O-ring
RC229017BBORB	-16	-12 O-ring

120°



Part Number	Hose Size	Port Thread
RC221206BBORB	-6	-6 O-ring
RC221208BBORB	-8	-8 O-ring
RC221210BBORB	-10	-10 O-ring
RC221212BBORB	-12	-12 O-ring
RC221216BBORB	-16	-16 O-ring
RC221268BBORB	-6	-8 O-ring
RC221286BBORB	-8	-6 O-ring
RC221281BBORB	-8	-10 O-ring
RC221207BBORB	-10	-8 O-ring
RC221209BBORB	-10	-12 O-ring
RC221211BBORB	-12	-10 O-ring
RC221213BBORB	-12	-16 O-ring
RC221217BBORB	-16	-12 O-ring

150°



Part Number	Hose Size	Port Thread
RC221506BBORB	-6	-6 O-ring
RC221508BBORB	-8	-8 O-ring
RC221510BBORB	-10	-10 O-ring
RC221512BBORB	-12	-12 O-ring
RC221516BBORB	-16	-16 O-ring
RC221568BBORB	-6	-8 O-ring
RC221586BBORB	-8	-6 O-ring
RC221581BBORB	-8	-10 O-ring
RC221507BBORB	-10	-8 O-ring
RC221509BBORB	-10	-12 O-ring
RC221511BBORB	-12	-10 O-ring
RC221513BBORB	-12	-16 O-ring
RC221517BBORB	-16	-12 O-ring



180°



Part Number	Hose Size	Port Thread
RC221806BBORB	-6	-6 O-ring
RC221808BBORB	-8	-8 O-ring
RC221810BBORB	-10	-10 O-ring
RC221812BBORB	-12	-12 O-ring
RC221816BBORB	-16	-16 O-ring
RC221868BBORB	-6	-8 O-ring
RC221886BBORB	-8	-6 O-ring
RC221881BBORB	-8	-10 O-ring
RC221807BBORB	-10	-8 O-ring
RC221809BBORB	-10	-12 O-ring
RC221811BBORB	-12	-10 O-ring
RC221813BBORB	-12	-16 O-ring
RC221817BBORB	-16	-12 O-ring

## ProPlus™ Crimp Dimensions

Hose Sku	Size	Nominal I.D.	Actual I.D.	XRP Hose Ends Series	Crimp Collar Part Number	Crimp Dia.	Crimp Die Number	Expansion Tool	Expansion Tool Die
333004_	-4+	1/4"	.270"	-4 HS-79	2276-04	.475"	HP-007-4	N/A	N/A
333006_	-6	5/16"	.312"	-6 RC	RC2270-06	.589"	RC-007-06	328100	328106
333007_	-6+	3/8"	.394"	-6 HS-79	2275-06	.640"	HP-007-6	N/A	N/A
333007_	-6+	3/8"	.394"	-6 RC	RC2270-06	.589"	RC-007-06	N/A	N/A
333008_	-8	7/16"	.465"	-8 RC	RC2270-08	.680"	RC-007-08	N/A	N/A
333010_	-10	1/2"	.536"	-10 RC	RC2270-10	.858"	RC-007-10	328100	328110
333010_	-10	1/2"	.536"	-8 HS-79	2275-08	.753"	HP-007-8	N/A	N/A
333012_	-12	5/8"	.658"	-12 RC	RC2270-12	.992"	RC-007-12	328100	328112
333012_	-12	5/8"	.658"	-10 HS-79	2275-10	.930"	HP-007-10	N/A	N/A
333013_	-12+	3/4"	.780"	-12 HS-79	2275-12	1.065"	HP-007-12	N/A	N/A
333016_	-16	7/8"	.875"	-16 RC	RC2270-16	1.189"	RC-007-16	328100	328116
333017_	-16+	1"	1.040"	-16 HS-79	2275-16	1.300"	HP-007-16	N/A	N/A

## Race Crimp Collar Options

### Black Collar

Part Number	Hose Size	A.N. Size
RC2270-06BB	-6	-6
RC2270-08BB	-8	-8
RC2270-10BB	-10	-10
RC2270-12BB	-12	-12
RC2270-16BB	-16	-16



### Gold Collar

Part Number	Hose Size	A.N. Size
RC2270-06	-6	-6
RC2270-08	-8	-8
RC2270-10	-10	-10
RC2270-12	-12	-12
RC2270-16	-16	-16



### Super Nickel Collar

Part Number	Hose Size	A.N. Size
RC2270-06SN	-6	-6
RC2270-08SN	-8	-8
RC2270-10SN	-10	-10
RC2270-12SN	-12	-12
RC2270-16SN	-16	-16



See Above Graph for Crimp Dimensions

HS-79 ultra lightweight, flexible, smooth-bore PTFE hose has a 4-ply composite construction: a PTFE inner liner, Silicone outer liner, high tensile stainless steel reinforcing braid and outer braid of aramid fiber. HS-79 hose is available with a CSM (Hypalon) outer covering as a fifth layer for added resistance against abrasion and ease of cleaning. This is widely considered the number one hose in the ANPlumbing industry.



### HS-79 PTFE Hose

Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
322004	-4	.250"	.400"	.50"	600 PSI
322006	-6	.375"	.550"	.75"	600 PSI
322008	-8	.500"	.680"	1.00"	600 PSI
322010	-10	.625"	.810"	1.25"	400 PSI
322012	-12	.750"	.950"	1.50"	400 PSI
322016	-16	1.000"	1.200"	2.00"	200 PSI
322020	-20	1.250"	1.450"	5.00"	100 PSI



### HS-79 PTFE Hose w/ Hypalon

Part Number	Size	I.D. INCHES	O.D. INCHES	Min. Bend Radius INCHES	Max Operating Pressure
324004	-4	.250"	.440"	.50"	600 PSI
324006	-6	.375"	.590"	.75"	600 PSI
324008	-8	.500"	.720"	1.00"	600 PSI
324010	-10	.625"	.850"	1.25"	400 PSI
324012	-12	.750"	.990"	1.50"	400 PSI
324016	-16	1.000"	1.240"	2.00"	200 PSI
324020	-20	1.250"	1.490"	5.00"	100 PSI

### HS-79 Hose Information

Temperature range -65°F to 400°F	Large Flow Capacity
Sold by the foot in continous lengths	Lightweight, flexible smooth-bore
Fluid Type	Rating
Automatic Transmission Fluid	★★★★★
Bio-Fuels	★★★★★
Coolant	★★★★★
Diesel	★★★★★
E85	★★★★★
Methanol/Alcohol	★★★★★
Oil	★★★★★
Pump Gas	★★★★★
Race Gas	★★★★★
Vacuum	★★★★★

# HS-79 Hose Ends

## Crimp on Hose Ends

18

### Straight

Part Number	Hose Size	A.N. Size
220004	-4	-4
220006	-6	-6
220008	-8	-8
220010	-10	-10
220012	-12	-12
220016	-16	-16
220020	-20	-20
220068	-6	-8
220086	-8	-6
220081	-8	-10
220007	-10	-8
220009	-10	-12
220011	-12	-10
220013	-12	-16
220017	-16	-12
220018	-20	-12



### Straight

Part Number	Hose Size	A.N. Size
220106	-6	-6
220108	-8	-8
220110	-10	-10
220112	-12	-12
220116	-16	-16



### 30°

Part Number	Hose Size	A.N. Size
223004	-4	-4
223006	-6	-6
223008	-8	-8
223010	-10	-10
223012	-12	-12
223016	-16	-16
223020	-20	-20



### 45° Forged

Part Number	Hose Size	A.N. Size
224606	-6	-6
224608	-8	-8



### 60°

Part Number	Hose Size	A.N. Size
226004	-4	-4
226006	-6	-6
226008	-8	-8
226010	-10	-10
226012	-12	-12
226016	-16	-16
226020	-20	-20



### 90°

Part Number	Hose Size	A.N. Size
229004	-4	-4
229006	-6	-6
229008	-8	-8
229010	-10	-10
229012	-12	-12
229016	-16	-16
229020	-20	-20
229068	-6	-8
229081	-8	-10
229007	-10	-8
229009	-10	-12
229011	-12	-10
229013	-12	-16
229017	-16	-12
229018	-20	-12



### 45°

Part Number	Hose Size	A.N. Size
224504	-4	-4
224506	-6	-6
224508	-8	-8
224510	-10	-10
224512	-12	-12
224516	-16	-16
224520	-20	-20
224568	-6	-8
224581	-8	-10
224507	-10	-8
224509	-10	-12
224511	-12	-10
224513	-12	-16
224517	-16	-12



### 90° Forged

Part Number	Hose Size	A.N. Size
229106	-6	-6
229108	-8	-8
229110	-10	-10
229112	-12	-12



# HS-79 Hose Ends

## Crimp on Hose Ends

19

### 120°



Part Number	Hose Size	A.N. Size
221204	-4	-4
221206	-6	-6
221208	-8	-8
221210	-10	-10
221212	-12	-12
221216	-16	-16
221220	-20	-20
221217	-16	-12

### 150°



Part Number	Hose Size	A.N. Size
221504	-4	-4
221506	-6	-6
221508	-8	-8
221510	-10	-10
221512	-12	-12
221516	-16	-16
221520	-20	-20
221517	-16	-12

### 180°



Part Number	Hose Size	A.N. Size
221804	-4	-4
221806	-6	-6
221808	-8	-8
221810	-10	-10
221812	-12	-12
221816	-16	-16
221820	-20	-20

## Non-Adjustable Clamshell Crimp on Hose Ends

### Straight

Part Number	Hose Size	Clamshell
220006HC	-6	-8
220008HC	-8	-8
220010HC	-10	-10
220012HC	-12	-12
220016HC	-16	-16
220020HC	-20	-20
220013HC	-12	-16
220025HC	-20	-24



### 30°

Part Number	Hose Size	Clamshell
223006HC	-6	-8
223008HC	-8	-8
223010HC	-10	-10
223012HC	-12	-12
223016HC	-16	-16
223020HC	-20	-20
223025HC	-20	-24



### 45°



Part Number	Hose Size	Clamshell
224506HC	-6	-8
224508HC	-8	-8
224510HC	-10	-10
224512HC	-12	-12
224516HC	-16	-16
224520HC	-20	-20
224513HC	-12	-16
224525HC	-20	-24

### 60°



Part Number	Hose Size	Clamshell
226006HC	-6	-8
226008HC	-8	-8
226010HC	-10	-10
226012HC	-12	-12
226016HC	-16	-16
226020HC	-20	-20
226025HC	-20	-24

### 90°



Part Number	Hose Size	Clamshell
229006HC	-6	-8
229008HC	-8	-8
229010HC	-10	-10
229012HC	-12	-12
229016HC	-16	-16
229020HC	-20	-20
229025HC	-20	-24



### Non-Adjustable Clamshell Crimp on Hose Ends

120°



Part Number	Hose Size	Clamshell
221206HC	-6	-8
221208HC	-8	-8
221210HC	-10	-10
221212HC	-12	-12
221216HC	-16	-16
221220HC	-20	-20
221225HC	-20	-24

150°



Part Number	Hose Size	Clamshell
221506HC	-6	-8
221508HC	-8	-8
221510HC	-10	-10
221512HC	-12	-12
221516HC	-16	-16
221520HC	-20	-20
221525HC	-20	-24

180°



Part Number	Hose Size	Clamshell
221806HC	-6	-8
221808HC	-8	-8
221810HC	-10	-10
221812HC	-12	-12
221816HC	-16	-16
221820HC	-20	-20
221825HC	-20	-24

### Non-Adjustable O-Ring Crimp on Hose

30°



Part Number	Hose Size	Port Thread
223010ORB	-10	-10
223012ORB	-12	-12

45°



Part Number	Hose Size	Port Thread
224510ORB	-10	-10
224512ORB	-12	-12

60°



Part Number	Hose Size	Port Thread
226010ORB	-10	-10
226012ORB	-12	-12

90°



Part Number	Hose Size	Port Thread
229010ORB	-10	-10
229012ORB	-12	-12

120°



Part Number	Hose Size	Port Thread
221210ORB	-10	-10
221212ORB	-12	-12

150°



Part Number	Hose Size	Port Thread
221510ORB	-10	-10
221512ORB	-12	-12

180°

Part Number	Hose Size	Port Thread
221810ORB	-10	-10
221812ORB	-12	-12



Gold



w/o Hypalon

Part Number	Hose Size
2255-04	-4
2255-06	-6
2255-08	-8
2255-10	-10
2255-12	-12
2255-16	-16
2255-20	-20

w/ Hypalon

Part Number	Hose Size
2275-04	-4
2275-06	-6
2275-08	-8
2275-10	-10
2275-12	-12
2275-16	-16
2275-20	-20

Black



w/o Hypalon

Part Number	Hose Size
2255-04BB	-4
2255-06BB	-6
2255-08BB	-8
2255-10BB	-10
2255-12BB	-12
2255-16BB	-16
2255-20BB	-20

w/ Hypalon

Part Number	Hose Size
2275-04BB	-4
2275-06BB	-6
2275-08BB	-8
2275-10BB	-10
2275-12BB	-12
2275-16BB	-16
2275-20BB	-20

Super Nickel



w/o Hypalon

Part Number	Hose Size
2255-04SN	-4
2255-06SN	-6
2255-08SN	-8
2255-10SN	-10
2255-12SN	-12
2255-16SN	-16
2255-20SN	-20

w/ Hypalon

Part Number	Hose Size
2275-04SN	-4
2275-06SN	-6
2275-08SN	-8
2275-10SN	-10
2275-12SN	-12
2275-16SN	-16
2275-20SN	-20

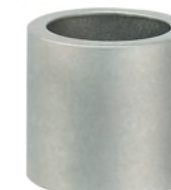
w/o Hypalon

Part Number	Hose Size
2255-04TT	-4
2255-06TT	-6
2255-08TT	-8
2255-10TT	-10
2255-12TT	-12
2255-16TT	-16
2255-20TT	-20

w/ Hypalon

Part Number	Hose Size
2275-04TT	-4
2275-06TT	-6
2275-08TT	-8
2275-10TT	-10
2275-12TT	-12
2275-16TT	-16
2275-20TT	-20

Ti Tech



### HS-79 Crimp Dimensions

#### HS-79

Hose Sku	Size	XRP Part Number	Crimp Die Number	Crimp Dia. (+/-0.005)
322004	-4	329004	HP-007-4	.445"
322006	-6	329006	IP-007-06	.600"
322008	-8	329008	IP-007-8	.715"
322010	-10	329010	IP-007-10	.905"
322012	-12	329012	IP-007-12	1.015"
322016	-16	329016	IP-16-20	1.270"
322020	-20	329020	IP-007-20	1.550"

#### HS-79 w/ Hypalon

Hose Sku	Size	XRP Part Number	Crimp Die Number	Crimp Dia. (+/-0.005)
324004	-4	329104	HP-007-4	.495"
324006	-6	329106	HP-007-06	.640"
324008	-8	329108	HP-007-8	.753"
324010	-10	329110	HP-007-10	.930"
324012	-12	329112	HP-007-12	1.065"
324016	-16	329116	HP-16-20	1.300"
324020	-20	329120	HP-007-20	1.570"

Hydraflow Clamshells snap ON/OFF. No tools needed. Double swivel hinge for easier assembly. Optional safety strap for easy visual inspection. Race Proven. Saves time, Space, Weight and Headaches. Threadless fixed cavity design. Full flow - no restrictions. Double O-Ring sealing. Super nickel or anodized finished. 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 Clamps. ©Registered Trademark of Transdigm Inc.

## Clamshell w/ Sleeve



Part Number	Tube/Hose O.D
14J02-08A	.500"
14J02-10A	.625"
14J02-12A	.750"
14J02-16A	1.000"
14J02-20A	1.250"
14J02-24A	1.500"
14J02-28A	1.750"
14J02-32A	2.00"
14J02-36A	2.250"
14J02-40A	2.500"
14J02-48A	3.000"
14J02-56A	3.500"
14J02-64A	4.000"

## Clamshell w/o Sleeve



Part Number	Tube/Hose O.D
14C02-08A	.500"
14C02-10A	.625"
14C02-12A	.750"
14C02-16A	1.000"
14C02-20A	1.250"
14C02-24A	1.500"
14C02-28A	1.750"
14C02-32A	2.00"
14C02-36A	2.250"
14C02-40A	2.500"
14C02-48A	3.000"
14C02-56A	3.500"
14C02-64A	4.000"

## Clamshell w/ Sleeve



Part Number	Tube/Hose O.D
14J02-08ASN	.500"
14J02-10ASN	.625"
14J02-12ASN	.750"
14J02-16ASN	1.000"
14J02-20ASN	1.250"
14J02-24ASN	1.500"
14J02-28ASN	1.750"
14J02-32ASN	2.00"
14J02-36ASN	2.250"
14J02-40ASN	2.500"
14J02-48ASN	3.000"
14J02-56ASN	3.500"
14J02-64ASN	4.000"

## Clamshell w/o Sleeve



Part Number	Tube/Hose O.D
14C02-08ASN	.500"
14C02-10ASN	.625"
14C02-12ASN	.750"
14C02-16ASN	1.000"
14C02-20ASN	1.250"
14C02-24ASN	1.500"
14C02-28ASN	1.750"
14C02-32ASN	2.00"
14C02-36ASN	2.250"
14C02-40ASN	2.500"
14C02-48ASN	3.000"
14C02-56ASN	3.500"
14C02-64ASN	4.000"

## Clamshell w/ Sleeve

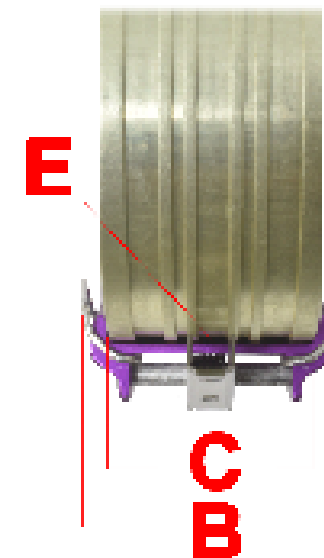
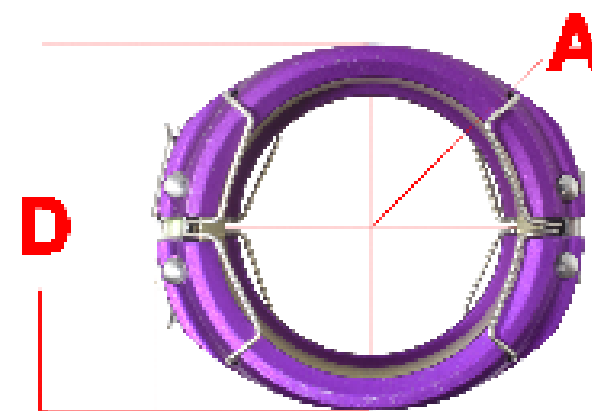


Part Number	Tube/Hose O.D
14J02-08ABB	.500"
14J02-10ABB	.625"
14J02-12ABB	.750"
14J02-16ABB	1.000"
14J02-20ABB	1.250"
14J02-24ABB	1.500"
14J02-28ABB	1.750"
14J02-32ABB	2.00"
14J02-36ABB	2.250"
14J02-40ABB	2.500"
14J02-48ABB	3.000"
14J02-56ABB	3.500"
14J02-64ABB	4.000"

## Clamshell w/o Sleeve



Part Number	Tube/Hose O.D
14C02-08ABB	.500"
14C02-10ABB	.625"
14C02-12ABB	.750"
14C02-16ABB	1.000"
14C02-20ABB	1.250"
14C02-24ABB	1.500"
14C02-28ABB	1.750"
14C02-32ABB	2.00"
14C02-36ABB	2.250"
14C02-40ABB	2.500"
14C02-48ABB	3.000"
14C02-56ABB	3.500"
14C02-64ABB	4.000"



Tube Size	2 Piece Assembly	Clamshell Only	Sleeve Only	FKM O-Ring Seal	EPR O-Ring Seal	A	B	C	D	E
.500"	14J02-08A	14C02-08A	14R02-08A	802015	803015	0.71"	0.72"	0.28"	1.06"	0.692"
.625"	14J02-10A	14C02-10A	14R02-10A	802017	803017	0.78"	0.72"	0.28"	1.16"	0.817"
.750"	14J02-12A	14C02-12A	14R02-12A	802117	803117	0.85"	0.82"	0.25"	1.27"	0.997"
1.000"	14J02-16A	14C02-16A	14R02-16A	802214	803214	0.98"	0.91"	0.28"	1.49"	1.273"
1.250"	14J02-20A	14C02-20A	14R02-20A	802218	803218	1.11"	0.91"	0.28"	1.74"	1.523"
1.500"	14J02-24A	14C02-24A	14R02-24A	802222	803222	1.23"	0.91"	0.28"	2.03"	1.793"
1.750"	14J02-28A	14C02-28A	14R02-28A	802224	803224	1.36"	0.91"	0.28"	2.24"	2.044"
2.00"	14J02-32A	14C02-32A	14R02-32A	802226	803226	1.50"	0.95"	0.28"	2.53"	2.317"
2.250"	14J02-36A	14C02-36A	14R02-36A	802228	803228	1.63"	0.95"	0.28"	2.87"	2.567"
2.500"	14J02-40A	14C02-40A	14R02-40A	802230	803230	1.75"	0.95"	0.28"	3.03"	2.817"
3.000"	14J02-48A	14C02-48A	14R02-48A	802234	803234	2.03"	0.99"	0.28"	3.69"	3.317"
3.500"	14J02-56A	14C02-56A	14R02-56A	802238	803238	2.28"	0.99"	0.28"	4.19"	3.828"
4.000"	14J02-64A	14C02-64A	14R02-64A	802242	803242	2.53"	0.99"	0.25"	4.79"	4.337"



## Sleeve - Aluminum



Part Number	Tube/Hose O.D.
14R02-12A	.750"
14R02-16A	1.000"
14R02-36A	2.250"
14R02-40A	2.500"
14R02-56A	3.500"
14R02-64A	4.000"

## Clamshell Male Cap



Part Number	Clamshell
980608HC	-8
980610HC	-10
980612HC	-12
980616HC	-16
980620HC	-20
980624HC	-24

## Clamshell Fem. Cap



Part Number	Clamshell
992908HC	-8
992910HC	-10
992912HC	-12
992916HC	-16
992920HC	-20
992924HC	-24

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 counterbored area for tubing insertion.

## Clamshell Male Socket Weld-on - Aluminum

### Double O-Ring

Part Number	Clamshell
997208SWHC	-8
997210SWHC	-10
997212SWHC	-12
997216SWHC	-16
997220SWHC	-20
997224SWHC	-24
997228SWHC	-28
997232SWHC	-32
997256SWHC	-56



### Single O-Ring

Part Number	Clamshell
997108SWHC	-8
997110SWHC	-10
997112SWHC	-12
997116SWHC	-16
997120SWHC	-20
997124SWHC	-24
997128SWHC	-28
997136SWHC	-36
997140SWHC	-40
997148SWHC	-48
997156SWHC	-56
997164SWHC	-64



## Clamshell Male Flat Weld-on - Aluminum

### Double O-Ring

Part Number	Clamshell
997208HC	-8
997210HC	-10
997212HC	-12
997216HC	-16
997220HC	-20
997224HC	-24



## w/o Butt End

Part Number	Clamshell
1005-08HC	-8
1005-10HC	-10
1005-12HC	-12
1005-16HC	-16
1005-20HC	-20
1005-24HC	-24



## w/ Butt End

Part Number	Clamshell
1005-08BWHC	-8
1005-10BWHC	-10
1005-12BWHC	-12
1005-16BWHC	-16
1005-20BWHC	-20
1005-24BWHC	-24
1005-28BWHC	-28
1005-48BWHC	-48



## Clamshell Male Butt Weld-on - Aluminum

### Double O-Ring

Part Number	Clamshell
997208BWHC	-8
997210BWHC	-10
997212BWHC	-12
997216BWHC	-16
997220BWHC	-20
997224BWHC	-24
997228BWHC	-28
997248BWHC	-48



### Single O-Ring

Part Number	Clamshell
997108BWHC	-8
997110BWHC	-10
997112BWHC	-12
997116BWHC	-16
997120BWHC	-20
997124BWHC	-24
997128BWHC	-28
997132BWHC	-32
997136BWHC	-36
997140BWHC	-40
997148BWHC	-48
997156BWHC	-56
997164BWHC	-64



## FKM O-Ring



Part Number	Clamshell
802015	-8
802017	-10
802117	-12
802214	-16
802218	-20
802222	-24
802224	-28
802226	-32
802228	-36
802230	-40
802234	-48
802238	-56
802242	-64

## EFR O-Ring



Part Number	Clamshell
803015	-8
803017	-10
803117	-12
803214	-16
803218	-20
803222	-24
803224	-28
803226	-32
803228	-36
803230	-40
803234	-48
803238	-56
803242	-64

Unique Spacer Adapts Dual O-Ring Hose Ends When Used On Single O-Ring Flange



Part Number	Clamshell
HCSP-08A	-8
HCSP-10A	-10
HCSP-12A	-12
HCSP-16A	-16
HCSP-20A	-20

### Straight



Part Number	Clamshell	Port Thread
980008HC	-8	-8
980010HC	-10	-10
980012HC	-12	-12
980016HC	-16	-16
980020HC	-20	-20
980086HC	-8	-6
980081HC	-8	-10
980009HC	-10	-8
980011HC	-10	-12
980013HC	-12	-10
980015HC	-12	-16
980014HC	-16	-12
980018HC	-16	-20
980021HC	-20	-16
980025HC	-20	-24

### 45°



Part Number	Clamshell	Port Thread
954508HC	-8	-8
954510HC	-10	-10
954512HC	-12	-12
954516HC	-16	-16
954520HC	-20	-20
954586HC	-8	-6
954581HC	-8	-10
954509HC	-10	-8
954511HC	-10	-12
954513HC	-12	-10
954514HC	-16	-12
954518HC	-16	-20

### 90° Forged



Part Number	Clamshell	Port Thread
989108HC	-8	-8
989110HC	-10	-10
989112HC	-12	-12
989116HC	-16	-16
989120HC	-20	-20
989186HC	-8	-6
989181HC	-8	-10
989109HC	-10	-8
989113HC	-12	-10
989114HC	-16	-12
989118HC	-16	-20

### 90°



Part Number	Clamshell	Port Thread
959008HC	-8	-8
959010HC	-10	-10
959012HC	-12	-12
959016HC	-16	-16
959020HC	-20	-20
959086HC	-8	-6
959081HC	-8	-10
959009HC	-10	-8
959011HC	-10	-12
959013HC	-12	-10
959014HC	-16	-12
959018HC	-16	-20

### Straight NPT



Part Number	Clamshell	NPT
981607HC	-8	1/4"
981608HC	-8	3/8"
981688HC	-8	1/2"
981609HC	-8	3/4"
981611HC	-10	3/8"
981610HC	-10	1/2"
981613HC	-10	3/4"
981614HC	-12	1/2"
981612HC	-12	3/4"
981615HC	-12	1"
981617HC	-16	3/4"
981616HC	-16	1"
981621HC	-20	1"
981620HC	-20	1-1/4"

-4, -6, -8 & -10 PTFE Hoses are Carbon Lined

Speed-Flex hose is intended for use with Speed-Seal hose ends only. No other Earl's hose end is intended for use with Speed-Flex hose. The use of other manufacturers hose ends is not recommended.

### Stainless Steel Braid sold by the foot



Part Number	Hose Size	Wall Thickness	Max Pressure
600002ERL	-2	.040"	2000 PSI
600003ERL	-3	.040"	2000 PSI
600004ERL	-4	.040"	2000 PSI
600006ERL	-6	.040"	1500 PSI
600008ERL	-8	.040"	1000 PSI
600010ERL	-10	.030"	500 PSI

### 10ft Pre-cut

Part Number	Hose Size	Wall Thickness
610003ERL	-3	.040"
610004ERL	-4	.040"
610006ERL	-6	.040"
610008ERL	-8	.040"
610010ERL	-10	.030"

### 20ft Pre-cut

Part Number	Hose Size	Wall Thickness
620003ERL	-3	.040"
620004ERL	-4	.040"
620006ERL	-6	.040"
620008ERL	-8	.040"
620010ERL	-10	.030"

### 33ft Pre-cut

Part Number	Hose Size	Wall Thickness
633003ERL	-3	.040"
633004ERL	-4	.040"
633006ERL	-6	.040"
633008ERL	-8	.040"
633010ERL	-10	.030"

### w/ Clear PVC Coating Pre-cut



Part Number	Hose Size	Wall Thickness	Length
6100031ERL	-3	.040"	10ft
6200031ERL	-3	.040"	20ft
6330031ERL	-3	.040"	33ft

### Sold by the foot in continous lengths

### w/ Black PVC Coating



Part Number	Hose Size	Wall Thickness
6000035ERL	-3	.040"
6000045ERL	-4	.040"
6000065ERL	-6	.040"

### w/ Clear or Smoke PVC Coating



Part Number	Hose Size	Wall Thickness	Jacket
6000031ERL	-3	.040"	Clear
6000032ERL	-3	.040"	Smoke



# Earls Speed Seal PTFE Hose Ends Aluminum

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Earl's Speed Seal PTFE hose and hose end system is considered the finest in -3,-4,-6,-8, &-10 higher pressure PTFE systems which still maintains its roots in the original M.S. hose end design.

## Earls Speed Flex PTFE Hose Information

Stainless Steel braid and PTFE lined	Use Of Extruded PTFE
Solves Pedal Travel Problem	Use with Speed-Seal Hose Ends only
-65°F to +450°F Temperature	Impervious To Any Fuel Blend
Improved Abrasion Resistance	Modulate Brakes Efficiently
Fluid Type	Rating
Automatic Transmission Fluid	★ ★ ★ ★ ★
Bio-Fuels	★ ★ ★ ★ ★
Coolant	★ ★ ★ ★ ★
Diesel	★ ★ ★ ★ ★
E85	★ ★ ★ ★ ★
Methanol/Alcohol	★ ★ ★ ★ ★
Oil	★ ★ ★ ★ ★
Pump Gas	★ ★ ★ ★ ★
Race Gas	★ ★ ★ ★ ★
Vacuum	★ ★ ★ ★ ★

### Black Hose Ends

#### Straight



Part Number	Hose Size	A.N. Size
AT600133ERL	-3	-3
AT600134ERL	-4	-4
AT600136ERL	-6	-6
AT600138ERL	-8	-8
AT600130ERL	-10	-10

#### 45° (Adjustable)



Part Number	Hose Size	A.N. Size
AT604733ERL	-3	-3
AT604734ERL	-4	-4
AT604736ERL	-6	-6
AT604738ERL	-8	-8
AT604730ERL	-10	-10

#### 45° Forged (Adjustable)



Part Number	Hose Size	A.N. Size
AT604533ERL	-3	-3
AT604534ERL	-4	-4
AT604536ERL	-6	-6
AT604538ERL	-8	-8
AT604530ERL	-10	-10

#### 90° Forged (Adjustable)



Part Number	Hose Size	A.N. Size
AT609033ERL	-3	-3
AT609034ERL	-4	-4
AT609036ERL	-6	-6
AT609038ERL	-8	-8
AT609030ERL	-10	-10

# Earls Speed Seal PTFE Hose Ends Aluminum

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#### 90° (Adjustable)



Part Number	Hose Size	A.N. Size
AT609233ERL	-3	-3
AT609234ERL	-4	-4
AT609236ERL	-6	-6
AT609238ERL	-8	-8
AT609230ERL	-10	-10

#### 120° (Adjustable)



Part Number	Hose Size	A.N. Size
AT612133ERL	-3	-3
AT612134ERL	-4	-4
AT612136ERL	-6	-6
AT612138ERL	-8	-8
AT612130ERL	-10	-10

#### 180° (Adjustable)



Part Number	Hose Size	A.N. Size
AT618133ERL	-3	-3
AT618134ERL	-4	-4
AT618136ERL	-6	-6
AT618138ERL	-8	-8
AT618130ERL	-10	-10

### Red & Blue Hose Ends

#### Straight



Part Number	Hose Size	A.N. Size
AT604733ERL	-3	-3
AT604734ERL	-4	-4
AT604736ERL	-6	-6
AT604738ERL	-8	-8
AT604730ERL	-10	-10

#### 45° (Non-Adjustable)



Part Number	Hose Size	A.N. Size
604633ERL	-3	-3
604634ERL	-4	-4

#### 45° (Adjustable)



Part Number	Hose Size	A.N. Size
604733ERL	-3	-3
604734ERL	-4	-4
604736ERL	-6	-6
604738ERL	-8	-8
604730ERL	-10	-10

#### 45° Forged (Adjustable)



Part Number	Hose Size	A.N. Size
AT604533ERL	-3	-3
AT604534ERL	-4	-4
AT604536ERL	-6	-6
AT604538ERL	-8	-8
AT604530ERL	-10	-10

#### 90° Forged (Adjustable)



Part Number	Hose Size	A.N. Size
609033ERL	-3	-3
609034ERL	-4	-4
609036ERL	-6	-6
609038ERL	-8	-8
609030ERL	-10	-10

#### 90° (Adjustable)



Part Number	Hose Size	A.N. Size
609233ERL	-3	-3
609234ERL	-4	-4
609236ERL	-6	-6
609238ERL	-8	-8
609230ERL	-10	-10





# Earls Speed Seal PTFE Hose Ends Aluminum

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# Earls Speed Seal PTFE Hose Ends Nickel Plated Steel

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90°  
(Non-Adjustable)

Part Number	Hose Size	A.N. Size
609133ERL	-3	-3
609134ERL	-4	-4



120°  
(Adjustable)

Part Number	Hose Size	A.N. Size
612133ERL	-3	-3
612134ERL	-4	-4
612136ERL	-6	-6
612138ERL	-8	-8
612130ERL	-10	-10



180°  
(Adjustable)



Part Number	Hose Size	A.N. Size
618133ERL	-3	-3
618134ERL	-4	-4
618136ERL	-6	-6
618138ERL	-8	-8
618130ERL	-10	-10

3-Way



Part Number	Hose Size
6453533ERL	-3

3-Way w/ A.N. Male



Part Number	Hose Size	A.N. Size	Mount Hole
6453233ERL	-3	-3	1/2"

Straight  
(Adjustable)



Part Number	Hose Size	Banjo Bore
600433ERL	-3	3/8 /10mm

Straight  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
600733ERL	-3	3/8 /10mm

20°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
601133ERL	-3	3/8 /10mm

30°  
(Adjustable)



Part Number	Hose Size	Banjo Bore
600533ERL	-3	3/8 /10mm

30°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
600833ERL	-3	3/8 /10mm

90°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
601533ERL	-3	3/8 /10mm

Straight



Part Number	Hose Size	A.N. Size
600103ERL	-3	-3
600104ERL	-4	-4
600106ERL	-6	-6
600143ERL	-3	-4

45°  
(Adjustable)



Part Number	Hose Size	A.N. Size
604604ERL	-4	-4

90° Forged  
(Adjustable)



Part Number	Hose Size	A.N. Size
609003ERL	-3	-3
609004ERL	-4	-4
609006ERL	-6	-6

45°  
(Adjustable)



Part Number	Hose Size	A.N. Size
604703ERL	-3	-3
604704ERL	-4	-4
604706ERL	-6	-6

45° Forged  
(Non-Adjustable)



Part Number	Hose Size	A.N. Size
604403ERL	-3	-3

90°  
(Non-Adjustable)



Part Number	Hose Size	A.N. Size
609103ERL	-3	-3
609104ERL	-4	-4

45° Forged  
(Adjustable)



Part Number	Hose Size	A.N. Size
604503ERL	-3	-3
604504ERL	-4	-4
604506ERL	-6	-6

90°  
(Adjustable)



Part Number	Hose Size	A.N. Size
609203ERL	-3	-3
609204ERL	-4	-4
609206ERL	-6	-6

90° Forged  
(Non-Adjustable)



Part Number	Hose Size	A.N. Size
608903ERL	-3	-3
608904ERL	-4	-4



# Earls Speed Seal PTFE Hose Ends Nickel Plated Steel

# Earls Speed Seal PTFE Hose Ends Nickel Plated Steel

120°  
(Adjustable)



180°  
(Adjustable)



3-Way



Part Number	Hose Size	A.N. Size
612103ERL	-3	-3
612104ERL	-4	-4
612106ERL	-6	-6

Part Number	Hose Size	A.N. Size
618103ERL	-3	-3
618104ERL	-4	-4
618106ERL	-6	-6

Part Number	Hose Size
6453503ERL	-3

3-Way  
w/ A.N. Male



Part Number	Hose Size	Banjo Bore
600703ERL	-3	3/8 /10mm
600743ERL	-3	7/16

Short Straight  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
600343ERL	-3	7/16

30°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
600803ERL	-3	3/8 /10mm

Straight  
(Adjustable)



Part Number	Hose Size	Banjo Bore
600403ERL	-3	3/8 /10mm

20°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
601103ERL	-3	3/8 /10mm

45°  
(Adjustable)



Part Number	Hose Size	Banjo Bore
601603ERL	-3	3/8 /10mm

A.N. Male Bulkhead



Part Number	Hose Size	A.N. Size
640203ERL	-3	-3

Inverted Flare Male



Part Number	Hose Size	Inverted Flare
640103ERL	-3	3/8-24
640303ERL	-3	10mm x 1.00

Bubble Flare Male



Part Number	Hose Size	Bubble Flare
640803ERL	-3	10mm x 1.00
640403ERL	-3	10mm x 1.25

Inverted Flare Fem.



Part Number	Hose Size	Inverted Flare
640503ERL	-3	3/8-24
640903ERL	-3	10mm x 1.00
641003ERL	-3	10mm x 1.00
640603ERL	-3	10mm x 1.00
640703ERL	-3	10mm x 1.25

Bubble Flare Fem.



Part Number	Hose Size	Bubble Flare
641103ERL	-3	10mm x 1.00

## Earl's Speed Seal Replacement Olives

Aluminum



Part Number	Hose Size
699033ERL	-3
699043ERL	-4
699063ERL	-6
699083ERL	-8

Brass



Part Number	Hose Size
699020ERL	-2
699030ERL	-3
699040ERL	-4
699060ERL	-6
699080ERL	-8
699100ERL	-10

Stainless



Part Number	Hose Size
699039ERL	-3
699049ERL	-4
699069ERL	-6

# Earls Speed Seal PTFE Hose Ends

## Stainless Steel

# Earls Speed Seal PTFE Hose Ends

## Stainless Steel

Straight



Part Number	Hose Size	A.N. Size
6001902ERL	-2	-2
6001923ERL	-2	-3
600193ERL	-3	-3
600194ERL	-4	-4
600196ERL	-6	-6

45°  
(Adjustable)



Part Number	Hose Size	A.N. Size
604793ERL	-3	-3
604794ERL	-4	-4
604796ERL	-6	-6

45° Forged  
(Adjustable)



Part Number	Hose Size	A.N. Size
6045902ERL	-2	-2
6045923ERL	-2	-3
604593ERL	-3	-3
604594ERL	-4	-4
604596ERL	-6	-6

180°  
(Adjustable)



Part Number	Hose Size	A.N. Size
618193ERL	-3	-3
618194ERL	-4	-4
618196ERL	-6	-6

3-Way



Part Number	Hose Size
6453593ERL	-3

3-Way  
w/ A.N. Male



Part Number	Hose Size	A.N. Size	Mount Hole
6453293ERL	-3	-3	1/2"

45°  
(Non-Adjustable)



Part Number	Hose Size	A.N. Size
604693ERL	-3	-3
604694ERL	-4	-4

90°  
(Adjustable)



Part Number	Hose Size	A.N. Size
609293ERL	-3	-3
609294ERL	-4	-4
609296ERL	-6	-6

90° Forged  
(Adjustable)



Part Number	Hose Size	A.N. Size
6090902ERL	-2	-2
6090923ERL	-2	-3
609093ERL	-3	-3
609094ERL	-4	-4
609096ERL	-6	-6

Straight  
(Adjustable)



Part Number	Hose Size	Banjo Bore
600493ERL	-3	3/8 /10mm

20°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
601193ERL	-3	3/8 /10mm

Short Straight  
(Adjustable)



Part Number	Hose Size	Banjo Bore
600393ERL	-3	3/8 /10mm

30°  
(Adjustable)



Part Number	Hose Size	Banjo Bore
600593ERL	-3	3/8 /10mm

Straight  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
600793ERL	-3	3/8 /10mm

30°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
600893ERL	-3	3/8 /10mm

45°  
(Non-Adjustable)



Part Number	Hose Size	Banjo Bore
601693ERL	-3	3/8 /10mm



Power Steering Hoses

Earls Black Power Steering Hose



Part Number	Hose Size	Length
150606ERL	-6	6 ft
151006ERL	-6	10 ft
152006ERL	-6	20 ft

Earls Blue Power Steering Hose



Part Number	Hose Size	Length
130606ERL	-6	6 ft
131006ERL	-6	10 ft
132006ERL	-6	20 ft

Earls Power Steering Hose Information

Triple Steel & Fabric Reinforced	Use With Earls Power Steering Ends
Meets Tough Requirements	2250 PSI Operating Pressure
Suitable for Hydraulics & Air Lines	5000 PSI Max Pressure
Fluid Type	Rating
Power Steering Fluid	★★★★★

A TRIPLE STEEL AND FABRIC braid-reinforced high pressure hose developed specifically to meet the demands of power steering systems, this flexible hose is also suitable for hydraulic and air lines. Available in size - 6 with a fabric outer covering. The pressure rating shown is only valid when Earl's power steering hose is used with Earl's POWER STEERING hose ends. The use of other manufacturer's hose ends is not recommended.

Nickel Plated Steel (Non-Adjustable)

Straight



Part Number	Hose Size	A.N. Size
130106ERL	-6	-6

45°



Part Number	Hose Size	A.N. Size
134606ERL	-6	-6

90°



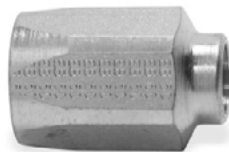
Part Number	Hose Size	A.N. Size
139106ERL	-6	-6

120°



Part Number	Hose Size	A.N. Size
131206ERL	-6	-6

Replacement Socket for Power Steering Hose Ends



Part Number	Hose Size
133666ERL	-6

Black Chromate Plated Steel (Non-Adjustable)

Straight



Part Number	Hose Size	A.N. Size
150106ERL	-6	-6

45°



Part Number	Hose Size	A.N. Size
154606ERL	-6	-6

90°



Part Number	Hose Size	A.N. Size
159106ERL	-6	-6

120°



Part Number	Hose Size	A.N. Size
151206ERL	-6	-6

# Earls Power Steering Stainless Steel (Non-Adjustable)

# XRP Power Steering

Straight



Part Number	Hose Size	A.N. Size
SS130106ERL	-6	-6

90°



Part Number	Hose Size	A.N. Size
SS139106ERL	-6	-6

45°



Part Number	Hose Size	A.N. Size
SS134606ERL	-6	-6

120°



Part Number	Hose Size	A.N. Size
SS131206ERL	-6	-6

## Nickel Plated Steel Adapters

A.N. Male to Metric Thread Male  
w/ Bump-O-Ring Seal



Part Number	A.N. Size	Metric Thread
961955ERL	-6	16mm x 1.50
961956ERL	-6	18mm x 1.50

Inverted Flare Male to A.N.  
Male



Part Number	A.N. Size	Inverted Flare
961946ERL	-6	1/2-20
961947ERL	-6	5/8-18
961950ERL	-6	11/16-18

Inverted Flare Male w/ Long  
Thread to A.N. Male



Part Number	A.N. Size	Inverted Flare
961946LERL	-6	1/2-20
961947LERL	-6	5/8-18
961950LERL	-6	11/16-18

LS Power Steering Pump Adapter to  
A.N. Male

Part Number	A.N. Size
961961ERL	-6



Hoses are available in black and blue, this premium quality power steering hose is made of synthetic rubber tube, polyester inner braid with single wire braid reinforcement and polyester braid cover. Operating temperature inbetween -55°F and +300°F (except air +250°F). Suitable for many applications: air and lubricants, over-the-wall air tools, etc.

These 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.

## Sold by the foot in continous length

XRP Black Power Steering Hose



Part Number	Hose Size	Operating PSI	Burst PSI
519006	-6	2250 PSI	9000 PSI
519008	-8	2000 PSI	8000 PSI
519010	-10	1750 PSI	7000 PSI

XRP Blue Power Steering Hose



Part Number	Hose Size	Operating PSI	Burst PSI
510006	-6	2250 PSI	9000 PSI
510008	-8	2000 PSI	8000 PSI
510010	-10	1750 PSI	7000 PSI

## XRP Power Steering Information

Synthetic Rubber Tube	Power Steering fluid, Air, Lubricant
Polyester inner braid W/ wire braid	Polyester braid cover
-55°F and +300°F (Except air +250°F)	



## Zinc Plated Steel Economy (Non-Adjustable)

**Straight**



Part Number	Hose Size	A.N. Size
500006	-6	-6
500008	-8	-8
500010	-10	-10

**45°**



Part Number	Hose Size	A.N. Size
504506	-6	-6
504508	-8	-8
504510	-10	-10

**90°**



Part Number	Hose Size	A.N. Size
509006	-6	-6
509008	-8	-8
509010	-10	-10

## Nickel Plated Steel SAE Economy (Non-Adjustable)

**Straight**



Part Number	Hose Size	SAE Size
550006	-6	5/8-18

**45°**



Part Number	Hose Size	SAE Size
554506	-6	5/8-18

**90°**



Part Number	Hose Size	SAE Size
559006	-6	5/8-18

## Nickel Plated Steel Adapters

**Inverted Flare Male to A.N. Male**



Part Number	A.N. Size	Inverted Flare
790126	-6	1/2-20
790586	-6	5/8-18
791166	-6	11/16-18

**A.N. Male to Metric Thread Male w/Bump-O-Ring Seal**



Part Number	A.N. Size	Metric Thread
491415	-6	14mm x 1.50
491615	-6	16mm x 1.50
491815	-6	18mm x 1.50

XRP stainless braid-protected synthetic rubber hose is the premium quality racing hose depended on by the top racing teams of every professional sanctioning body in the world. XRP features an inner liner of synthetic rubber. A partial coverage protective sheath of stainless steel braid is embedded in the liner during manufacturing. The reinforced hose liner is then bonded to a full-coverage outer protective sheath of high tensile stainless steel wire braid. Introducing XR-31 from XRP! A perfect mix of Stainless under braid and fabric outer braid and 100% constructed in the USA. (\*NOTE: STAINLESS STEEL UNDERBRAID IS NOT USED IN -20 HOSE\*) XR-31 consists of an inner tube of oil resistant "PKR" synthetic rubber. A partial coverage stainless wire inner braid and an oil, weather, and abrasion resistant, black, entangled filament nylon fiber cover.

## Sold by the foot in continous length

**XR-31 Nylon Braid Hose**



Part Number	Hose Size	Operating PSI	Burst PSI
3104-00	-4	500 PSI	2000 PSI
3106-00	-6	500 PSI	2000 PSI
3108-00	-8	500 PSI	2000 PSI
3110-00	-10	500 PSI	2000 PSI
3112-00	-12	350 PSI	1400 PSI
3116-00	-16	350 PSI	1400 PSI
3120-00	-20	350 PSI	1400 PSI

**XRP Stainless Hose**



Part Number	Hose Size	Operating PSI
300004XRP	-4	1500 PSI
300006XRP	-6	1500 PSI
300008XRP	-8	1500 PSI
300010XRP	-10	1250 PSI
300012XRP	-12	1000 PSI
300016XRP	-16	750 PSI
300020XRP	-20	500 PSI

## XRP Traditional Hose Specs

Temperature Range -40° to 350° F	Stainless or Nylon Outer Layer
Clean and Fast Flowing	Provides Constant Flow
Sold per foot in continous lengths	Synthetic Rubber Inner
Fluid Type	Rating
Automatic Transmission Fluid	★★★★★
Coolant	★★★★★
Diesel	★★
E85	★★
Methanol/Alcohol	★
Oil	★★★★★
Pump Gas	★★
Race Gas	★★★
Vacuum	★

## XRP Traditional Hose Specs

Traditional Hose Part Number	I.D.	O.D.
300004XRP or 3104-00	.22"	.44"
300004XRP or 3104-00	.35"	.55"
300006XRP or 3106-00	.44"	.65"
300008XRP or 3108-00	.57"	.80"
300010XRP or 3110-00	.69"	.94"
300012XRP or 3112-00	.88"	1.16"
300016XRP or 3116-00	1.12"	1.44"

## XRP Traditional Hose Ends

These reusable nipple-and-cutter style hose ends are compatible with our Stainless CPE race hose and XR-31 hose. XR-31 looks especially handsome when paired with black anodized hose end fittings. 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.

### Adjustable Black

Straight



Part Number	Hose Size	A.N. Size
100004BB	-4	-4
100006BB	-6	-6
100008BB	-8	-8
100010BB	-10	-10
100011	-12	-10
100012BB	-12	-12
100013BB	-12	-16
100017BB	-16	-12
100016BB	-16	-16
100020BB	-20	-20

30°



Part Number	Hose Size	A.N. Size
103004BB	-4	-4
203006BB	-6	-6
203086BB	-8	-6
203008BB	-8	-8
203081	-8	-10
203007BB	-10	-8
203010BB	-10	-10
203012BB	-12	-12
203017	-16	-12
203016BB	-16	-16
103020BB	-20	-20

## Adjustable Black

45° Forged



Part Number	Hose Size	A.N. Size
204606BB	-6	-6
204608BB	-8	-8
204610BB	-10	-10
204612BB	-12	-12
204616BB	-16	-16

60°



Part Number	Hose Size	A.N. Size
106004BB	-4	-4
206006BB	-6	-6
206086BB	-8	-6
206008BB	-8	-8
206081	-8	-10
206007BB	-10	-8
206010BB	-10	-10
206011	-12	-10
206012BB	-12	-12
206017	-16	-12
206016BB	-16	-16
106020BB	-20	-20

45°



Part Number	Hose Size	A.N. Size
104504BB	-4	-4
204506BB	-6	-6
204568BB	-6	-8
204586BB	-8	-6
204508BB	-8	-8
204581	-8	-10
204507BB	-10	-8
204510BB	-10	-10
204509BB	-10	-12
204511BB	-12	-10
204512BB	-12	-12
204513	-12	-16
204517BB	-16	-12
204516BB	-16	-16
104520BB	-20	-20

90°



Part Number	Hose Size	A.N. Size
109004BB	-4	-4
209006BB	-6	-6
209068BB	-6	-8
209086BB	-8	-6
209008BB	-8	-8
209081BB	-8	-10
209007BB	-10	-8
209010BB	-10	-10
209009BB	-10	-12
209011BB	-12	-10
209012BB	-12	-12
209013BB	-12	-16
209017BB	-16	-12
209016BB	-16	-16
109020BB	-20	-20

90° Forged



Part Number	Hose Size	A.N. Size
209106BB	-6	-6
209108BB	-8	-8
209110BB	-10	-10
209112BB	-12	-12
209116BB	-16	-16



**Adjustable Black**

**Straight w/ A.N. Male**

**120°**

**150°**



Part Number	Hose Size	A.N. Size
290106	-6	-6
290108	-8	-8
290110	-10	-10
290112	-12	-12

Part Number	Hose Size	A.N. Size
112004BB	-4	-4
212006BB	-6	-6
212068	-6	-8
212086	-8	-6
212008BB	-8	-8
212081	-8	-10
212010BB	-10	-10
212011	-12	-10
212012BB	-12	-12
212013BB	-12	-16
212017	-16	-12
212016BB	-16	-16
112020BB	-20	-20

Part Number	Hose Size	A.N. Size
115004BB	-4	-4
215006BB	-6	-6
215068BB	-6	-8
215086	-8	-6
215008BB	-8	-8
215081	-8	-10
215010BB	-10	-10
215011	-12	-10
215012BB	-12	-12
215013BB	-12	-16
215017	-16	-12
215016BB	-16	-16
115020BB	-20	-20

**180°**



Part Number	Hose Size	A.N. Size
118004BB	-4	-4
218006BB	-6	-6
218086	-8	-6
218008BB	-8	-8
218081	-8	-10
218010BB	-10	-10
218012BB	-12	-12
218512	-12	-12
218017	-16	-12
218016BB	-16	-16
118020BB	-20	-20

**Straight w/ NPT Male**



Part Number	Hose Size	NPT Thread
280162	-6	1/8
280106	-6	1/4
280166	-6	3/8
280107	-8	1/4
280108	-8	3/8
280188	-8	1/2
280111	-10	3/8
280110	-10	1/2
280113	-12	1/2
280112	-12	3/4

**Adjustable Black**

**90° Forged ORB**

**90° Forged NPT**



Part Number	Hose Size	Port Thread
299064	-6	-4 O-ring
299065	-6	-5 O-ring
299006	-6	-6 O-ring
299068	-6	-8 O-ring
299086	-8	-6 O-ring
299008	-8	-8 O-ring
299081	-8	-10 O-ring
299009	-10	-8 O-ring
299010	-10	-10 O-ring
299011	-10	-12 O-ring
299013	-12	-10 O-ring
299012	-12	-12 O-ring

Part Number	Hose Size	NPT Thread
289062	-6	1/8
289006	-6	1/4
289066	-6	3/8
289007	-8	1/4
289008	-8	3/8
289088	-8	1/2
289011	-10	3/8
289010	-10	1/2
289013	-12	1/2
289012	-12	3/4

**Adjustable Red & Blue**

**Straight**

**30°**

**45°**



Part Number	Hose Size	A.N. Size
100004	-4	-4
100006	-6	-6
100008	-8	-8
100010	-10	-10
100011	-12	-10
100012	-12	-12
100016	-16	-16
100020	-20	-20

Part Number	Hose Size	A.N. Size
203006	-6	-6
203008	-8	-8
203081	-8	-10
203010	-10	-10
203012	-12	-12
203016	-16	-16

Part Number	Hose Size	A.N. Size
204506	-6	-6
204508	-8	-8
204581	-8	-10
204510	-10	-10
204512	-12	-12
204513	-12	-16
204516	-16	-16

**Adjustable Red & Blue**

**Adjustable Super Nickel**

**45° Forged**



Part Number	Hose Size	A.N. Size
204606	-6	-6
204608	-8	-8
204610	-10	-10
204612	-12	-10
204616	-16	-16

**60°**



Part Number	Hose Size	A.N. Size
203006	-6	-6
203008	-8	-8
203081	-8	-10
203010	-10	-10
203012	-12	-12
203016	-16	-16

**90°**



Part Number	Hose Size	A.N. Size
209006	-6	-6
209008	-8	-8
209010	-10	-10
209012	-12	-12
209016	-16	-16

**Straight**



Part Number	Hose Size	A.N. Size
100004SN	-4	-4
100006SN	-6	-6
100008SN	-8	-8
100010SN	-10	-10
100012SN	-12	-12
100013SN	-12	-16
100017SN	-16	-12
100016SN	-16	-16
100020SN	-20	-20

**30°**



Part Number	Hose Size	A.N. Size
103004SN	-4	-4
203006SN	-6	-6
203008SN	-8	-8
203010SN	-10	-10
203012SN	-12	-12
203016SN	-16	-16
103020SN	-20	-20

**45°**



Part Number	Hose Size	A.N. Size
104504SN	-4	-4
204506SN	-6	-6
204508SN	-8	-8
204510SN	-10	-10
204512SN	-12	-12
204513SN	-12	-16
204517SN	-16	-12
204516SN	-16	-16
104520SN	-20	-20

**120°**



Part Number	Hose Size	A.N. Size
212006	-6	-6
212068	-6	-8
212086	-8	-6
212008	-8	-8
212081	-8	-10
212010	-10	-10
212011	-12	-10
212012	-12	-12
212017	-16	-12
212016	-16	-16

**150°**



Part Number	Hose Size	A.N. Size
215006	-6	-6
215086	-8	-6
215008	-8	-8
215081	-8	-10
215010	-10	-10
215011	-12	-10
215012	-12	-12
215017	-16	-12
215016	-16	-16

**180°**



Part Number	Hose Size	A.N. Size
218006	-6	-6
218086	-8	-6
218008	-8	-8
218081	-8	-10
218010	-10	-10
218012	-12	-12
218512	-12	-12
218017	-16	-12
218016	-16	-16

**60°**



Part Number	Hose Size	A.N. Size
106004SN	-4	-4
206006SN	-6	-6
206008SN	-8	-8
206010SN	-10	-10
206012SN	-12	-12
206016SN	-16	-16
106020SN	-20	-20

**90°**



Part Number	Hose Size	A.N. Size
109004SN	-4	-4
209006SN	-6	-6
209008SN	-8	-8
209010SN	-10	-10
209012SN	-12	-12
209016SN	-16	-16
109020SN	-20	-20

**120°**



Part Number	Hose Size	A.N. Size
112004SN	-4	-4
212006SN	-6	-6
212008SN	-8	-8
212010SN	-10	-10
212012SN	-12	-12
212016SN	-16	-16
112020SN	-20	-20



# XRP Traditional Hose Ends

48

## Adjustable Super Nickel



Part Number	Hose Size	A.N. Size
115004SN	-4	-4
215006SN	-6	-6
215008SN	-8	-8
215010SN	-10	-10
215012SN	-12	-12
215016SN	-16	-16
115020SN	-20	-20

Part Number	Hose Size	A.N. Size
118004SN	-4	-4
218006SN	-6	-6
218008SN	-8	-8
218010SN	-10	-10
218012SN	-12	-12
218016SN	-16	-16
118020SN	-20	-20

# XRP Push-on Hose

49

XRP Push-On Hose is constructed of Chlorinated Polyethylene elastomer tube, textile braid reinforced with CPE elastomere cover. Maximum Operating pressure is 250 PSI. Applications for this hose are leaded race fuel, lubricating oils, air and water.

XRP Push-On Hose Ends and 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 braid or XR-31 Hose. Use Push-On Hose Ensure Clamps for all high temp & oil line applications.

## Sold by the foot in continous lengths

### Push-on Hose - Black

Part Number	Hose Size	A.N. Size
520004	1/4	-4
520006	3/8	-6
520008	1/2	-8
520010	5/8	-10
520012	3/4	-12



### Push-on Hose - Blue

Part Number	Hose Size	A.N. Size
340004	1/4	-4
340006	3/8	-6
340008	1/2	-8
340010	5/8	-10
340012	3/4	-12



# XRP Push-on Hose Tools

XRP Push-on Ensure Clamps are self-tensioning for severe race and high temp applications. A must for high heat and oil line applications to ensure a secure seal. Use XRP's specially designed pliers.

### Push-on Plier

Part Number
818000



### Push-on Clamps

Part Number	Hose Size
818404	1/4
818406	3/8
818408	1/2
818410	5/8
818412	3/4



## XRP Push-on Hose Information

Burst Pressure is 1000 PSI	MAX Operating pressure is 250 PSI
Temperature -40°F and +300°F	Sold by foot in continous lengths
Fluid Type	Rating
Automatic Transmission Fluid	★★★★★
Coolant	★★★★★
Diesel	★★
E85	★★
Methanol/Alcohol	★★
Oil	★★★★★
Pump Gas	★★
Race Gas	★★★
Vacuum	★

**XRP Push-on Hose Ends**  
**Black**

50

**XRP Push-on Hose Ends**  
**Red & Blue**

51

**Straight**



**30°**



**45°**



**Straight**



**30°**



**45°**



Part Number	Hose Size	A.N. Size
230004BB	1/4	-4
230006BB	3/8	-6
230008BB	1/2	-8
230010BB	5/8	-10
230012BB	3/4	-12

Part Number	Hose Size	A.N. Size
233004BB	1/4	-4
233006BB	3/8	-6
233008BB	1/2	-8
233010BB	5/8	-10
233012BB	3/4	-12

Part Number	Hose Size	A.N. Size
234504BB	1/4	-4
234506BB	3/8	-6
234508BB	1/2	-8
234510BB	5/8	-10
234512BB	3/4	-12

Part Number	Hose Size	A.N. Size
230004	1/4	-4
230006	3/8	-6
230008	1/2	-8
230010	5/8	-10
230012	3/4	-12

Part Number	Hose Size	A.N. Size
233004	1/4	-4
233006	3/8	-6
233008	1/2	-8
233010	5/8	-10
233012	3/4	-12

Part Number	Hose Size	A.N. Size
234504	1/4	-4
234506	3/8	-6
234508	1/2	-8
234510	5/8	-10
234512	3/4	-12

**60°**



**90°**



**120°**



**60°**



**90°**



**120°**



Part Number	Hose Size	A.N. Size
236004BB	1/4	-4
236006BB	3/8	-6
236008BB	1/2	-8
236010BB	5/8	-10
236012BB	3/4	-12

Part Number	Hose Size	A.N. Size
239004BB	1/4	-4
239006BB	3/8	-6
239008BB	1/2	-8
239010BB	5/8	-10
239012BB	3/4	-12

Part Number	Hose Size	A.N. Size
231204BB	1/4	-4
231206BB	3/8	-6
231208BB	1/2	-8
231210BB	5/8	-10
231212BB	3/4	-12

Part Number	Hose Size	A.N. Size
236004	1/4	-4
236006	3/8	-6
236008	1/2	-8
236010	5/8	-10
236012	3/4	-12

Part Number	Hose Size	A.N. Size
239004	1/4	-4
239006	3/8	-6
239008	1/2	-8
239010	5/8	-10
239012	3/4	-12

Part Number	Hose Size	A.N. Size
231204	1/4	-4
231206	3/8	-6
231208	1/2	-8
231210	5/8	-10
231212	3/4	-12

**150°**

Part Number	Hose Size	A.N. Size
231504BB	1/4	-4
231506BB	3/8	-6
231508BB	1/2	-8
231510BB	5/8	-10
231512BB	3/4	-12



Part Number	Hose Size	A.N. Size
231804BB	1/4	-4
231806BB	3/8	-6
231808BB	1/2	-8
231810BB	5/8	-10
231812BB	3/4	-12

**180°**



**150°**

Part Number	Hose Size	A.N. Size
231504	1/4	-4
231506	3/8	-6
231508	1/2	-8
231510	5/8	-10
231512	3/4	-12



**180°**

Part Number	Hose Size	A.N. Size
231804	1/4	-4
231806	3/8	-6
231808	1/2	-8
231810	5/8	-10
231812	3/4	-12





# XRP Push-on Hose Ends Super Nickel

52

# XRP Push-on Hose Ends Brass

53

Straight



30°



45°



Part Number	Hose Size	A.N. Size
230004SN	1/4	-4
230006SN	3/8	-6
230008SN	1/2	-8
230010SN	5/8	-10
230012SN	3/4	-12

Part Number	Hose Size	A.N. Size
233004SN	1/4	-4
233006SN	3/8	-6
233008SN	1/2	-8
233010SN	5/8	-10
233012SN	3/4	-12

Part Number	Hose Size	A.N. Size
234504SN	1/4	-4
234506SN	3/8	-6
234508SN	1/2	-8
234510SN	5/8	-10
234512SN	3/4	-12

Straight A.N.



Straight NPT



Straight A.N. Male



Part Number	Hose Size	A.N. Size
240004	1/4	-4
240006	3/8	-6
240068	3/8	-8
240008	1/2	-8
240081	1/2	-10
240010	5/8	-10
240012	3/4	-12

Part Number	Hose Size	NPT Size
260004	1/4	1/8
260044	1/4	1/4
260006	3/8	1/4
260066	3/8	3/8
260008	1/2	3/8
260088	1/2	1/2
260010	5/8	1/2
260012	3/4	3/4

Part Number	Hose Size	A.N. Size
250004	1/4	-4
250006	3/8	-6
250008	1/2	-8
250010	5/8	-10

60°



90°



120°



Part Number	Hose Size	A.N. Size
236004SN	1/4	-4
236006SN	3/8	-6
236008SN	1/2	-8
236010SN	5/8	-10
236012SN	3/4	-12

Part Number	Hose Size	A.N. Size
239004SN	1/4	-4
239006SN	3/8	-6
239008SN	1/2	-8
239010SN	5/8	-10
239012SN	3/4	-12

Part Number	Hose Size	A.N. Size
231204SN	1/4	-4
231206SN	3/8	-6
231208SN	1/2	-8
231210SN	5/8	-10
231212SN	3/4	-12

Straight SAE Inverted Flare

Part Number	Hose Size	Male Inverted Flare
270004	1/4	7/16-20
270006	3/8	5/8-18
270008	1/2	3/4-18
270010	5/8	7/8-18



Steel

45°



90°



Part Number	Hose Size	A.N. Size
231504SN	1/4	-4
231506SN	3/8	-6
231508SN	1/2	-8
231510SN	5/8	-10
231512SN	3/4	-12



Part Number	Hose Size	A.N. Size
231804SN	1/4	-4
231806SN	3/8	-6
231808SN	1/2	-8
231810SN	5/8	-10
231812SN	3/4	-12

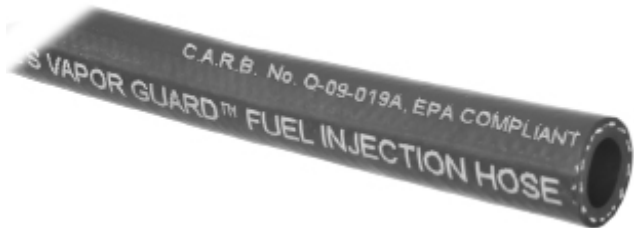
180°



Part Number	Hose Size	A.N. Size
244504	1/4	-4
244506	3/8	-6
244508	1/2	-8
244510	5/8	-10

Part Number	Hose Size	A.N. Size
249004	1/4	-4
249006	3/8	-6
249008	1/2	-8
249010	5/8	-10
249012	3/4	-12

The innermost primary barrier layer offers high resistance to heat and aggressive fuels. The middle Vapor Guard barrier is a thermoplastic layer that provides superior fuel isolation and virtually eliminated vapors escaping through the hose. The exterior cover barrier provides extreme tolerances to heat and ozone giving Vapor Guard a three way shield against hose deterioration. Matching Vapor Guard hose ends feature a special smooth retention bead that retains the hose under pressure while assuring the hose liner is not damaged.



EFI Vapor Guard Hose  
Sold by the foot

Part Number	Hose Size
750066ERL	3/8

Carburetor Vapor Guard Hose  
Pre-cut

Part Number	Hose Size	Length
761055ERL	5/16	10ft
761066ERL	3/8	10ft
762055ERL	5/16	20ft
762066ERL	3/8	20ft

EFI Vapor Guard Hose  
Pre-cut

Part Number	Hose Size	Length
751055ERL	5/16	10ft
751066ERL	3/8	10ft
752055ERL	5/16	20ft
752066ERL	3/8	20ft

Submersible Vapor Guard Hose  
Pre-cut

Part Number	Hose Size	Length
740255ERL	5/16	2ft
740266ERL	3/8	2ft

Earls Vapor Guard Hose Information

Multi-layer rubber hose with a liner	Rated Maximum 225 PSI
Reinforcement braid-aramid material	Use with Vapor Guard or Push-On
Temperature Range -40°F to 275°F	Impervious To Any Fuel Blend
Vapor Guard Barrier	Extreme tolerance of heat and ozone
Fluid Type	Rating
Bio-Fuels	★★★★
Coolant	★★★★★
Diesel	★★★★
E85	★★★
Methanol/Alcohol	★★
Pump Gas	★★★★
Race Gas	★★★★

Straight



Part Number	A.N. Size	Barb Size
750156ERL	-6	5/16
750166ERL	-6	3/8

45°



Part Number	A.N. Size	Barb Size
754156ERL	-6	5/16
754166ERL	-6	3/8

90°



Part Number	A.N. Size	Barb Size
759156ERL	-6	5/16
759166ERL	-6	3/8

Straight Port Thread



Part Number	Port Thread	Barb Size
785056ERL	-6	5/16
785066ERL	-6	3/8

Straight NPT



Part Number	NPT	Barb Size
781652ERL	1/8	5/16
781662ERL	1/8	3/8
781605ERL	1/4	5/16
781606ERL	1/4	3/8
781656ERL	3/8	5/16
781666ERL	3/8	3/8

90° NPT



Part Number	NPT	Barb Size
782252ERL	1/8	5/16
782262ERL	1/8	3/8
782205ERL	1/4	5/16
782206ERL	1/4	3/8
782256ERL	3/8	5/16
782266ERL	3/8	3/8

3-Way Barb Tee



Part Number	Barb Size
782405ERL	5/16
782406ERL	3/8

Straight A.N. Fem.  
Swivel w/ NPT Fem.



Part Number	Barb Size	A.N. Size	NPT
771756ERL	5/16	-6	1/8
771766ERL	3/8	-6	1/8

Hose Clamp Screw Type



Part Number	Hose Size
750005ERL	5/16
750006ERL	3/8



This new and innovative product offers discriminating automotive enthusiasts a superior hose and fitting combination specifically designed for A/C component applications. This attractive hose has a stainless steel outerbraid with a nylon inner tube for superior performance. Custom designed nickel plated steel reusable fittings, with available charge ports, are an eye appealing compliment to complete these field servicable hose assemblies.

Hose Clamp 1 Ear Crimp Type



Part Number	Hose Size
750009ERL	5/16
750010ERL	3/8

Hose Clamp 2 Ear Crimp Type



Part Number	Hose Size
750011ERL	5/16
750012ERL	3/8

Vapor Guard Hose Clamp  
Pliers Crimp Style



Part Number
750000ERL

Stainless Braid A/C Hose



Part Number	Hose Size	Length
FCF0603	-6	3 ft
FCF0803	-8	3 ft
FCF1003	-10	3 ft
FCF0606	-6	6 ft
FCF0806	-8	6 ft
FCF1006	-10	6 ft
FCF0609	-6	9 ft
FCF0809	-8	9 ft
FCF1009	-10	9 ft

Aeroquip Air Conditioning Hose Info

Stainless Steel outer braid	Nylon inner tube
Max Operating Pressure is 500 PSI	Aeroquip Airconditioning Hose Ends

Fuel Filter



Part Number	Barb Size	Micron
731155ERL	5/16	10
731166ERL	3/8	10
730155ERL	5/16	30
730166ERL	3/8	30

Barb Tee w/ NPT  
Fem. Port



Part Number	Barb Size	NPT
782451ERL	5/16	1/8
782461ERL	3/8	1/8

Straight



Part Number	Hose Size	Thread
FCE1712	-6	-6
FCE1713	-8	-8
FCE1714	-10	-10

Nickel Plated Steel

45°



Part Number	Hose Size	Thread
FCE1722	-6	-6
FCE1723	-8	-8
FCE1724	-10	-10

90°



Part Number	Hose Size	Thread
FCE1732	-6	-6
FCE1733	-8	-8
FCE1734	-10	-10

## Nickel Plated Steel

### Straight Reusable w/ Charge Port



Part Number	Hose Size	Thread
FCE1812	-6	-6
FCE1813	-8	-8
FCE1814	-10	-10

### Straight Reusable to PTFE Hose End w/ Charge Port



Part Number	Hose Size	Thread
FCE1912	-6	-6
FCE1913	-8	-8
FCE1914	-10	-10

### 120°



Part Number	Hose Size	Thread
FCE1793	-8	-8
FCE1794	-10	-10

### 90° Reusable w/Charge Port



Part Number	Hose Size	Thread
FCE1832	-6	-6
FCE1833	-8	-8
FCE1834	-10	-10

### 135° Reusable w/ Charge Port



Part Number	Hose Size	Thread
FCE1893	-8	-8
FCE1894	-10	-10

### Brass Olives



Part Number	Hose Size
FCM2430	-6
FCM2431	-8
FCM2432	-10

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

### Fyre Foil II Mylar Sold by the foot

Part Number	I.D.
320503	3/8
320504	1/2
320506	5/8
320508	3/4
320510	7/8
320512	1
320516	1-1/4
320520	1-1/2



### FyreFoil Lite Sleeving Sold by the foot

Part Number	I.D.
320703	3/8
320704	1/2
320706	5/8
320708	3/4
320710	7/8
320712	1
320716	1-1/4
320720	1-1/2



## Earls Flame Guard

Earl's nonasbestos flame guard is a very effecient insulating sleeve for hose assemblies. it is made under a special process from a silicone rubber outer and braided glass inner sleeve bonded to the rubber. Meets AS1072 for aerospace flame protection applications. Operating temperature -65°F to +500°F w/ splashes up to 2000°F.

### Brick Red



### Black



### XRP Fyre Jacket Sold by the foot



Part Number	I.D.
320204	7/16
320206	1/2
320208	5/8
320210	3/4
320212	7/8
320216	1
320220	1-1/4

Fyre Jacket is a smooth silver silicone-coated glass sleeving, engineered to withstand continous temperature up to 500°F. Fyre Jacket can provide short term direct flame protection and is expandable for easy installation over completed hose assemblies. This product to provide a tight fit.

### 3ft Pre-Cut

Part Number	I.D.
730306ERL	0.375" to 0.630"
730308ERL	0.600" to 0.790"
730310ERL	0.750" to 1.125"
730312ERL	1.062" to 1.400"
730314ERL	1.325" to 1.700"
730316ERL	1.500" to 1.750"

### 10ft Pre-Cut

Part Number	I.D.
731006ERL	0.375" to 0.630"
731008ERL	0.600" to 0.790"
731010ERL	0.750" to 1.125"
731012ERL	1.062" to 1.400"
731014ERL	1.325" to 1.700"
731016ERL	1.500" to 1.750"

### 3ft Pre-Cut

Part Number	I.D.
570306ERL	0.375" to 0.630"
570308ERL	0.600" to 0.790"
570310ERL	0.750" to 1.125"
570312ERL	1.062" to 1.400"
570314ERL	1.325" to 1.700"
570316ERL	1.500" to 1.750"

### 10ft Pre-Cut

Part Number	I.D.
571006ERL	0.375" to 0.630"
571008ERL	0.600" to 0.790"
571010ERL	0.750" to 1.125"
571012ERL	1.062" to 1.400"
571014ERL	1.325" to 1.700"
571016ERL	1.500" to 1.750"



## Straight A.N. Male to NPT Male



Black	Blue	Super Nickel	Male A.N.	Male NPT
981603BB	981603XRP	981603SN	-3	1/8
981634BB	981634XRP	981634SN	-3	1/4
981636BB	981636XRP	981636SN	-3	3/8
981604BB	981604XRP	981604SN	-4	1/8
981644BB	981644XRP	981644SN	-4	1/4
981646BB	981646XRP	981646SN	-4	3/8
981662BB	981662XRP	981662SN	-6	1/8
981606BB	981606XRP	981606SN	-6	1/4
981666BB	981666XRP	981666SN	-6	3/8
981668BB	981668XRP	981668SN	-6	1/2
981607BB	981607XRP	981607SN	-8	1/4
981608BB	981608XRP	981608SN	-8	3/8
981688BB	981688XRP	981688SN	-8	1/2
981609BB	981609XRP	981609SN	-8	3/4
	981699XRP		-10	1/4
981611BB	981611XRP	981611SN	-10	3/8
981610BB	981610XRP	981610SN	-10	1/2
981613BB	981613XRP	981613SN	-10	3/4
981614BB	981614XRP	981614SN	-12	1/2
981612BB	981612XRP	981612SN	-12	3/4
981615BB	981615XRP	981615SN	-12	1
981617BB	981617XRP	981617SN	-16	3/4
981616BB	981616XRP	981616SN	-16	1
981621BB	981621XRP	981621SN	-20	1
981620BB		981620SN	-20	1-1/4

## 45° A.N. Male to NPT Male



Black	Blue	Super Nickel	Male A.N.	Male NPT
982303BB	982303XRP	982303SN	-3	1/8
982334BB	982334XRP	982334SN	-3	1/4
982336BB	982336XRP	982336SN	-3	3/8
982304BB	982304XRP	982304SN	-4	1/8
982344BB	982344XRP	982344SN	-4	1/4
982346BB	982346XRP	982346SN	-4	3/8
982362BB	982362XRP	982362SN	-6	1/8
982306BB	982306XRP	982306SN	-6	1/4
982366BB	982366XRP	982366SN	-6	3/8
982368BB	982368XRP	982368SN	-6	1/2
982307BB	982307XRP	982307SN	-8	1/4
982308BB	982308XRP	982308SN	-8	3/8
982388BB	982388XRP	982388SN	-8	1/2
982309BB	982309XRP	982309SN	-8	3/4
982311BB	982311XRP	982311SN	-10	3/8
982310BB	982310XRP	982310SN	-10	1/2
982313BB	982313XRP	982313SN	-10	3/4
982314BB	982314XRP	982314SN	-12	1/2
982312BB	982312XRP	982312SN	-12	3/4
982315BB	982315XRP	982315SN	-12	1
982317BB	982317XRP	982317SN	-16	3/4
982316BB	982316XRP	982316SN	-16	1
982321BB	982321XRP	982321SN	-20	1
	982320XRP		-20	1-1/4

## 45° NPT Male to NPT Male



Black	Blue	Male NPT	Male NPT
991101BB	991101XRP	1/8	1/8
991102BB	991102XRP	1/4	1/4
991103BB	991103XRP	3/8	3/8
991104BB	991104XRP	1/2	1/2
	991106XRP	3/4	3/4
	991107XRP	1	1
	991108XRP	1-1/4	1-1/4

## 90° NPT Male to NPT Male

Black	Male NPT	Male NPT
982296	3/8	3/8
982298	1/2	1/2



## 90° A.N. Male to NPT Male



Black	Blue	Super Nickel	Male A.N.	Male NPT
982203BB	982203XRP	982203SN	-3	1/8
982234BB	982234XRP	982234SN	-3	1/4
982236BB	982236XRP	982236SN	-3	3/8
982204BB	982204XRP	982204SN	-4	1/8
982244BB	982244XRP	982244SN	-4	1/4
982246BB	982246XRP	982246SN	-4	3/8
982262BB	982262XRP	982262SN	-6	1/8
982206BB	982206XRP	982206SN	-6	1/4
982266BB	982266XRP	982266SN	-6	3/8
982268BB	982268XRP	982268SN	-6	1/2
982207BB	982207XRP	982207SN	-8	1/4
982208BB	982208XRP	982208SN	-8	3/8
982288BB	982288XRP	982288SN	-8	1/2
982209BB	982209XRP	982209SN	-8	3/4
982211BB	982211XRP	982211SN	-10	3/8
982210BB	982210XRP	982210SN	-10	1/2
982213BB	982213XRP	982213SN	-10	3/4
982214BB	982214XRP	982214SN	-12	1/2
982212BB	982212XRP	982212SN	-12	3/4
982215BB	982215XRP	982215SN	-12	1
982217BB	982217XRP	982217SN	-16	3/4
982216BB	982216XRP	982216SN	-16	1
982221BB	982221XRP	982221SN	-20	1
982220BB	982220XRP	982220SN	-20	1-1/4

## 45° NPT Fem. to NPT Male



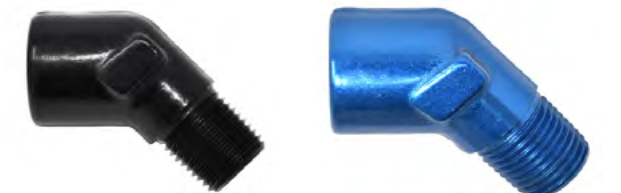
Black	Blue	Female NPT	Male NPT
991401BB	991401XRP	1/8	1/8
991402BB	991402XRP	1/4	1/4
991403BB	991403XRP	3/8	3/8
991404BB	991404XRP	1/2	1/2
991406BB	991406XRP	3/4	3/4

## Straight A.N. Fem. Swivel to NPT Male



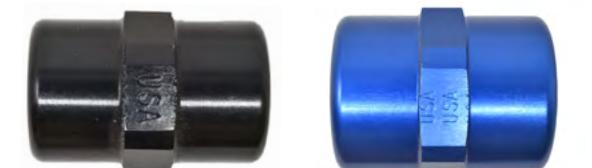
Black	Blue	Female A.N.	Male NPT
900603BB	900603XRP	-3	1/8
900604BB	900604XRP	-4	1/8
	900644XRP	-4	1/4
900662BB	900662XRP	-6	1/8
900606BB	900606XRP	-6	1/4
900666BB	900666XRP	-6	3/8
900667BB	900667XRP	-8	1/4
900608BB	900608XRP	-8	3/8
900688BB	900688XRP	-8	1/2
900611BB	900611XRP	-10	3/8
900610BB	900610XRP	-10	1/2
900612BB	900614XRP	-12	1/2

## 45° NPT Fem. to NPT Male



Black	Blue	Female NPT	Male NPT
991501BB	991501XRP	1/8	1/8
991502BB	991502XRP	1/4	1/4
991503BB	991503XRP	3/8	3/8
991504BB	991504XRP	1/2	1/2
991506BB	991506XRP	3/4	3/4

## Straight NPT Fem. to NPT Fem.



Black	Blue	Female NPT	Female NPT
991001BB	991001XRP	1/8	1/8
991002BB	991002XRP	1/4	1/4
991003BB	991003XRP	3/8	3/8
991004BB	991004XRP	1/2	1/2
	991006XRP	3/4	3/4
	991007XRP	1	1
	991008XRP	1-1/4	1-1/4



## 90° NPT Fem. to NPT Fem.



Black	Blue	Female NPT	Female NPT
991601BB	991601XRP	1/8	1/8
991602BB	991602XRP	1/4	1/4
991603BB	991603XRP	3/8	3/8
991604BB	991604XRP	1/2	1/2

## 90° A.N. Male to NPT Male Swivel Adapter



Black	Male A.N.	Male NPT
900803	-3	1/8
900804	-4	1/8
900844	-4	1/4
900862	-6	1/8
900806	-6	1/4
900866	-6	3/8
900867	-8	1/4
900808	-8	3/8
900888	-8	1/2
900811	-10	3/8
900810	-10	1/2
900814	-12	1/2
900812	-12	3/4

## A.N. Male to A.N. Male w/ NPT Fem. Port Oil Galley Manifold



Black	Male A.N.	Male A.N.	Female NPT
987810	-10	-10	1/8
987812	-12	-12	1/8

## NPT Male to NPT Fem. Reducer Bushing



Black	Blue	Male NPT	Female NPT
991201BB	991201XRP	1/4	1/8
991203BB	991203XRP	3/8	1/8
991202BB	991202XRP	3/8	1/4
991206BB	991206XRP	1/2	1/8
991205BB	991205XRP	1/2	1/4
991204BB	991204XRP	1/2	3/8
991209BB	991209XRP	3/4	1/4
991208BB	991208XRP	3/4	3/8
991207BB	991207XRP	3/4	1/2
991212BB	991212XRP	1	3/8
991211BB	991211XRP	1	1/2
991210BB	991210XRP	1	3/4
	991213XRP	1-1/4	3/4

## 90° A.N. Male to A.N. Male Adapter w/ NPT Fem. Port



Black	Male A.N.	Male A.N.	Female NPT
782106BB	-6	-6	1/8
782108BB	-8	-8	1/8
782110BB	-10	-10	1/8

## Special A.N. Male To NPT Male Extended Oil Inlet Adapter



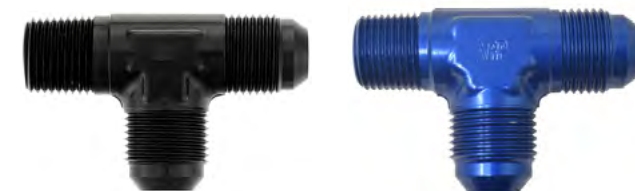
Black	Male A.N.	Male NPT
981687	-8	1/4
981678	-8	3/8
988911	-10	3/8

## A.N. Male Tee w/ NPT Fem. Port



Black	Male A.N.	Male A.N.	Male A.N.	Female NPT
782406BB	-6	-6	-6	1/8
782408BB	-8	-8	-8	1/8
782410BB	-10	-10	-10	1/8

## A.N. Male Tee w/ NPT Male on Run



Black	Blue	Male A.N.	Male A.N.	Male NPT
982603BB	982603XRP	-3	-3	1/8
982604BB	982604XRP	-4	-4	1/8
982606BB	982606XRP	-6	-6	1/4
982608BB	982608XRP	-8	-8	3/8
982610BB	982610XRP	-10	-10	1/2
982612BB	982612XRP	-12	-12	3/4
982616BB	982616XRP	-16	-16	1

## A.N. Male Tee w/ NPT Male on Side



Black	Blue	Male A.N.	Male A.N.	Male NPT
982503BB	982503XRP	-3	-3	1/8
982504BB	982504XRP	-4	-4	1/8
982506BB	982506XRP	-6	-6	1/4
982508BB	982508XRP	-8	-8	3/8
982510BB	982510XRP	-10	-10	1/2
982512BB	982512XRP	-12	-12	3/4
982516BB	982516XRP	-16	-16	1

## NPT Fem. Tee



Black	Blue	Female NPT	Female NPT	Female NPT
991701BB	991701XRP	1/8	1/8	1/8
991702BB	991702XRP	1/4	1/4	1/4
991703BB	991703XRP	3/8	3/8	3/8
991704BB	991704XRP	1/2	1/2	1/2
991706BB	991706XRP	3/4	3/4	3/4
	991707XRP	1	1	1

## A.N. Male to NPT Male Extended Oil Inet Adapter Long



Black	Male A.N.	Male NPT
988810	-10	1/2
988812	-12	1/2

## A.N. Male to NPT Male Extended Oil Inet Adapter Short



Black	Male A.N.	Male NPT
988910	-10	1/2
988912	-12	1/2



## Straight A.N. Male to A.N. Male



Black	Blue	Super Nickel	Male A.N.	Male A.N.
	981502XRP		-2	-2
981503BB	981503XRP	981503SN	-3	-3
981504BB	981504XRP	981504SN	-4	-4
981506BB	981506XRP	981506SN	-6	-6
981508BB	981508XRP	981508SN	-8	-8
981510BB	981510XRP	981510SN	-10	-10
981512BB	981512XRP	981512SN	-12	-12
981516BB	981516XRP	981516SN	-16	-16
981520BB	981520XRP		-20	-20

## A.N. Male to A.N. Male Reducer



Black	Blue	Male A.N.	Male A.N.
991902BB	991902XRP	-4	-3
	991904XRP	-5	-3
991903BB	991903XRP	-5	-4
991905BB	991905XRP	-6	-3
991906BB	991906XRP	-6	-4
991907BB	991907XRP	-6	-5
	991909XRP	-8	-3
991908BB	991908XRP	-8	-4
991911BB	991911XRP	-8	-5
991912BB	991912XRP	-8	-6
	991913XRP	-10	-4
991914BB	991914XRP	-10	-6
991915BB	991915XRP	-10	-8
	991916XRP	-12	-4
991918BB	991918XRP	-12	-6
991919BB	991919XRP	-12	-8
991920BB	991920XRP	-12	-10
	991929XRP	-16	-8
	991922XRP	-16	-10
	991923XRP	-16	-12
	991925XRP	-20	-12
	991926XRP	-20	-16

## 90° A.N. Male to A.N. Male



Black	Blue	Super Nickel	Male A.N.	Male A.N.
982103BB	982103XRP	982103SN	-3	-3
982104BB	982104XRP		-4	-4
982106BB	982106XRP	982106SN	-6	-6
982108BB	982108XRP	982108SN	-8	-8
982110BB	982110XRP		-10	-10
982112BB	982112XRP		-12	-12
982116BB	982116XRP		-16	-16

## Straight A.N. Male to A.N. Male Bulkhead



Black	Blue	Super Nickel	Male A.N.	Male A.N.
983203BB	983203XRP	983203SN	-3	-3
983204BB	983204XRP	983204SN	-4	-4
983206BB	983206XRP	983206SN	-6	-6
983208BB	983208XRP	983208SN	-8	-8
983210BB	983210XRP	983210SN	-10	-10
983212BB	983212XRP	983212SN	-12	-12
983216BB	983216XRP	983216SN	-16	-16
983220BB	983220XRP	983220SN	-20	-20

## 45° A.N. Male to A.N. Male Bulkhead



Black	Blue	Male A.N.	Male A.N.
983703BB	983703XRP	-3	-3
983704BB	983704XRP	-4	-4
983706BB	983706XRP	-6	-6
983708BB	983708XRP	-8	-8
983710BB	983710XRP	-10	-10
983712BB	983712XRP	-12	-12
983716BB	983716XRP	-16	-16
983720BB	983720XRP	-20	-20

## 90° A.N. Male to A.N. Male Bulkhead



Black	Blue	Super Nickel	Male A.N.	Male A.N.
983303BB	983303XRP	983303SN	-3	-3
983304BB	983304XRP	983304SN	-4	-4
983306BB	983306XRP	983306SN	-6	-6
983308BB	983308XRP	983308SN	-8	-8
983310BB	983310XRP	983310SN	-10	-10
983312BB	983312XRP		-12	-12
983316BB	983316XRP		-16	-16
983320BB	983320XRP		-20	-20

## A.N. Male 3-Way Bulkhead Tee



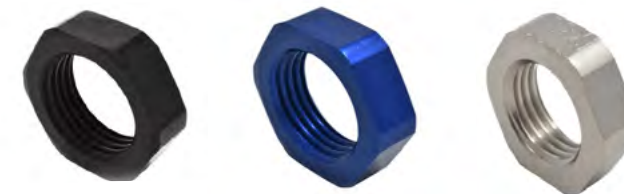
Black	Blue	Super Nickel	Male A.N.	Male A.N.	Male A.N.
983403BB	983403XRP	983403SN	-3	-3	-3
983404BB	983404XRP		-4	-4	-4
983406BB	983406XRP		-6	-6	-6
983408BB	983408XRP		-8	-8	-8
983410BB	983410XRP		-10	-10	-10
	983412XRP		-12	-12	-12
	983416XRP		-16	-16	-16
	983420XRP		-20	-20	-20

## A.N. Male 3-Way Bulkhead Tee on Run



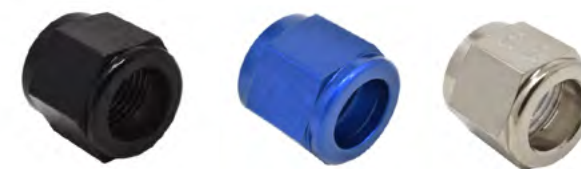
Black	Blue	Super Nickel	Male A.N.	Male A.N.	Male A.N.
980403BB	980403XRP	980403SN	-3	-3	-3
980404BB	980404XRP	980404SN	-4	-4	-4
	980406XRP		-6	-6	-6
980408BB	980408XRP		-8	-8	-8
980410BB	980410XRP		-10	-10	-10
	980412XRP		-12	-12	-12
	980416XRP		-16	-16	-16
	980420XRP		-20	-20	-20

## A.N. Bulkhead Nut



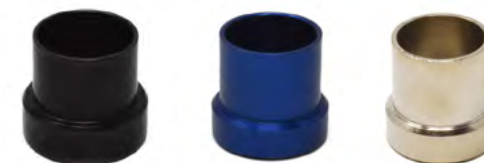
Black	Blue	Super Nickel	A.N. Size
	992402XRP		-2
992403BB	992403XRP	992403SN	-3
992404BB	992404XRP	992404SN	-4
992406BB	992406XRP	992406SN	-6
992408BB	992408XRP	992408SN	-8
992410BB	992410XRP	992410SN	-10
992412BB	992412XRP	992412SN	-12
992416BB	992416XRP	992416SN	-16
992420BB	992420XRP	992420SN	-20

## A.N. Tube Nut



Black	Blue	Super Nickel	Male A.N.	Tube Size
981803BB	981803XRP	981803SN	-3	3/16
981804BB	981804XRP	981804SN	-4	1/4
981805BB	981805XRP		-5	5/16
981806BB	981806XRP	981806SN	-6	3/8
981808BB	981808XRP	981808SN	-8	1/2
981810BB	981810XRP	981810SN	-10	5/8
981812BB	981812XRP	981812SN	-12	3/4
981816BB	981816XRP	981816SN	-16	1
981820BB	981820XRP		-20	1-1/4

## A.N. Tube Sleeves



Black	Blue	Super Nickel	Tube Size
981903BB	981903XRP	981903SN	3/16
981904BB	981904XRP	981904SN	1/4
	981905XRP		5/16
981906BB	981906XRP	981906SN	3/8
981908BB	981908XRP	981908SN	1/2
981910BB	981910XRP	981910SN	5/8
981912BB	981912XRP	981912SN	3/4
981916BB	981916XRP	981916SN	1
981920BB	981920XRP		1-1/4



## A.N. Fem. to A.N. Male Reducer



Black	Blue	Male A.N.	Female A.N.
995006BB	995006	-4	-6
995007BB	995007	-4	-8
995008BB	995008	-6	-8
995010BB	995010	-6	-10
995012BB	995011	-8	-10
995011BB	995012	-8	-12
995013BB	995013	-10	-12
995016BB	995016	-10	-16
995017BB	995017	-12	-16
	995020	-16	-20

## 45° Forged A.N. Fem. Swivel To A.N. Male



Black	Blue	Male A.N.	Female A.N.
	900403XRP	-3	-3
900404BB	900404XRP	-4	-4
900406BB	900406XRP	-6	-6
900408BB	900408XRP	-8	-8
900410BB	900410XRP	-10	-10
	900412XRP	-12	-12
	900416XRP	-16	-16

## 90° Forged A.N. Fem. Swivel to A.N. Male



Black	Blue	Male A.N.	Female A.N.
900503BB	900503XRP	-3	-3
900504BB	900504XRP	-4	-4
900506BB	900506XRP	-6	-6
900508BB	900508XRP	-8	-8
900510BB	900510XRP	-10	-10
900512BB	900512XRP	-12	-12
900516BB	900516XRP	-16	-16
	900520XRP	-20	-20

## A.N. Fem. to A.N. Male Expander



Black	Blue	Male A.N.	Female A.N.
995106BB	995106	-6	-4
995108BB	995108	-8	-6
995110BB	995110	-10	-8
995112BB	995112	-12	-10
995116BB	995116	-16	-12
	995120	-20	-16

## 45° A.N. Fem. to A.N. Male Reducer



Black	Blue	Male A.N.	Female A.N.
	920404	-4	-4
920406BB	920406	-6	-6
920408BB	920408	-8	-8
920410BB	920410	-10	-10
920412BB	920412	-12	-12
920416BB	920416	-16	-16
920420BB	920420	-20	-20

## 90° A.N. Fem. to A.N. Male Reducer



Black	Blue	Male A.N.	Female A.N.
920504BB	920504	-4	-4
920506BB	920506	-6	-6
920508BB	920508	-8	-8
920510BB	920510	-10	-10
920512BB	920512	-12	-12
920516BB	920516	-16	-16
920520BB	920520	-20	-20

## 45° Forged A.N. Fem. Swivel to A.N. Fem. Swivel



Blue	Female A.N.	Female A.N.
924603	-3	-3
924604	-4	-4
924606	-6	-6
924608	-8	-8
924610	-10	-10
924612	-12	-12
924616	-16	-16

## 90° Forged A.N. Fem. Swivel to A.N. Fem. Swivel



Black	Blue	Female A.N.	Female A.N.
	929103	-3	-3
	929104	-4	-4
929106BB	929106	-6	-6
929108BB	929108	-8	-8
929110BB	929110	-10	-10
929112BB	929112	-12	-12
	929116	-16	-16
	929120	-20	-20

## Special A.N. Male 3-Way Tee



Black	Male A.N. - A	Male A.N. - B	Male A.N. - C
824334	-3	-3	-4
824446	-4	-4	-6
824464	-4	-6	-4
824466	-4	-6	-6
824664	-6	-6	-4
824666	-6	-6	-6
824668	-6	-6	-8
824686	-6	-8	-6
824688	-6	-8	-8
824886	-8	-8	-6

## Straight A.N. Fem. Swivel Coupling



Black	Blue	Female A.N.	Female A.N.
900104BB	900104XRP	-4	-4
900106BB	900106XRP	-6	-6
	900184XRP	-8	-4
900186BB	900186XRP	-8	-6
900108BB	900108XRP	-8	-8
900110BB	900110XRP	-10	-10
900112BB	900112XRP	-12	-12
900116BB	900116XRP	-16	-16
900120BB	900120XRP	-20	-20

## 45° A.N. Fem. to A.N. Fem.



Black	Blue	Female A.N.	Female A.N.
924504BB	924504	-4	-4
924506BB	924506	-6	-6
924508BB	924508	-8	-8
924510BB	924510	-10	-10
924512BB	924512	-12	-12
924516BB	924516	-16	-16
	924520	-20	-20

## 90° A.N. Fem. to A.N. Fem.



Black	Blue	Female A.N.	Female A.N.
929004BB	929004	-4	-4
929006BB	929006	-6	-6
929008BB	929008	-8	-8
929010BB	929010	-10	-10
929012BB	929012	-12	-12
929016BB	929016	-16	-16
929020BB	929020	-20	-20



## A.N. Male Tee w/ A.N. Fem. Swivel on Run



Black	Blue	Male A.N.	Male A.N.	Female A.N.
900303BB	900303XRP	-3	-3	-3
900304BB	900304XRP	-4	-4	-4
900306BB	900306XRP	-6	-6	-6
900308BB	900308XRP	-8	-8	-8
900310BB	900310XRP	-10	-10	-10
900312BB	900312XRP	-12	-12	-12
900316BB	900316XRP	-16	-16	-16

## A.N. Male Tee w/ A.N. Fem. Swivel on Side



Black	Blue	Male A.N.	Male A.N.	Female A.N.
900203BB	900203XRP	-3	-3	-3
900204BB	900204XRP	-4	-4	-4
900206BB	900206XRP	-6	-6	-6
900208BB	900208XRP	-8	-8	-8
900210BB	900210XRP	-10	-10	-10
900212BB	900212XRP	-12	-12	-12
900216BB	900216XRP	-16	-16	-16

## A.N. Male 3-Way Tee

Black	Blue	Male A.N.	Male A.N.	Male A.N.
982403BB	982403XRP	-3	-3	-3
982404BB	982404XRP	-4	-4	-4
982406BB	982406XRP	-6	-6	-6
982408BB	982408XRP	-8	-8	-8
982410BB	982410XRP	-10	-10	-10
982412BB	982412XRP	-12	-12	-12
982416BB	982416XRP	-16	-16	-16



## A.N. Male to A.N. Port Thread Male



Black	Male A.N.	Port Thread
980003	-3	-3 O-Ring
980038	-3	-8 O-Ring
980043	-4	-3 O-Ring
980004	-4	-4 O-Ring
980046	-4	-6 O-Ring
980048	-4	-8 O-Ring
980041	-4	-10 O-Ring
980064	-6	-4 O-Ring
980065	-6	-5 O-Ring
980006	-6	-6 O-Ring
980068	-6	-8 O-Ring
980061	-6	-10 O-Ring
980086	-8	-6 O-Ring
980008	-8	-8 O-Ring
980081	-8	-10 O-Ring
980812	-8	-12 O-Ring
980106	-10	-6 O-Ring
980009	-10	-8 O-Ring
980010	-10	-10 O-Ring
980011	-10	-12 O-Ring
980116	-10	-16 O-Ring
980128	-12	-8 O-Ring
980013	-12	-10 O-Ring
980012	-12	-12 O-Ring
980015	-12	-16 O-Ring
980019	-12	-20 O-Ring
980014	-16	-12 O-Ring
980016	-16	-16 O-Ring
980018	-16	-20 O-Ring
980021	-20	-16 O-Ring
980020	-20	-20 O-Ring
980025	-20	-24 O-Ring

## 45° A.N. Male to A.N. Port Thread Male



Black	Male A.N.	Port Thread
984504	-4	-4 O-Ring
984546	-4	-6 O-Ring
984564	-6	-4 O-Ring
984506	-6	-6 O-Ring
984568	-6	-8 O-Ring
984586	-8	-6 O-Ring
984508	-8	-8 O-Ring
984581	-8	-10 O-Ring
984509	-10	-8 O-Ring
984510	-10	-10 O-Ring
984511	-10	-12 O-Ring
984513	-12	-10 O-Ring
984512	-12	-12 O-Ring
984514	-16	-12 O-Ring
984516	-16	-16 O-Ring
984520	-20	-20 O-Ring

## 90° A.N. Male to A.N. Port Thread Male



Black	Male A.N.	Port Thread
989003	-3	-3 O-Ring
989004	-4	-4 O-Ring
989046	-4	-6 O-Ring
989064	-6	-4 O-Ring
989006	-6	-6 O-Ring
989068	-6	-8 O-Ring
989068	-6	-8 O-Ring
989086	-8	-6 O-Ring
989008	-8	-8 O-Ring
989081	-8	-10 O-Ring
989009	-10	-8 O-Ring
989010	-10	-10 O-Ring
989011	-10	-12 O-Ring
989013	-12	-10 O-Ring
989012	-12	-12 O-Ring
989014	-16	-12 O-Ring
989016	-16	-26 O-Ring
989018	-16	-20 O-Ring
989020	-20	-20 O-Ring

## 90° A.N. Male to A.N. Port Thread Male Low Profile



Black	Male A.N.	Port Thread
989104	-4	-4 O-Ring
989106	-6	-6 O-Ring
989108	-8	-8 O-Ring
989110	-10	-10 O-Ring
989112	-12	-12 O-Ring
989116	-16	-16 O-Ring
989120	-20	-20 O-Ring

## 90° Forged A.N. Fem. To A.N. Port Thread Male



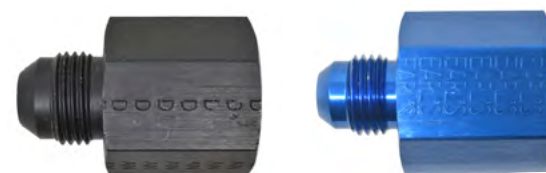
Black	Female A.N.	Port Thread
979006	-6	-6 O-Ring
979008	-8	-8 O-Ring
979010	-10	-10 O-Ring
979012	-12	-12 O-Ring

# Earl's O-Ring & Port Adapters in Aluminum

## A.N. Male to Port Thread Male



## A.N. Male to Port Thread Fem.



Blue	Male A.N.	Port Thread
985004ERL	-4	-4 O-Ring
985046ERL	-4	-6 O-Ring
985064ERL	-6	-4 O-Ring
985065ERL	-6	-5 O-Ring
985006ERL	-6	-6 O-Ring
985068ERL	-6	-8 O-Ring
985061ERL	-6	-10 O-Ring
985612ERL	-6	-12 O-Ring
985086ERL	-8	-6 O-Ring
985008ERL	-8	-8 O-Ring
985081ERL	-8	-10 O-Ring
985812ERL	-8	-12 O-Ring
985009ERL	-10	-8 O-Ring
985010ERL	-10	-10 O-Ring
985011ERL	-10	-12 O-Ring
985128ERL	-12	-8 O-Ring
985013ERL	-12	-10 O-Ring
985012ERL	-12	-12 O-Ring
985014ERL	-12	-16 O-Ring
985015ERL	-16	-12 O-Ring
985016ERL	-16	-16 O-Ring
985021ERL	-20	-16 O-Ring
985020ERL	-20	-20 O-Ring

Black	Blue	Male A.N.	Port Thread
AT989443ERL	989443ERL	-3	-4 O-Ring
AT989464ERL	989464ERL	-4	-6 O-Ring
AT989486ERL	989486ERL	-6	-8 O-Ring
AT989404ERL	989404ERL	-8	-10 O-Ring
AT989409ERL	989409ERL	-8	-12 O-Ring
AT989410ERL	989410ERL	-10	-12 O-Ring
AT989411ERL	989411ERL	-12	-16 O-Ring



A.N. Port Thread Fem. to A.N. Male Reducer



Blue	Male A.N.	Port Thread
989404XRP	-3	-4 O-Ring
989406XRP	-4	-6 O-Ring
989408XRP	-6	-8 O-Ring
989410XRP	-6	-10 O-Ring
989411XRP	-8	-10 O-Ring
989412XRP	-8	-12 O-Ring
989413XRP	-10	-12 O-Ring
989416XRP	-10	-16 O-Ring
989417XRP	-12	-16 O-Ring

Straight A.N. Fem. Swivel to A.N. Port Thread Male



Black	Female A.N.	Port Thread
970006	-6	-6 O-Ring
970068	-6	-8 O-Ring
970007	-8	-6 O-Ring
970008	-8	-8 O-Ring
970081	-8	-10 O-Ring
970009	-10	-8 O-Ring
970010	-10	-10 O-Ring
970011	-10	-12 O-Ring
970013	-12	-10 O-Ring
970012	-12	-12 O-Ring

A.N. Port Thread Male to NPT Male Coupler



Black	Male NPT	Port Thread
990610	3/8	-10 O-Ring
990810	1/2	-10 O-Ring

A.N. Port Thread Male to A.N. Port Thread Male Coupler



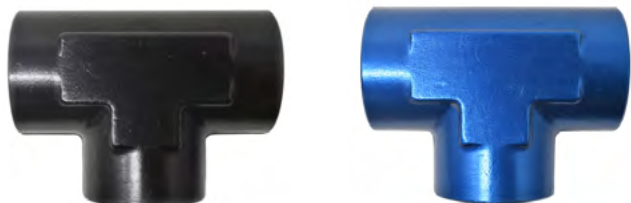
Black	Port Thread	Port Thread
990008	-8 O-ring	-8 O-Ring
990009	-10 O-ring	-8 O-Ring
990010	-10 O-ring	-10 O-Ring
990012	-12 O-ring	-12 O-Ring

A.N. Port Thread Male Plug



Black	Blue	Nickel	Port Thread
981403BB	981403XRP		-3 O-Ring
981404BB	981404XRP		-4 O-Ring
981406BB	981406XRP		-6 O-Ring
981408BB	981408XRP		-8 O-Ring
981410BB	981410XRP	981410SN	-10 O-Ring
981412BB	981412XRP	981412SN	-12 O-Ring
981416BB	981416XRP		-16 O-Ring
981420BB	981420XRP		-20 O-Ring

A.N. Port Thread Fem. Tee



Black	Blue	Port Thread	Port Thread	Port Thread
	993804XRP	-4 O-Ring	-4 O-Ring	-4 O-Ring
993806BB	993806XRP	-6 O-Ring	-6 O-Ring	-6 O-Ring
	993808XRP	-8 O-Ring	-8 O-Ring	-8 O-Ring
993810BB	993810XRP	-10 O-Ring	-10 O-Ring	-10 O-Ring
	993816XRP	-16 O-Ring	-16 O-Ring	-16 O-Ring
	993820XRP	-20 O-Ring	-20 O-Ring	-20 O-Ring

A.N. Port Thread Male Plug w/ Internal Wrenching



Black	Port Thread
IHP002	-2 O-Ring
IHP003	-3 O-Ring
IHP004	-4 O-Ring
IHP006	-6 O-Ring
IHP008	-8 O-Ring
IHP010	-10 O-Ring
IHP012	-12 O-Ring
IHP016	-16 O-Ring

## Nickel Plated Steel Adapters

Earl's Straight Transmission A.N. Male to NPSM Male (2 per/pkg)



Part Number	A.N. Male	NPSM Male
940006ERL	-6	1/4-18

Earl's Straight Transmission A.N. Male to NPSM Male



961980ERL



961982ERL



961983ERL (Long)



961981ERL (Long)

Part Number	A.N. Male	NPSM Male
961980ERL	-6	1/4-18
961982ERL	-6	9/16-18
961981ERL*	-6	1/4-18
961983ERL*	-6	9/16-18

\* = Long

NOTE: Due to these thread options being so close together (.525" for 1/4 NPSM and .562" for the 9/16 -18 ) These are commonly mis-purchased and incorrectly installed causing failure. Please confirm your thread requirement before purchasing

There are always clearance challenges when doing an engineswap. One of these is routing the transmission cooler lines off the side of the transmission while cleaning the trans tunnel.Earl's makes this easier with their line adapters. Integrating into the GM transmission and adapting to ANlines allows additional clearance and freedom that the originalhard lines cannot. Adapters are available for the popular GM Transmissions4L80E (Fits Transmissions w/ 9/16-18 or 1/4-18 Threads Long/Rear). Order Two adapters (one short for the front and one long for the rear to match the threads on your transmission). The thread size varies depending on the application.



## XRP NPT Adapters in Steel Nickel Plated Steel Adapters

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**Straight NPT Male to A.N.  
Male**



Steel	Male A.N.	Male NPT
481602	-2	1/8
481603	-3	1/8
481634	-3	1/4
481604	-4	1/8
481644	-4	1/4
481646	-4	3/8
481662	-6	1/8
481606	-6	1/4
481666	-6	3/8
481668	-6	1/2
481607	-8	1/4
481608	-8	3/8
481688	-8	1/2
481609	-8	3/4
481699	-10	1/4
481611	-10	3/8
481610	-10	1/2
481613	-10	3/4
481622	-12	3/8
481612	-12	3/4
481614	-12	1/2
481615	-12	1
481617	-16	3/4
481616	-16	1
481621	-20	1

**45° NPT Male to A.N.  
Male**



Steel	Male A.N.	Male NPT
482303	-3	1/8
482304	-4	1/8
482362	-6	1/8
482306	-6	1/4
482366	-6	3/8
482368	-6	1/2
482307	-8	1/4
482308	-8	3/8
482388	-8	1/2
482309	-8	3/4
482311	-10	3/8
482313	-10	3/4
482314	-12	1/2
482312	-12	3/4
482315	-12	1
482317	-16	3/4
482316	-16	1
482320	-20	1-1/4

**90° NPT Male to A.N.  
Male**



Steel	Male A.N.	Male NPT
482202	-2	1/8
482203	-3	1/8
482204	-4	1/8
482244	-4	1/4
482262	-6	1/8
482206	-6	1/4
482266	-6	3/8
482268	-6	1/2
482207	-8	1/4
482208	-8	3/8
482288	-8	1/2
482209	-8	3/4
482211	-10	3/8
482210	-10	1/2
482213	-10	3/4
482214	-12	1/2
482212	-12	3/4
482215	-12	1
482217	-16	3/4
482216	-16	1

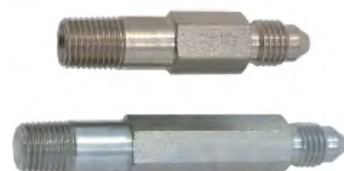
**90° A.N. Male to NPT Male  
Extended**



**X-Long Long**

	Steel	Male A.N.	Male NPT
LONG	482273	-3	1/8
X-LONG	482283	-3	1/8
LONG	482274	-4	1/8
X-LONG	482284	-4	1/8

**A.N. Male to NPT Male  
Extended**



	Steel	Male A.N.	Male NPT
LONG	481673	-3	1/8
X-LONG	481683	-3	1/8
LONG	481674	-4	1/8
X-LONG	481684	-4	1/8

## XRP NPT Adapters in Steel Nickel Plated Steel Adapters

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**Special A.N. Male to NPT  
Male Extended**



Steel	Male A.N.	Male NPT
488911	-10	3/8
488910	-10	1/4
488913	-12	3/8
488912	-12	1/2

**Straight A.N. Fem.  
Swivel to NPT Male**



Steel	Female A.N.	Male NPT
900631	-3	1/8
900641	-4	1/8

**45° Adjustable A.N. Male  
to NPT Male Adapter**



Steel	Male A.N.	Male NPT
910831	-3	1/8
910841	-4	1/8

**45° A.N. Fem. Swivel to  
NPT Male**



Steel	Female A.N.	Male NPT
910731	-3	1/8
910741	-4	1/8

**90° Adjustable A.N. Male  
to NPT Male Adapter**



Steel	Male A.N.	Male NPT
900831	-3	1/8
900841	-4	1/8

**90° A.N. Fem. Swivel to  
NPT Male**



Steel	Female A.N.	Male NPT
900731	-3	1/8
900741	-4	1/8

## XRP A.N. Adapters in Steel Nickel Plated Steel Adapters

**A.N. Fem. to A.N. Male  
Reducer / Expander**



Steel	Male A.N.	Female A.N.
995004	-3	-4
995104	-4	-3

**A.N. Fem. to A.N. Fem.**



Steel	Female A.N.	Female A.N.
900133	-3	-3
900144	-4	-4

**45° Forged A.N. Fem.  
Swivel to A.N. Male**



Steel	Male A.N.	Female A.N.
900433	-3	-3
900444	-4	-4



# XRP A.N. Adapters in Steel

## Nickel Plated Steel Adapters

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A.N. Male to A.N. Male



Small Hex      Large Hex

Steel	Male A.N.	Male A.N.
481573*	-3	-3
481503	-3	-3
481574*	-4	-4
481504	-4	-4
481506	-6	-6
481508	-8	-8
481510	-10	-10
481512	-12	-12
481516	-16	-16
481520	-20	-20

\* = Small Hex

Straight A.N. Male to A.N. Male Bulkhead



Steel	Male A.N.	Male A.N.
483203	-3	-3
483204	-4	-4
483206	-6	-6
483208	-8	-8
483210	-10	-10
483212	-12	-12
483220	-20	-20

90° Forged A.N. Fem. Swivel to A.N. Male



Steel	Male A.N.	Female A.N.
900533	-3	-3
900544	-4	-4

45° A.N. Fem. to A.N. Fem.



Steel	Female A.N.	Female A.N.
924544	-4	-4

45° A.N. Male to A.N. Male Bulkhead



Steel	Male A.N.	Male A.N.
483703	-3	-3
483704	-4	-4
483706	-6	-6
483710	-10	-10

90° Forged A.N. Fem. to A.N. Fem.



Steel	Female A.N.	Female A.N.
929133	-3	-3
929144	-4	-4

90° A.N. Fem. to A.N. Fem.



Steel	Female A.N.	Female A.N.
929044	-4	-4

90° A.N. Male to A.N. Male Bulkhead



Steel	Male A.N.	Male A.N.
483303	-3	-3
483304	-4	-4
483306	-6	-6
483308	-8	-8

# XRP A.N. Adapters in Steel

## Nickel Plated Steel Adapters

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A.N. Male 3-Way Bulkhead Tee



Steel	Male A.N.	Male A.N.	Male A.N.
483403	-3	-3	-3
483404	-4	-4	-4
483406	-6	-6	-6

A.N. Male 3-Way Bulkhead Tee On Run



Steel	Male A.N.	Male A.N.	Male A.N.
480403	-3	-3	-3
480404	-4	-4	-4

A.N. Bulkhead Nut



Steel	A.N. Size
492403	-3
492404	-4
492406	-6
492408	-8
492410	-10
492412	-12
492416	-16
492420	-20

A.N. Male Tee



A.N. Tube Nut



Steel	Male A.N.	Male A.N.	Male A.N.
482403	-3	-3	-3
482404	-4	-4	-4

A.N. Male Tee w/ A.N. Fem. Swivel on Side



Steel	Male A.N.	Male A.N.	Female A.N.
900233	-3	-3	-3
900244	-4	-4	-4
900266	-6	-6	-6

A.N. Male Tee w/ A.N. Fem. Swivel on Run



Steel	Male A.N.	Male A.N.	Female A.N.
900333	-3	-3	-3
900344	-4	-4	-4

Tube Sleeve



Steel	Tube Size
481903	3/16
481904	1/4
481906	3/8
481908	1/2



## XRP Brake Adapters

### Nickel Plated Steel Adapters

**A.N. Male to Bubble Flare Fem.**



Steel	Male A.N.	Bubble Flare
402513*	-3	3/8-24
402613	-3	3/8-24
410003XRP	-3	10mm x 1.00
432513	-3	10mm x 1.25
402614	-4	3/8-24
410004XRP	-4	10mm x 1.00
432514	-4	10mm x 1.25

\* = Short

**A.N. Male to Inverted Flare Male**



Steel	Male A.N.	Inverted Flare
490803	-3	1/2-20
490903	-3	9/16-20
490933	-3	9/16-18

**A.N. Male to Inverted Flare Male**



Steel	Male A.N.	Inverted Flare
402703	-3	3/8-24
402713*	-3	3/8-24
402903	-3	7/16-24
402803	-3	7/16-20
420103	-3	10mm x 1.00
422503	-3	10mm x 1.25
402704	-4	3/8-24
402714*	-4	3/8-24
402904	-4	7/16-20
402804	-4	7/16-24
420104	-4	10mm x 1.00
422504	-4	10mm x 1.25

\* = Small Hex Short

**A.N. Male to Inverted Flare Fem.**



Steel	Male A.N.	Inverted Flare
402403	-3	7/16-24
402503*	-3	3/8-24
402603	-3	3/8-24
410103	-3	10mm x 1.00
402404	-4	7/16-24
402504*	-4	3/8-24
402604	-4	3/8-24
410104	-4	10mm x 1.00

\* = Short

**A.N. Male to Port Thread Male Crush Washer Seal**



Steel	Male A.N.	Metric Thread
402733	-3	3/8-24
402933	-3	7/16-20
402833	-3	7/16-24
420133	-3	10mm x 1.00
422533	-3	10mm x 1.25
425033	-3	10mm x 1.50
402734	-4	3/8-24
402934	-4	7/16-20
402834	-4	7/16-24
420134	-4	10mm x 1.00
422534	-4	10mm x 1.25
425034	-4	10mm x 1.50

**A.N. Male to Metric Thread Male**



Steel	Male A.N.	Metric Thread
420003XRP	-3	10mm x 1.00
412503	-3	10mm x 1.25
420004XRP	-4	10mm x 1.00
412504	-4	10mm x 1.25

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## Earl's Brake Adapters

### Nickel Plated Steel Adapters

**A.N. Male to Inverted Flare Male**



Steel	Male A.N.	Inverted Flare
581531ERL*	-3	3/8-24
581533ERL	-3	3/8-24
591932ERL*	-3	7/16-24
562046ERL	-3	1/2-20
562048ERL	-3	9/16-18
591972ERL*	-4	3/8-24
591982ERL	-4	3/8-24
591941ERL*	-4	7/16-20
591942ERL*	-4	7/16-24
562047ERL	-4	1/2-20
562049ERL	-4	9/16-18

\* = Short

**Inverted Flare Male to Inverted Flare Fem. Reducer**



Stainless	Male Inverted Flare	Female Inverted Flare
00111ERL	9/16-18	3/8-24
00112ERL	1/2-20	9/16-18
00113ERL	9/16-18	1/2-20
00114ERL	7/16-24	3/8-24
00115ERL	1/2-20	3/8-24
00116ERL	9/16-18	7/16-24
00118ERL	1/2-20	7/16-24
00120ERL	5/8-18	1/2-20

**NPT Male to Inverted Flare Fem.**



Stainless	Male NPT	Inverted Flare
02032ERL	1/8	3/8-24
02042ERL	1/8	7/16-24
02052ERL	1/8	1/2-20
02102ERL	1/8	10mm x 1.00
02054ERL	1/4	1/2-20
02074ERL	1/4	5/8-18
02076ERL	3/8	5/8-18

**A.N. Male to Inverted Flare Fem.**



Steel	Male A.N.	Inverted Flare
989543ERL	-3	3/8-24
989549ERL	-3	7/16-24
HONDA 989537ERL	-3	10mm x 1.00
TOYOTA 989538ERL	-3	10mm x 1.00
989545ERL	-3	10mm x 1.00
989532ERL	-4	3/8-24
989548ERL	-4	7/16-24
989544ERL	-4	10mm x 1.00
989547ERL	-4	10mm x 1.25

## Stainless Steel Adapters

**Inverted Flare Male Tube Nut for Hard Line**



Stainless	Tube Size	Inverted Flare
00033ERL	3/16	3/8-24
00043ERL	3/16	7/16-24
00063ERL	3/16	9/16-18
00053ERL	3/16	1/2-20
00103ERL	3/16	10mm x 1.00
00054ERL	1/4	1/2-20
00044ERL	1/4	7/16-24
00064ERL	1/4	9/16-18
00055ERL	5/16	1/2-20
00076ERL	3/8	5/8-18

**90° NPT Male to Inverted Flare Fem.**



Stainless	Male NPT	Inverted Flare
03032ERL	1/8	3/8-24
03042ERL	1/8	7/16-24

**A.N. Male to Bubble Flare Fem.**



Stainless	Male A.N.	Inverted Flare
989531ERL	-3	3/8-24
989534ERL	-3	10mm x 1.00
989535ERL	-3	10mm x 1.25
989541ERL	-4	3/8-24
989542ERL	-4	10mm x 1.00
989546ERL	-4	10mm x 1.25

**90° NPT Male to Bubble Flare (Concave) Female**



Stainless	Male NPT	Bubble Flare
03122ERL	1/8	10mm x 1.00

**Bubble Flare (Concave) Male Tube Nut for Hard Line**



Stainless	Tube Size	Bubble Flare
00143ERL	3/16	10mm x 1.00

**NPT Male Expander to Bubble Flare (Concave) Fem.**



Stainless	Male NPT	Bubble Flare
02112ERL	1/8	10mm x 1.00

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# Earl's Brake Adapters

## Stainless Steel Adapters

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Inverted Flare Male to Bubble Flare  
(Concave) Fem. Hard Line Expanders



Stainless	Male Inverted Flare	Female Bubble Flare
00123ERL	3/8-24	10mm x 1.00
00124ERL	10mm x 1.00	12mm x 1.00

Inverted Flare Male to  
Inverted Flare Fem. Expanders



Stainless	Male Inverted Flare	Female Inverted Flare
00117ERL	3/8-24	7/16-24
00119ERL	7/16-24	1/2-20
00121ERL	1/2-20	5/8-18
00122ERL	3/8-24	10mm x 1.00



# Earl's Brass Tees

Brake Tee w/ Inverted Flare Fem.  
Ports, NPT Fem. Port w/ Mounting  
Hole



Brass	Female Inverted Flare (3)	Female NPT	Mounting Hole
972052BERL	3/8-24	1/8	7/16

NPT Male Expander to  
Inverted Flare Fem.



Brass	Female Inverted Flare (2)	Mounting Nut
972053ERL	3/8-24	5/8-18

Brake Tee w/ Inverted Flare Fem. Ports w/  
Mounting Hole (3/4" thick)



Brass	Female Inverted Flare (2)	Female Inverted Flare	Mounting Hole
972051ERL	3/8-24	7/16-24	7/16

Brake Tee w/ Inverted Flare Fem. Ports w/  
Mounting Hole (9/16" thick)



Brass	Female Inverted Flare (2)	Female Inverted Flare	Mounting Hole
972055ERL	3/8-24	7/16-24	7/16

Brake Tee w/ Inverted Flare Metric  
Fem. on all ports w/ Mounting Hole



Brass	Female Metric Thread (3)	Mounting Hole
972061ERL	3/8-24	7/16

Brake Tee w/ A.N. Male on Branch & Inverted  
Flare Fem. on Run



Brass	Female Inverted Flare	Female Inverted Flare	A.N. Male
972051BERL	3/8-24	7/16-24	-3



# Earl's Brass Tees

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Brake Tee w/ A.N. Male on  
Branch & Inverted Flare  
Fem. on Both Runs



Brass	Female Inverted Flare (2)	A.N. Male
972054BERL	3/8-24	-3

Brake Tee w/ Inverted Flare Fem. on Branch & One Run,  
A.N. Male on Other Run



Brass	Female Inverted Flare	Female Inverted Flare	A.N. Male
972051AERL	3/8-24	7/16-24	-3

Brake Tee w/ 3/8-24 Inverted Flare Fem. on all  
Ports w/ Mounting Hole (9/16" thick)



Brass	Female Inverted Flare(3)	Mounting Nut
972054ERL	3/8-24	7/16

Brake Tee w/ 3/8-24 Inverted Flare Fem.  
on all Ports w/ Mounting Hole (3/4" thick)



Brass	Female Inverted Flare (3)	Mounting Nut
972052ERL	3/8-24	7/16

Brake Tee w/ Inverted Flare Fem.  
on Branch and Run, & A.N. Male on  
other Run



Brass	Female Inverted Flare (2)	A.N. Male
972054AERL	3/8-24	-3

Brake Tee w/ A.N. Male on Branch,  
Inverted Flare Fem. on Run, &  
Mounting Nut on Run



In Brass	Female Inverted Flare	Male A.N.	Mounting Nut
972053BERL	3/8-24	-3	5/8-18

Brake Tee w/ Inverted Flare Fem. on Branch &  
Run, A.N. Male on other Run w/ Mounting Nut



Brass	Female inverted Flare (2)	Male A.N.	Mounting Nut
972053AERL	3/8-24	-3	5/8-18

Brake Tee w/ GM Inverted Flare Fem. on Sides,  
Straight Port Thread Fem. on Branch, w/ Mounting  
Hole



Brass	Female Inverted Flare (2)	Female Port Thread	Mounting Hole
972050ERL	3/8-24	-3 O-ring	1/4"

Pressure Activated Brake Light Switch Kit



Brass	Female Inverted Flare (3)	Female NPT	Mounting Holes	Includes
PK0017ERL	3/8-24	1/8"	1/4"	Switch and Inverted Flare Plug



## XRP Banjos

### Steel

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**Straight A.N. Male Banjo Short Neck**



Steel	Male A.N.	Banjo Bore
403803	-3	3/8 / 10mm
403843	-3	7/16
403812	-3	12mm
403804	-4	3/8 / 10mm
403844	-4	7/16

**20° A.N. Male Banjo**



Steel	Male A.N.	Banjo Bore
441233	-3	3/8 / 10mm
441244	-4	3/8 / 10mm

**Straight A.N. Male Banjo Extended Neck**



Steel	Male A.N.	Banjo Bore
441133	-3	3/8 / 10mm
441144	-4	3/8 / 10mm

**40° A.N. Male Banjo**



Steel	Male A.N.	Banjo Bore
441333	-3	3/8 / 10mm
441344	-4	3/8 / 10mm

**20° Side Bend A.N. Male Banjo**



Steel	Male A.N.	Banjo Bore
441433	-3	3/8 / 10mm
441444	-4	3/8 / 10mm

**A.N. Male to A.N. Male Double Take Off Banjo**



Steel	Male A.N.	Male A.N.	Banjo Bore
441513	-3	-3	3/8 / 10mm

## GOODRIDGE

## Goodridge Banjo Bolts

**SAE Male Banjo Bolts Stainless**



Stainless	Thread	Bolt Length
775-02C	5/16-24	20mm
775-03C	3/8-24	20mm
775-03LC	3/8-24	25mm
775-04C	7/16-20	20mm
775-04LC	7/16-20	25mm
775-44C	7/16-24	20mm

**Metric Thread Male Double Banjo Bolt Stainless**



Stainless	Metric Thread	Bolt Length
993-03-31C	10mm x 1.00	30mm
993-03-31LC	10mm x 1.00	40mm
993-04-32C	10mm x 1.25	16mm
993-03-32C	10mm x 1.25	30mm
993-03-32LC	10mm x 1.25	40mm

**Metric Thread Male Single Banjo Bolt Steel**



Steel	Metric Thread	Bolt Length
992-04-M121SZ1	12mm x 1.00	18mm
992-04-M121Z1	12mm x 1.00	20mm
992-04-M122Z1	12mm x 1.25	25mm

**Metric Thread Male Double Banjo Bolt w/ Bleed Nipple Stainless**



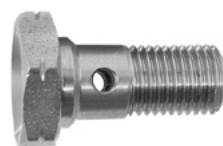
Stainless	Metric Thread
993-32BNC	10mm x 1.25

**Metric Thread Male Single Banjo Bolt w/ Bleed Nipple Stainless**



Stainless	Metric Thread
992-31BNC	10mm x 1.00

**Metric Thread Male Single Banjo Bolt Stainless**



Stainless	Metric Thread	Bolt Length
992-02-21C	8mm x 1.00	20mm
992-02-22C	8mm x 1.25	20mm
992-03-21C	8mm x 1.00	20mm
992-03-22C	8mm x 1.25	20mm
992-03-31SC	10mm x 1.00	18mm
992-03-31C	10mm x 1.00	20mm
992-03-31L	10mm x 1.00	25mm
992-03-32C	10mm x 1.25	20mm
992-03-32LC	10mm x 1.25	25mm
992-04-M12C	12mm x 1.50	20mm
992-04-M12L	12mm x 1.50	30mm

**Double Banjo Bolt - Stainless**



Stainless	Thread	Bolt Length
773-03C	3/8-24	30mm
773-03LC	3/8-24	40mm
773-04C	7/16-20	30mm
773-04LC	7/16-20	40mm

TECHLINE: 310-542-6435

## GOODRIDGE

**Metric Thread Male Double Brake Light Banjo Bolt**



Stainless	Metric Thread	Bolt Length
BL993-31C	10mm x 1.25	30mm

## XRP

THE XTREME IN RACECAR PLUMBING

**Single Banjo Bolt - Short**



Steel	Banjo Bolt Thread	Banjo Height
494303	3/8	0.320
494403	10mm x 1.00	0.320
494503	10mm x 1.25	0.320
494603	10mm x 1.50	0.320
494804	12mm x 1.00	0.320
494815	12mm x 1.50	0.320

**Metric Thread Male Double Banjo Bolt w/ Bleed Nipple**



Steel	Male Metric Thread
491393	10mm x 1.00
491403	10mm x 1.25

## Goodridge Banjo Bolts

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**Single Brake Light Banjo Bolt**



Stainless	Thread	Bolt Length
BL775-03C	3/8-24	20mm

**Metric Thread Male Single Brake Light Banjo Bolt**



Stainless	Metric Thread	Bolt Length
BL992-31C	10mm x 1.00	20mm
BL992-32C	10mm x 1.25	20mm

## XRP Banjo Bolts

### Steel

**Single Banjo Bolt - Long**



Steel	Banjo Bolt Thread	Banjo Height
494313	3/8	0.425
494413	10mm x 1.00	0.425
494703	10mm x 1.50	0.425
494704	7/16-20	0.425

**Double Banjo Bolt w/ Bleed Nipple**



Steel	Banjo Bolt Thread
491383	3/8-24

**Double Banjo Bolt**



Steel	Banjo Bolt Thread	Banjo Height
494903	3/8-24	0.320
495003	10mm x 1.00	0.320

**Single Banjo Bolt w/ Bleed Nipple**



Steel	Banjo Bolt Thread
491353	3/8-24

**Bulkhead C-Clip**



Aluminum
402801





# Earl's Banjo Bolts & Banjos

Replacement Banjo Bolt



Black	Stainless	Bolt Thread
	SS997591ERL	12mm x 1.25
	SS997592ERL	12mm x 1.50
	SS997594ERL	9/16-24
997596ERL		9/16-18

Single Banjo Bolt - Long



	Steel	Thread	Banjo Height
Inverted Flare	977503ERL	3/8-24	0.425
	977516ERL	3/8-24	0.425
	977504ERL	7/16-20	0.425
	977522ERL	7/16-24	0.425
	977517ERL	10mm x 1.00	0.425
	977515ERL	10mm x 1.25	0.425

Double Banjo Bolt - Steel



Steel	Thread	Banjo Height
977513ERL	3/8-24	0.425
977514ERL	7/16-20	0.425
977519ERL	10mm x 1.00	0.425
977518ERL	10mm x 1.25	0.425

A.N. Male Banjo



Steel	Male A.N.	Banjo Bore
997603ERL	-3	3/8
997634ERL	-3	7/16
997631ERL	-3	10mm
997635ERL	-3	12mm
997643ERL	-4	3/8
997604ERL	-4	7/16
997641ERL	-4	10mm
997645ERL	-4	12mm

A.N. Male Banjo Adapter Long



Steel	Male A.N.	Banjo Bore	Angle
9978031ERL	-3	3/8-10mm	0°
9978032ERL	-3	3/8-10mm	7°
9978033ERL	-3	3/8-10mm	15°
9978034ERL	-3	3/8-10mm	30°
9978035ERL	-4	3/8-10mm	40°

25° A.N. Male Side Bend Banjo Long



Steel	Male A.N.	Banjo Bore
9978036ERL	-3	3/8 / 10mm

## Stainless Steel

Straight A.N. Male Banjo Long



Stainless	Male A.N.	Banjo Bore
SS9976003ERL	-3	3/8 / 10mm

45° A.N. Male Banjo Long



Stainless	Male A.N.	Banjo Bore
SS9976043ERL	-3	3/8 / 10mm

A.N. Male Square Banjo

Steel	Male A.N.	Banjo Bore	Description
9977031ERL	-3	3/8 / 10mm	10° Center Bore A.N. Banjo
9977032ERL	-3	7/16	10° Center Bore A.N. Banjo
9977033ERL	-3	3/8 / 10mm	10° Offset Bore A.N. Banjo
9977034ERL	-3	7/16	10° Offset Bore A.N. Banjo
9976031ERL	-3	3/8 / 10mm	Center Bore A.N. Banjo
9976032ERL	-3	7/16	Center Bore A.N. Banjo
9976033ERL	-3	3/8 / 10mm	Offset Bore A.N. Banjo
9976034ERL	-3	7/16	Offset Bore A.N. Banjo



# XRP Compression Adapters

A.N. Male Compression Adapter



Black	Male A.N.	Tube Size
992005	-6	5/16
992006	-6	3/8
992086	-8	3/8
992008	-8	1/2
992010	-10	5/8
992012	-12	3/4

A.N. Fem. Compression Adapter



Black	Female A.N.	Tube Size
992105	-6	5/16
992106	-6	3/8
992186	-8	3/8
992108	-8	1/2
992110	-10	5/8
992112	-12	3/4

Replacement Sleeves for Compression Adapters



Brass	Tube Size
600605XRP	5/16
600606XRP	3/8
600608XRP	1/2
600610XRP	5/8
600612XRP	3/4



# Earl's Compression Adapters

A.N. Male Compression Adapter



Black	Male A.N.	Tube Size
AT165064ERL	-6	1/4
AT165056ERL	-6	5/16
AT165006ERL	-6	3/8
AT165086ERL	-8	3/8
AT165008ERL	-8	1/2
AT165010ERL	-10	5/8

A.N. Fem. Compression Adapter



Black	Female A.N.	Tube Size
AT165156ERL	-6	5/16
AT165106ERL	-6	3/8
AT165108ERL	-8	1/2
AT165110ERL	-10	5/8

Replacement Sleeves for Compression Adapters



Brass	Tube Size
165040ERL	1/4
165050ERL	5/16
165060ERL	3/8
165080ERL	1/2
165100ERL	5/8



# XRP Metric Adapters

Metric Thread Male to A.N. Male w/ Crush Washer



Black	Male A.N.	Metric Thread
870804	-4	8mm x 1.00
871014	-4	10mm x 1.25
871004	-4	10mm x 1.50
871204	-4	12mm x 1.50
871404	-4	14mm x 1.50
871016	-6	10mm x 1.25
871006	-6	10mm x 1.50
871206	-6	12mm x 1.50
871406	-6	14mm x 1.50
871606	-6	16mm x 1.50
871208	-8	12mm x 1.50
871408	-8	14mm x 1.50
871608	-8	16mm x 1.50

871808	-8	18mm x 1.50
871410	-10	14mm x 1.50
871610	-10	16mm x 1.50
871810	-10	18mm x 1.50
872010	-10	20mm x 1.50
871412	-12	14mm x 1.50
871612	-12	16mm x 1.50
871812	-12	18mm x 1.50
872012	-12	20mm x 1.50
873012	-12	30mm x 1.50
871616	-16	16mm x 1.50
871816	-16	18mm x 1.50
872016	-16	20mm x 1.50
873016	-16	30mm x 1.50

A.N. Male to Metric Thread Male w/ O-Ring Seal



Blue	Male A.N.	Metric Thread
791415	-6	14mm x 1.50
791615	-6	16mm x 1.50
791815	-6	18mm x 1.50





A.N. Male to Metric Thread Fem. Swivel Adapter




Blue	Male A.N.	Female Metric Thread
730-12DFEM	-12	30mm
730-16DFEM	-16	30mm




Earl's Metric & BSP Adapters

Metric Thread Male to NPT Thread Fem.



Black	Blue	Female NPT	Male Metric Thread
AT9919AUJERL	9919AUJERL	1/8	16mm x 1.50

Straight NPT Male to BSP Fem.



Stainless	Male NPT	Female BSP
968699ERL	1/8	1/8

Straight NPT Fem. to BSP Male

A stainless steel adapter fitting with a hexagonal body and a threaded end. The fitting is shown against a white background.

Stainless	Female NPT	Male BSP
968698ERL	1/8	1/8

Metric Thread Male to A.N. Male Adapter  
Use w/ Crush washer or as Inverted Flare



Blue	Male A.N.	Metric Thread
9919AFJERL	-3	16mm x 1.50
9919BFAERL	-4	8mm x 1.00
9919BFBERL	-4	10mm x 1.00
9919BFCERL	-4	10mm x 1.25
9919BFDERL	-4	10mm x 1.50
9919BFEERL	-4	12mm x 1.00
9919BFFERL	-4	12mm x 1.25
9919BFGERL	-4	12mm x 1.50
9919BFHERL	-4	14mm x 1.50
9919BFJERL	-4	16mm x 1.50
9919DFCERL	-6	10mm x 1.25
9919DFDERL	-6	10mm x 1.50
9919DFGERL	-6	12mm x 1.50
9919DFHERL	-6	14mm x 1.50
9919DFJERL	-6	16mm x 1.50
9919DFKERL	-6	18mm x 1.50

Blue	Male A.N.	Metric Thread
9919EFGERL	-8	12mm x 1.50
9919EFHERL	-8	14mm x 1.50
9919EFJERL	-8	16mm x 1.50
9919EFKERL	-8	18mm x 1.50
9919FFHERL	-10	14mm x 1.50
9919FFJERL	-10	16mm x 1.50
9919FFKERL	-10	18mm x 1.50
9919FFLERL	-10	20mm x 1.50
9919GFHERL	-12	14mm x 1.50
9919GFJERL	-12	16mm x 1.50
9919GFKERL	-12	18mm x 1.50
9919GFLERL	-12	20mm x 1.50
9919GFRERL	-12	30mm x 1.50
9919HFJERL	-16	16mm x 1.50
9919HFKERL	-16	18mm x 1.50
9919HFLERL	-16	20mm x 1.50
9919HFLERL	-16	30mm x 1.50

BSP Male to A.N. Male



Black	Male A.N.	Male BSPP
AT9919BECERL	-4	3/8
AT9919DECERL	-6	3/8
AT9919EECERL	-8	3/8

90° Forged A.N. Fem. to Metric Thread Male



Blue	Female A.N.	Male Metric Thread
923191ERL	-6	12mm x 1.25
923192ERL	-6	12mm x 1.50

Metric Thread Fem. w/ Internal O-Ring Seat to A.N. Male



Black	Blue	Male A.N.	Female Metric Thread
AT9894DBHERL	9894DBHERL	-6	14mm x 1.50
AT9894DBJERL	9894DBJERL	-6	16mm x 1.50

90° A.N. Male to Metric Thread Male Swivel



Black	Blue	Male A.N.	Male Metric Thread
AT949091ERL	949091ERL	-6	12mm x 1.25
AT949092ERL	949092ERL	-6	12mm x 1.50



XRP A.N. Caps & Plugs

A.N. Port Thread Male Plug



Black	Blue	Nickel	Port Thread
981403BB	981403XRP		-3 O-Ring
981404BB	981404XRP		-4 O-Ring
981406BB	981406XRP		-6 O-Ring
981408BB	981408XRP		-8 O-Ring
981410BB	981410XRP	981410SN	-10 O-Ring
981412BB	981412XRP	981412SN	-12 O-Ring
981416BB	981416XRP		-16 O-Ring
981420BB	981420XRP		-20 O-Ring

NPT Male Plug w/ Internal Wrenching



Black	Blue	Male NPT
993201BB	993201XRP	1/16
993202BB	993202XRP	1/8
993203BB	993203XRP	1/4
993204BB	993204XRP	3/8
993205BB	993205XRP	1/2
993206BB	993206XRP	3/4
993207BB	993207XRP	1
993208BB	993208XRP	1-1/4

A.N. Fem. Cap



Black	Blue	Nickel	Female A.N.
992903BB	992903XRP	992903SN	-3
992904BB	992904XRP	992904SN	-4
992906BB	992906XRP	992906SN	-6
992908BB	992908XRP	992908SN	-8
992910BB	992910XRP	992910SN	-10
992912BB	992912XRP	992912SN	-12
992916BB	992916XRP	992916SN	-16
992920BB	992920XRP		-20

A.N. Port Thread Male Plug w/ Internal Wrenching



Black	Port Thread
IHP002	-2 O-Ring
IHP003	-3 O-Ring
IHP004	-4 O-Ring
IHP006	-6 O-Ring
IHP008	-8 O-Ring
IHP010	-10 O-Ring
IHP012	-12 O-Ring
IHP016	-16 O-Ring

A.N. Male Plug



Black	Red	Nickel	Male A.N.
980603BB	980603XRP	980603SN	-3
980604BB	980604XRP		-4
980606BB	980606XRP	980606SN	-6
980608BB	980608XRP	980608SN	-8
980610BB	980610XRP		-10
980612BB	980612XRP		-12
980616BB	980616XRP	980616SN	-16
980620BB	980620XRP	980620SN	-20



Caps & Plugs

A.N. Fem. Cap



Blue	Female A.N.
592902	-2
592903	-3
592904	-4
592906	-6
992908	-8
992910	-10
992912	-12
992916	-16
992920	-20
992924	-24

A.N. Male Plug



Blue	Male A.N.
580602	-2
580603	-3
580604	-4
580606	-6
980608	-8
980610	-10
980612	-12
980616	-16
980620	-20

A.N. Port Thread Male Plug



Blue	Port Thread
581403	-3 O-Ring
581404	-4 O-Ring
581406	-6 O-Ring
981408	-8 O-Ring
981410	-10 O-Ring
981412	-12 O-Ring
981416	-16 O-Ring

NPT Male Plug w/ Internal Wrenching



Blue	Male NPT
593201	1/16
593202	1/8
593203	1/4
593204	3/8
993205	1/2
993206	3/4

A.N. Male Dust Plug



Plastic	Male A.N.	Per Pkg
179203	-3	25
179204	-4	25
179206	-6	25
179208	-8	15
179210	-10	15
179212	-12	10
179216	-16	10

A.N. Fem. Dust Cap



Plastic	Female A.N.	Per Pkg
179103	-3	25
179104	-4	25
179106	-6	25
179108	-8	15
179110	-10	15
179112	-12	10
179116	-16	10

Tank Cap



Part #	Description
821025	Tank Cap. 2-5/16"-18 Steel
821030	Weld-on Aluminum.

Billet Fill Cap & Water Neck



166018ERL & 166019ERL



166014ERL & 166015ERL

Part Number	Description
166014ERL	Water Neck. Aluminum. 32mm Opening.
166015ERL	Water Neck. Aluminum. 1-1/2" Opening.
166018ERL	Billet Fill Cap. Aluminum Weld-on Bung. 3.5" x 2.75" x 2.25"
166019ERL	Billet Fill Cap. Steel Weld-on Bung. 3.5" x 2.75" x 2.25"

XRP Aluminum Weld Ons

A.N. Male Weld-on Round Body



Aluminum	Male A.N.
997103XRP	-3
997104XRP	-4
997106XRP	-6
997108XRP	-8
997110XRP	-10
997112XRP	-12
997116XRP	-16
997120XRP	-20

NPT Fem. Weld-on Hex Body



Aluminum	Female NPT
996701XRP	1/8
996702XRP	1/4
996703XRP	3/8
996704XRP	1/2
996706XRP	3/4
996708XRP	1

NPT Fem. Weld-on Recessed Flange Round Body



Aluminum	Female NPT
996801	1/8
996802	1/4
996803	3/8
996804	1/2
996806	3/4
996808	1
996810	1-1/4

A.N. Port Fem. Weld-on



Aluminum	Port Thread
987104XRP	-4 O-Ring
987106XRP	-6 O-Ring
987108XRP	-8 O-Ring
987110XRP	-10 O-Ring
987112XRP	-12 O-Ring
987116XRP	-16 O-Ring
987120XRP	-20 O-Ring

Stainless Weld Ons

A.N. Male Weld-on Stainless - Hex Body



Stainless	Male A.N.
SS997103	-3
SS997104	-4
SS997106	-6
SS997108	-8
SS997110	-10
SS997112	-12
SS997116	-16
SS997120	-20
SS997124	-24

A.N. Male Weld-on Steel - Hex Body



Stainless	Male A.N.
SS997104RB	-4
SS997106RB	-6
SS997108RB	-8
SS997110RB	-10
SS997112RB	-12
SS997116RB	-16

A.N. Port Thread Fem. Weld-on Stainless - Hex Body



Stainless	Female Port Thread
987110-SS	-10 O-Ring
987112-SS	-12 O-Ring
987116-SS	-16 O-Ring

O2 Sensor Weld-on Stainless

Stainless	Female Metric Thread
SSOXY018ERL	18mm x 1.50



Steel Weld Ons

A.N. Male Weld-on Steel - Hex Body

Steel	Male A.N.
967104	-4
967106	-6
967108	-8
967110	-10
967112	-12
967116	-16



A.N. Fem. Weld-on Steel - Hex Body

Steel	Female NPT
996601ERL	1/8
996602ERL	1/4
996603ERL	3/8
996604ERL	1/2



O2 Sensor Weld-on Steel



Steel	Female Metric
OXY018ERL	18mm x 1.50



## Inverted Flare Male to A.N. Male Power Steering Adapter



Black	Red	Male A.N.	Inverted Flare
	702104XRP	-4	5/8-18
702006BB	702006XRP	-6	1/2-20
702106BB	702106XRP	-8	5/8-18
702108BB	702108XRP	-8	5/8-18

## A.N. Male to Carb Thread Dual Feed Adapter w/ Washer



Black	Red	Nickel	Male A.N.	Carb Thread
700106BB	700106XRP	700106SN	-6	7/8-20
	700016XRP	700016SN	-6	9/16-24
700108BB	700108XRP	700108SN	-8	7/8-20
Extra Short 700118BB	700118XRP	700118SN	-8	7/8-20
Short 700128BB	700128XRP	700128SN	-8	7/8-20
	700100XRP		-8	7/8-20
	700018XRP	700018SN	-8	9/16-24
	700130XRP		Plug	7/8-20
	700132XRP		Plug	9/16-24

## A.N. Male to Carb Thread Dual Feed Adapter w/ Removable Filter



Black	Male A.N.	Carb Thread
700107XRP	-6	7/8-20
700109XRP	-8	7/8-20
790000	Float Bowl Screw	12-24

## 90° A.N. Male Carburetor Kit Hose End



Black	Red	Nickel	Male A.N.	Hose Size
709106BB	709106XRP	709106SN	-6	-6
709108BB	709108XRP	709108SN	-8	-8

## A.N. Male to Carb Thread Single Feed Adapter - Holley, Demon, Carter, Weber & Solex



Black	Red	Male A.N.	Carb Thread
700006BB	700006XRP	-6	9/16-24
700306BB	700306XRP	-6	5/8-20
700903BB	700903XRP	-6	12mm x 1.25
700905BB	700905XRP	-6	10mm x 1.00
700906BB	700906XRP	-6	12mm x 1.50
	700008XRP	-8	9/16-24
	700000XRP	Washer	9/16-24
	890144	Washer	12mm

## A.N. Fem. Swivel to Carb Thread Dual Feed Adapter - Extended



Black	Blue	Female A.N.	Carb Thread
720006BB	720006XRP	-6	7/8-20
720106BB	720106XRP	-6	9/16-24
720116XRP		-6	3/4-16
720008BB	720008XRP	-8	7/8-20
720108BB	720108XRP	-8	9/16-24
720118XRP		-8	3/4-16
720010BB	720010XRP	-10	7/8-20

## A.N. Fem. Swivel to Carb Thread Dual Feed Adapter w/ Removable Filter



Black	Male A.N.	Carb Thread
720007XRP	-6	7/8-20
720009XRP	-8	7/8-20

## 90° A.N. Male Tee Carburetor Kit Hose End



Black	Red	Nickel	Male A.N.	Male A.N.	Hose Size
	709346XRP	709346SN	-6	-4	-6
709306BB	709306XRP	709306SN	-6	-6	-6
709348BB	709348XRP	709348SN	-8	-4	-8
709308BB	709308XRP	709308SN	-8	-8	-8

## A.N. Male Tee w/ NPT Fem. Port Carburetor Kit Hose End



Black	Red	Nickel	Male A.N.	Male A.N.	Hose Size	Female NPT
709506BB	709506XRP	709506SN	-6	-6	-6	1/8
709508BB	709508XRP	709508SN	-8	-8	-8	1/8

## Metric Thread Fem. to Port Thread Fem. Bosch Fuel Pump Check Valve Adapter



Black	Metric Thread	Female Port Thread
704210	12mm x 1.50	-10 O-Ring



## Earl's Gauge Adapters

### A.N. Male to Carb Thread Dual Feed Adapter



Black	Male A.N.	Carb Thread
AT991942ERL	-6	9/16-24
AT991958ERL	-8	3/4-16
AT991948ERL	-8	7/8-20
AT991959ERL	-6	3/4-16

### A.N. Male to Carb Thread Dual Feed Adapter w/ Washer



Black	Male A.N.	Carb Thread
AT991943ERL	-6	7/8-20
AT991957ERL	-8	7/8-20

### A.N. Male to Metric Thread Male w/ O-ring Seal



Black	Male A.N.	Metric Thread
AT991954ERL	-6	14mm x 1.50
AT991955ERL	-6	16mm x 1.50
AT991956ERL	-6	18mm x 1.50

### A.N. Male to Metric Thread Male Carb Adapter



Black	Male A.N.	Metric Thread
AT991953ERL	-6	10mm x 1.00
AT991945ERL	-6	12mm x 1.25
AT991944ERL	-6	12mm x 1.50

### A.N. Male to A.N. Fem. Fuel Pressure Gauge Adapter w/ NPT Fem. Port



Black	Blue	Male A.N.	Female A.N.	Female NPT
AT100201ERL	100201ERL	-4	-4	1/8
AT100199ERL	100199ERL	-6	-6	1/8
AT100200ERL	100200ERL	-8	-8	1/8



## 90° A.N. Male to A.N. Fem. Swivel Adapter w/ NPT Fem. Port



Black	Blue	Male A.N.	Female A.N.	Female NPT
782144BB	782144	-4	-4	1/8

## A.N. Fem. Probe Cap



Blue	Female A.N.
992913XRP	-12
992917XRP	-16

## Straight A.N. Male to NPT Fem. Gauge Adapter



Black	Male A.N.	Female NPT
795003	-6	1/4
795004	-6	3/8

## A.N. Male to A.N. Fem. Fuel Pressure Gauge Adapter w/ NPT Fem. Port



Black	Blue	Male A.N.	Female A.N.	Female NPT
700195BB	700195	-6	-6	1/8
700199BB	700199	-8	-8	1/8
700202BB	700202	-10	-10	1/8
700204BB	700204	-12	-12	no port

## A.N. Male to A.N. Male Fuel Pressure Gauge Adapter w/ NPT Fem. Port



Black	Red	Male A.N.	Male A.N.	Female NPT
700192BB	700192	-6	-6	1/8
700196BB	700196	-8	-8	1/8
700201BB	700201	-10	-10	1/8

## A.N. Male to NPT Male Fuel Pressure Gauge Adapter w/ NPT Fem. Port



Black	Red	Male A.N.	Male NPT	Female NPT
	700193	-6	1/4	1/8
700194BB	700194	-6	3/8	1/8
	700197	-8	1/4	1/8
700198BB	700198	-8	3/8	1/8
700210BB	700210	-10	1/2	1/8
	700211	-10	3/8	1/8

## Straight AN Male to NPT Fem.



Steel	Male A.N.	Female NPT
705003	-3	1/8
705004	-4	1/8

## 90° AN Male to NPT Fem.



Steel	Male A.N.	Female NPT
705090	-4	1/8

XRP's in-line fluid filters, for oil or fuel, offer significant design features for optimal fluid delivery. The Filter's modular construction allows you to assemble a filter with a variety of ends and elements. This versatile, state-of-the-art design in long or short options are our largest capacity filter. Made in USA with high quality weight saving materials that delivers high flow capacity, high pressure, and high temperature.

## 71 Series In-line Oil Filter w/ A.N. Male Inlet & Outlet



Black	Male A.N.	Male A.N.	Dimensions
7108AN	-6	-6	2.47" D x 9.1" L
7108AN	-8	-8	2.47" D x 9.2" L
7110AN	-10	-10	2.47" D x 9.4" L
7112AN	-12	-12	2.47" D x 9.6" L
7116AN	-16	-16	2.47" D x 9.7" L
7120AN	-20	-20	2.47" D x 9.8" L

## 71 Series In-line Oil Filter w/ Clamshell Male Inlet & Outlet



Black	Male Clamshell	Male Clamshell	Dimensions
7108HC	-8	-8	2.47" D x 9.1" L
7110HC	-10	-10	2.47" D x 9.1" L
7112HC	-12	-12	2.47" D x 9.3" L
7116HC	-16	-16	2.47" D x 9.5" L
7120HC	-20	-20	2.47" D x 9.5" L

## 71 Series In-line Oil Filter w/ A.N. Male Inlet & Outlet - Short Body



Black	Male Clamshell	Male Clamshell	Dimensions
7106SAN	-6	-6	2.47" D x 6.1" L
7108SAN	-8	-8	2.47" D x 6.2" L
7110SAN	-10	-10	2.47" D x 6.4" L
7112SAN	-12	-12	2.47" D x 6.6" L
7116SAN	-16	-16	2.47" D x 6.7" L
7120SAN	-20	-20	2.47" D x 6.8" L

## 71 Series In-line Oil Filter w/ A.N. Male Inlet & Outlet w/ Accessory Port



Black	Male A.N.	Male A.N.	Dimensions
7108ANAP	-8	-8	2.47" D x 10.3" L
7110ANAP	-10	-10	2.47" D x 10.5" L
7112ANAP	-12	-12	2.47" D x 10.7" L
7116ANAP	-16	-16	2.47" D x 10.8" L
7120ANAP	-20	-20	2.47" D x 10.9" L

## 71 Series In-line Oil Filter w/ Clamshell Male Inlet & Outlet w/ Accessory Port



Black	Male Clamshell	Male Clamshell	Dimensions
7108HCAP	-8	-8	2.47" D x 10.3" L
7110HCAP	-10	-10	2.47" D x 10.3" L
7112HCAP	-12	-12	2.47" D x 10.4" L
7116HCAP	-16	-16	2.47" D x 10.6" L
7120HCAP	-20	-20	2.47" D x 10.6" L

## 71 Series In-line Oil Filter Replacement Body - Short



Black	Description
713000S	Fits -6 to -20

## 71 Series Screen Element - Short



Part #	Micron	Description
713045SHP	45	-8 to -16 Filter
714045S	45	-20 Filter Body
713060SHP	60	-8 to -16 Filter
714060S	60	-20 Filter Body
713075SHP	75	-8 to -16 Filter
714075S	75	-20 Filter Body
713100SHP	100	-8 to -16 Filter



## 71 Series Standard Core Screen Element



Part #	Micron	Description
713045HP	45	-8 to -16 Filter
713045RVHP	45	Relief Valve for -8 to -16 Filter
714045HP	45	-20 Filter Body
714045RV	45	Relief Valve for -20 Filter
713060HP	60	-8 to -16 Filter
713060RVHP	60	Relief Valve for -8 to -16
714060HP	60	-20 Filter
714060RV	60	Relief Valve for -20 Filter
713075HP	75	-8 to -16 Filter
713075RVHP	75	Relief Valve for -8 to -16 Filter
714075HP	75	-20 Filter
714075RV	75	Relief Valve for -20 Filter
713100HP	100	-8 to -16 Filter
713100RVHP	100	Relief Valve for -8 to -16 Filter
714100RV	100	Relief Valve for -20 Filter

## A.N. Male Inlet & Outlet End Cap for 71 Series In-line Oil Filter



Black	Male A.N.	Description
713108AN	-8	A.N. Male Inlet End Cap
713108ANAP	-8	A.N. Male Inlet End Cap W/ A.P.
713208AN	-8	A.N. Male Outlet End Cap
713110AN	-10	A.N. Male Inlet End Cap
713110ANAP	-10	A.N. Male Inlet End Cap W/ A.P.
713210AN	-10	A.N. Male Outlet End Cap
713112AN	-12	A.N. Male Inlet End Cap
713112ANAP	-12	A.N. Male Inlet End Cap W/ A.P.
713212AN	-12	A.N. Male Outlet End Cap
713116AN	-16	A.N. Male Inlet End Cap
713116ANAP	-16	A.N. Male Inlet End Cap W/ A.P.
713216AN	-16	A.N. Male Outlet End Cap
713120AN	-20	A.N. Male Inlet End Cap
713120ANAP	-20	A.N. Male Inlet End Cap W/ A.P.
713220AN	-20	A.N. Male Outlet End Cap

## 71 Series In-line Oil Filter Replacement Body



Black	Description
713000	Fits -6 to -20

## Clamshell Male Inlet & Outlet End Cap for 71 Series In-line Oil Filter



HC Inlet Fitting

HC Inlet Fitting with Accessory Port

HC Outlet Fitting

Black	Male A.N.	Description
713108HC	-8	Clamshell Male Inlet End Cap
713108HCAP	-8	Clamshell Male Inlet End Cap W/ A.P.
713208HC	-8	Clamshell Male Outlet End Cap
713110HC	-10	Clamshell Male Inlet End Cap
713110HCAP	-10	Clamshell Male Inlet End Cap W/ A.P.
713210HC	-10	Clamshell Male Outlet End Cap
713112HC	-12	Clamshell Male Inlet End Cap
713112HCAP	-12	Clamshell Male Inlet End Cap W/ A.P.
713212HC	-12	Clamshell Male Outlet End Cap
713116HC	-16	Clamshell Male Inlet End Cap
713116HCAP	-16	Clamshell Male Inlet End Cap W/ A.P.
713216HC	-16	Clamshell Male Outlet End Cap
713120HC	-20	Clamshell Male Inlet End Cap
713120HCAP	-20	Clamshell Male Inlet End Cap W/ A.P.
713220HC	-20	Clamshell Male Outlet End Cap

## A.N. Male Outlet End Cap w/ NPT Fem. Pressure Differential Take-off Ports for 71 Series In-line Oil Filter



Black	Male A.N.	Female NPT
713208ANPD	-8	1/8
713210ANPD	-10	1/8
713212ANPD	-12	1/8

## 72 Series In-line Oil Filter w/ Quick Disconnect Body & A.N. Male Inlet & Outlet w/ Accessory Port



Black	Male A.N.	Male A.N.	Dimensions
7208ANAP	-8	-8	2.47" L x 10.3" D
7210ANAP	-10	-10	2.47" L x 10.5" D
7212ANAP	-12	-12	2.47" L x 10.7" D
7216ANAP	-16	-16	2.47" L x 10.8" D
7220ANAP	-20	-20	2.47" L x 10.9" D

## 70, 71, & 72 Series Mounting Bracket & Adapter



Tube Chassis Mounting Bracket

Firewall Mounting Bracket



Temperature Probe Adapter

Black	Tube Dia.	Description
706-0001	N/A	70 Series In-line Oil Filter Mounting Bracket for Firewall
705-1250	1-1/4	71 & 72 Series In-line Oil Filter Mounting Bracket for Chassis Tube
705-1375	1-3/8	71 & 72 Series In-line Oil Filter Mounting Bracket for Chassis Tube
705-1500	1-1/2	71 & 72 Series In-line Oil Filter Mounting Bracket for Chassis Tube
705-1625	1-5/8	71 & 72 Series In-line Oil Filter Mounting Bracket for Chassis Tube
705-1750	1-3/4	71 & 72 Series In-line Oil Filter Mounting Bracket for Chassis Tube
705-0001	N/A	71 & 72 Series In-line Oil Filter Mounting Bracket for Firewall
981410TP	N/A	Straight -10 A.N. Male to 5/8-18" Female Thread Temperature

## 72 Series In-line Oil Filter w/ Quick Disconnect Body & A.N. Male Inlet & Outlet



Black	Male A.N.	Male A.N.	Dimensions
7208AN	-6	-6	2.47" D x 9.1" L
7208AN	-8	-8	2.47" D x 9.2" L
7210AN	-10	-10	2.47" D x 9.4" L
7212AN	-12	-12	2.47" D x 9.4" L
7216AN	-16	-16	2.47" D x 9.7" L
7220AN	-20	-20	2.47" D x 9.8" L

## 72 Series In-line Oil Filter w/ Quick Disconnect Body & Clamshell Male Inlet & Outlet



Black	Male Clamshell	Male Clamshell	Dimensions
7208HC	-8	-8	2.47" D x 9.1" L
7210HC	-10	-10	2.47" D x 9.1" L
7212HC	-12	-12	2.47" D x 9.3" L
7216HC	-16	-16	2.47" D x 9.5" L
7220HC	-20	-20	2.47" D x 9.5" L

## 72 Series In-line Oil Filter w/ Quick Disconnect Body & Clamshell Inlet & Outlet w/ Accessory Port



Black	Male Clamshell	Male Clamshell	Dimensions
7208HCAP	-8	-8	2.47" D x 10.3" L
7210HCAP	-10	-10	2.47" D x 10.3" L
7212HCAP	-12	-12	2.47" D x 10.4" L
7216HCAP	-16	-16	2.47" D x 10.6" L
7220HCAP	-20	-20	2.47" D x 10.6" L



## A.N. Male to A.N. Male Fuel Filter w/ Stainless Steel Screen



Black	Male A.N.	Male A.N.	Micron	Dimensions
704404FS10	-4	-4	10	1.115" D x 4.6" L
704404FS20	-4	-4	20	1.115" D x 4.6" L
704404FS40	-4	-4	40	1.115" D x 4.6" L
704404FS60	-4	-4	60	1.115" D x 4.6" L
704404FS120	-4	-4	120	1.115" D x 4.6" L
704406FS10	-6	-6	10	1.115" D x 4.6" L
704406FS20	-6	-6	20	1.115" D x 4.6" L
704406FS40	-6	-6	40	1.115" D x 4.6" L
704406FS100	-6	-6	100	1.115" D x 4.6" L
704406FS120	-6	-6	120	1.115" D x 4.6" L
704408FS10	-8	-8	10	1.115" D x 4.8" L
704408FS20	-8	-8	20	1.115" D x 4.8" L
704408FS40	-8	-8	40	1.115" D x 4.8" L
704408FS120	-8	-8	120	1.115" D x 4.8" L
704410FS10	-10	-10	10	1.115" D x 5.0" L
704410FS20	-10	-10	20	1.115" D x 5.0" L
704410FS40	-10	-10	40	1.115" D x 5.0" L
704410FS100	-10	-10	100	1.115" D x 5.0" L
704410FS120	-10	-10	120	1.115" D x 5.0" L

## A.N. Male to Port Thread Male w/ #16 Filter Screen Adapter



Black	Male A.N.	Port Thread	Angle
980012FS	-12	-12 O-Ring	Straight
989112FS	-12	-12 O-Ring	90°

## A.N. Male to A.N. Male Fuel Filter w/ Quick Disconnect Body & Stainless Steel Screen



Black	Male A.N.	Male A.N.	Micron	Dimensions
704506FS10	-6	-6	10	0.875" D x 4.9" L
704506FS20	-6	-6	20	0.875" D x 4.9" L
704506FS40	-6	-6	40	0.875" D x 4.9" L
704508FS10	-8	-8	10	0.875" D x 5.0" L
704508FS20	-8	-8	20	0.875" D x 5.0" L
704508FS40	-8	-8	40	0.875" D x 5.0" L
704510FS10	-10	-10	10	1.125" D x 5.6" L
704510FS20	-10	-10	20	1.125" D x 5.6" L
704510FS40	-10	-10	40	1.125" D x 5.6" L

## Clamshell Male to Clamshell Male Fuel Filter w/ Quick Disconnect Body & Stainless Steel Screen



Black	Male Clamshell	Male Clamshell	Micron	Dimensions
704508HCFS10	-8	-8	10	0.875" D x 4.9" L
704508HCFS20	-8	-8	20	0.875" D x 4.9" L
704508HCFS40	-8	-8	40	0.875" D x 4.9" L
704510HCFS10	-10	-10	10	0.875" D x 5.1" L
704510HCFS20	-10	-10	20	0.875" D x 5.1" L
704510HCFS40	-10	-10	40	0.875" D x 5.1" L

## A.N. Male to A.N. Male Dry Sump Scavenger Filter w/ Stainless Steel Screen



Black	Male A.N.	Male A.N.	Dimensions
704108	-8	-8	1.115" D x 4.8" L
704110	-10	-10	1.115" D x 5.0" L
704110	-12	-12	1.115" D x 5.2" L

## Dry Sump Banjo Adapter



Black	Description
712012XRP	Port Thread Male Oil Pan Banjo
712012FS	Port Thread Male Oil Pan Banjo W/ Filter Screen
711912	Oil Pan Banjo Female Cap
712212	Oil Pan Banjo for HS-79 Non-Swivel
712112	Oil Pan Banjo for Swivel Stainless Hose
712312	Oil Pan Banjo for HS-79 Swivel

## Clamshell Male to Clamshell Male Dry Sump Scavenger Filter w/ Clamshell Body & Stainless Steel Screen



Black	Male Clamshell	Male Clamshell	Dimensions
704508HCFS16	-8	-8	0.875" D x 4.9" L
704510HCFS16	-10	-10	0.875" D x 5.1" L
704512HCFS16	-12	-12	0.875" D x 5.3" L

## A.N. Male to A.N. Male Dry Sump Scavenger Filter w/ Clamshell Body & Stainless Steel Screen



Black	Male A.N.	Male A.N.	Dimensions
704508FS16	-8	-8	0.875" D x 5.0" L
704510FS16	-10	-10	0.875" D x 5.6" L
704512FS16	-12	-12	0.875" D x 5.7" L

## A.N. Male to A.N. Male Dry Sump Scavenger Filter w/ Clamshell Body & Stainless Steel Screen



Black	Male A.N.	Male Metric	Micron
7041004FS120	-4	10mm x 1.50	120
7041204FS120	-4	12mm x 1.50	120
7041404FS120	-4	14mm x 1.50	120
7041504FS120	-4	15mm x 1.50	120
7041804FS120	-4	18mm x 1.50	120
7041006FS120	-6	10mm x 1.50	120
7041206FS120	-6	12mm x 1.50	120
7041406FS120	-6	14mm x 1.50	120
7041506FS120	-6	15mm x 1.50	120
7041806FS120	-6	18mm x 1.50	120
7041008FS120	-8	10mm x 1.50	120
7041208FS120	-8	12mm x 1.50	120
7041408FS120	-8	14mm x 1.50	120
7041508FS120	-8	15mm x 1.50	120
7041808FS120	-8	18mm x 1.50	120
7041010FS120	-10	10mm x 1.50	120
7041210FS120	-10	12mm x 1.50	120
7041410FS120	-10	14mm x 1.50	120
7041510FS120	-10	15mm x 1.50	120
7041810FS120	-10	18mm x 1.50	120



**Straight NPT Male to A.N. Male Adapter**



Stainless	Male A.N.	Male NPT
AN816-2J	-2	1/8
AN816-3J	-3	1/8
AN816-4J	-4	1/8
AN816-4-4J	-4	1/4
AN816-6-2J	-6	1/8
AN816-6J	-6	1/4
AN816-6-6J	-6	3/8
AN816-8-8J	-8	1/2
AN816-8-4J	-8	1/4
AN816-8J	-8	3/8
AN816-8-8J	-8	1/2
AN816-10-6J	-10	3/8
AN816-10J	-10	1/2
AN816-10-12J	-10	3/4
AN816-12-8J	-12	1/2
AN816-12J	-12	3/4
AN816-12-16	-12	1
AN816-16-6J	-16	3/8
AN816-16-12	-16	3/4
AN816-16J	-16	1

**45° NPT Fem. to NPT Male**



Stainless	Male NPT	Female NPT
AN915-1J	1/8	1/8
AN915-2J	1/4	1/4

**90° NPT Fem. to NPT Male**



Stainless	Male NPT	Female NPT
AN914-1J	1/8	1/8
AN914-2J	1/4	1/4

**45° NPT Male to A.N. Male Adapter**



Stainless	Male A.N.	Male NPT
AN823-3J	-3	1/8
AN823-4J	-4	1/8
AN823-4-4J	-4	1/4
AN823-6-2J	-6	1/8
AN823-6J	-6	1/4
AN823-6-6J	-6	3/8
AN823-8-4J	-8	1/4
AN823-8J	-8	3/8
AN823-8-8J	-8	1/2
AN823-10J	-10	1/2
AN823-12J	-12	3/4

**Straight NPT Fem. to NPT Male Adapter**



Stainless	Male NPT	Female NPT
AN912-3J	3/8	1/8
AN912-2J	3/8	1/4
AN912-6J	1/2	1/8
AN912-5J	1/2	1/4
AN912-4J	1/2	3/8
AN912-8J	3/4	3/8
AN912-7J	3/4	1/2
AN912-11J	1	1/2
AN912-10J	1	3/4

**Straight NPT Male to NPT Male Adapter**



Stainless	Male NPT	Male NPT
AN911-1J	1/8	1/8
AN911-1-2J	1/8	1/4
AN911-2J	1/4	1/4
AN911-3J	3/8	3/8
AN911-4J	1/2	1/2

**90° NPT Male to A.N. Male Adapter**



Stainless	Male A.N.	Male NPT
AN822-3J	-3	1/8
AN822-4J	-4	1/8
AN822-4-4J	-4	1/4
AN822-6-2J	-6	1/8
AN822-6J	-6	1/4
AN822-6-6J	-6	3/8
AN822-8-4J	-8	1/4
AN822-8J	-8	3/8
AN822-8-8J	-8	1/2
AN822-10J	-10	1/2
AN822-10-12J	-10	3/4
AN822-12-8J	-12	1/2
AN822-12J	-12	3/4
AN822-16-12J	-16	3/4

**Straight NPT Fem. to NPT Fem. Adapter**



Stainless	Female NPT	Female NPT
AN910-1J	1/8	1/8
AN910-2J	1/4	1/4
AN910-3J	3/8	3/8
AN910-4J	1/2	1/2

**90° A.N. Fem. to NPT Male**



Stainless	Male NPT	Female A.N.
RE1762J0302	1/8	-3

**Straight A.N. Male to A.N. Male Union**



Stainless	Male A.N.	Male A.N.
AN815-2J	-2	-2
AN815-3J	-3	-3
AN815-4J	-4	-4
AN815-5J	-5	-5
AN815-6J	-6	-6
AN815-8J	-8	-8
AN815-10J	-10	-10
AN815-12J	-12	-12
AN815-16J	-16	-16

**Straight A.N. Male to A.N. Male Bulkhead Adapter**



Stainless	Male A.N.	Male A.N.
AN832-3J	-3	-3
AN832-4J	-4	-4
AN832-6J	-6	-6
AN832-8J	-8	-8
AN832-10J	-10	-10
AN832-12J	-12	-12
AN832-16J	-16	-16

**A.N. Male 3-Way Bulkhead Tee**



Stainless	Male A.N.	Male A.N.	Male A.N.
AN834-3J	-3	-3	-3
AN834-4J	-4	-4	-4
AN834-6J	-6	-6	-6
AN834-8J	-8	-8	-8
AN834-12J	-12	-12	-12

**A.N. Male to A.N. Male Reducer**



Stainless	Male A.N.	Male A.N.
AN919-3-2J	-3	-2
AN919-4-3J	-4	-3
AN919-5-4J	-5	-4
AN919-6-2J	-6	-2
AN919-6-3J	-6	-3
AN919-6-4J	-6	-4
AN919-6-5J	-6	-5
AN919-6-8J	-6	-8
AN919-8-3J	-8	-3
AN919-8-10J	-8	-10
AN919-10-12J	-10	-12
AN919-12-5J	-12	-5
AN919-12-6J	-12	-6
AN919-12-10J	-12	-10
AN919-24-16C	-24	-16

**45° A.N. Male to A.N. Male Bulkhead**



Stainless	Male A.N.	Male A.N.
AN833-3J	-3	-3
AN833-4J	-4	-4
AN833-6J	-6	-6
AN833-8J	-8	-8
AN833-10J	-10	-10
AN833-12J	-12	-12
AN833-16J	-16	-16
AN833-20J	-20	-20

**90° A.N. Male to A.N. Male Adapter**



Stainless	Male A.N.	Male A.N.
AN821-3J	-3	-3
AN821-4-3J	-4	-3
AN821-4J	-4	-4
AN821-6J	-6	-6
AN821-8J	-8	-8

**45° A.N. Male to A.N. Male Bulkhead**



Stainless	Male A.N.	Male A.N.
AN837-3J	-3	-3
AN837-4J	-4	-4
AN837-6J	-6	-6
AN837-8J	-8	-8
AN837-10J	-10	-10

**A.N. Male Tee w/ A.N. Fem. Swivel on Run**



Stainless	Male A.N.	Male A.N.	Female A.N.
SS926103	-3	-3	-3
SS926104	-4	-4	-4
SS926106	-6	-6	-6



A.N. Male to A.N. Male Bulkhead Tee on Run



Stainless	Male A.N.	Male A.N.	Male A.N.
AN804-3J	-3	-3	-3
AN804-4J	-4	-4	-4
AN804-8J	-8	-8	-8
AN804-10C	-10	-10	-10
AN804-12C	-12	-12	-12
AN804-16J	-16	-16	-16

A.N. Male Tee w/  
A.N. Fem. on Side



Stainless	Male A.N.	Male A.N.	Female A.N.
SS925108	-6	-6	-6
SS925108	-8	-8	-8

A.N. Male 3-Way Tee



Stainless	Male A.N.	Male A.N.	Male A.N.
AN824-2J	-2	-2	-2
AN824-3J	-3	-3	-3
AN824-4J	-4	-4	-4
AN824-6J	-6	-6	-6
AN824-8J	-8	-8	-8
AN824-10J	-10	-10	-10
AN824-12J	-12	-12	-12

Bulkhead Nut



Stainless	Female A.N.
AN924-3J	-3
AN924-4J	-4
AN924-6J	-6
AN924-8J	-8
AN924-10J	-10
AN924-12J	-12
AN924-16J	-16

A.N. Tube Nut



Stainless	Female A.N.	Tube Size
AN818-2J	-2	1/8
AN818-3J	-3	3/16
AN818-4J	-4	1/4
AN818-5J	-5	5/16
AN818-6J	-6	3/8
AN818-8J	-8	1/2
AN818-10J	-10	5/8
AN818-12J	-12	3/4
AN818-16J	-16	1

A.N. Male Tee w/ Mounting Hole



Stainless	Mounting Hole	Male A.N.	Male A.N.	Male A.N.
451103	1/2"	-3	-3	-3

A.N. Male 4-Way Cross



Stainless	Male A.N.
AN827-4J	-4
AN827-6J	-6
AN827-8J	-8

A.N. Tube Sleeve



Stainless	Tube Size
AN819-2J	1/8
AN819-3J	3/16
AN819-4J	1/4
AN819-5J	5/16
AN819-6J	3/8
AN819-8J	1/2
AN819-10J	5/8
AN819-12J	3/4
AN819-16J	1

Straight A.N. Male to A.N. Male  
Long Bulkhead Adapter  
(Through Frame Style)



Stainless	Male A.N.	Male A.N.
SS983503ERL	-3	-3
SS983504ERL	-4	-4
SS983506ERL	-6	-6
SS983508ERL	-8	-8

90° A.N. Male to A.N. Male  
Frame Saver Tee w/ Mount



Stainless	Male A.N.	Male A.N.	Mounting Hole
6453793ERL	-3	-3	1/2"

A.N. Flanged  
Bulkhead Nut



Stainless	Female A.N.
SS592503ERL	-3
SS592504ERL	-4
SS592506ERL	-6
SS992508ERL	-8

90° Hose Barb to  
NPT Male Swivel



Stainless	Male NPT	Barb Size
SS988410ERL	1/2	5/8
SS988409ERL	3/4	5/8
SS988413ERL	1/2	3/4
SS988412ERL	3/4	3/4

Straight A.N. Male to A.N. Male  
Frame Saver Tee w/ Mount



Stainless	Male A.N.	Male A.N.	Mounting Hole
6453893ERL	-3	-3	1/2"

Speed-Seal 3-Way PTFE Hose Tee w/ A.N.  
Male on Side w/ Mount



Stainless	Male A.N.	Male A.N.	Male A.N.	Mounting Hole
6453293ERL	-3	-3	-3	1/2"





# Earl's Shut-Off Valves

100

A.N. Male to A.N. Male  
UltraPro Ball Valve



Black	Male A.N.	Male A.N.	Dimensions
230506ERL	-6	-6	2.73" L x 1.05" W x 1.78" H
230508ERL	-8	-8	2.73" L x 1.05" W x 1.78" H
230510ERL	-10	-10	3.25" L x 1.45" W x 2.42" H
230512ERL	-12	-12	3.25" L x 1.45" W x 2.42" H

A.N. Male to A.N. Fem.  
UltraPro Ball Valve



Black	Male A.N.	Female A.N.	Dimensions
230706ERL	-6	-6	2.73" L x 1.05" W x 1.78" H
230708ERL	-8	-8	2.73" L x 1.05" W x 1.78" H
230710ERL	-10	-10	3.25" L x 1.45" W x 2.42" H
230712ERL	-12	-12	3.25" L x 1.45" W x 2.42" H

A.N. Male End Cap for  
UltraPro Ball Valve



Aluminum	Male A.N.
230566ERL	-6
230588ERL	-8
230511ERL	-10
230522ERL	-12

A.N. Fem. End Cap for  
UltraPro Ball Valve



Aluminum	Female A.N.
230556ERL	-6
230558ERL	-8
230550ERL	-10
230552ERL	-12

Panel Mount Bracket for  
UltraPro Ball Valve



230496ERL	-6 & -8
230497ERL	-10 & -12

Seal Service Kit for  
UltraPro Ball Valve



Black	A.N.
230494ERL	-6 & -8
230495ERL	-10 & -12

NPT Fem. to A.N. Male Bulkhead  
Shut-off Valve



Black	Red	Female NPT	Male A.N.	Overall Length Of Body
AT230502ERL	230502ERL	3/8	-6	2-3/4"
AT230503ERL	230503ERL	3/8	-8	2-3/4"
AT230505ERL	230505ERL	1/2	-10	2-3/4"

NPT Fem. to NPT Fem. Shut-off Valve



Brass	Chrome	Female NPT	Female NPT
230507ERL	230501ERL	3/8	3/8
230509ERL	230504ERL	1/2	1/2



# Earl's Hose Barb True Bore

101

Straight Hose Barb  
to NPT Male



Black	Male NPT	Barb Size
AT984004ERL	1/8	1/4
AT984006ERL	1/4	3/8
AT984006ERL	3/8	3/8
AT984008ERL	1/2	3/8
AT984008ERL	3/8	1/2
AT984008ERL	1/2	1/2
AT984010ERL	1/2	5/8
AT984012ERL	3/4	3/4



Straight Hose Barb  
to NPT Male



Blue	Male NPT	Barb Size
984004	1/8	1/4
984006	1/4	3/8
984006	1/2	3/8
984008	3/8	1/2
984010	1/2	5/8
984008	3/8	5/8
984012	3/4	3/4
984028	3/8	3/4
984016	3/4	1
984017	1	1



Straight Hose Barb  
to NPT Male



Black	Male NPT	Barb Size
985004XRP	1/8	7/32
985006XRP	1/4	11/32
985008XRP	3/8	7/16
985010XRP	1/2	9/16
985012XRP	3/4	11/16
985016XRP	3/4	7/8

45° Hose Barb  
to NPT Male



Black	Male NPT	Barb Size
AT984404ERL	1/8	1/4
AT984406ERL	1/4	3/8
AT984408ERL	3/8	1/2
AT984410ERL	1/2	5/8
AT984012ERL	3/4	3/4

45° Hose Barb  
to NPT Male



Blue	Male NPT	Barb Size
984404	1/8	1/4
984406	1/4	3/8
984408	3/8	1/2
984410	1/2	5/8
984412	3/4	3/4
984416	3/4	1

90° Hose Barb  
to NPT Male



Black	Male NPT	Barb Size
AT984204ERL	1/8	1/4
AT984206ERL	1/4	3/8
AT984208ERL	3/8	1/2
AT984210ERL	1/2	5/8
AT984212ERL	3/4	3/4

90° Hose Barb  
to NPT Male



Blue	Male NPT	Barb Size
984204	1/8	1/4
984206	1/4	3/8
984208	3/8	1/2
984210	1/2	5/8
984212	3/4	3/4
984216	3/4	1

# XRP Hose Barb Nominal Bore

45° Hose Barb  
to NPT Male



Black	Male NPT	Barb Size
985404XRP	1/8	7/32
985406XRP	1/4	11/32
985408XRP	3/8	7/16
985410XRP	1/2	9/16
985412XRP	3/4	11/16
985416XRP	3/4	7/8

90° Hose Barb  
to NPT Male



Black	Male NPT	Barb Size
985204XRP	1/8	7/32
985206XRP	1/4	11/32
985208XRP	3/8	7/16
985210XRP	1/2	9/16
985212XRP	3/4	11/16
985216XRP	3/4	7/8



Port Thread Fem. Inlet & Outlets (x3) Distribu-  
tion Block w/ NPT Fem. Port

Black	A	B	C	D
100168ERL	-6 O-Ring	-6 O-Ring	-6 O-Ring	-8 O-Ring

A.N. Fem. Outlets & A.N. Fem. Inlet Y-Block w/  
NPT Fem. Port

Black	A	B	C
100176ERL	-10	-10	1/8

NPT Fem. Outlets & NPT Fem. Inlet Y-Block w/  
NPT Fem. Port

Black	A	B	C
100179ERL	1/4	1/4	3/8
100183ERL	3/8	3/8	1/2
100184ERL	1/2	1/2	1/2

NPT Fem. Outlets & A.N. Fem. Inlet Y-Block w/  
NPT Fem. Port

Black	A	B	C
100181ERL	3/8	3/8	-6

Port Thread Fem. Inlet & Outlets Billet Inline  
Y-Block

Black	A	B	C
100160ERL	-6 O-Ring	-6 O-Ring	-8 O-Ring
100161ERL	-8 O-Ring	-8 O-Ring	-10 O-Ring
100162ERL	-10 O-Ring	-10 O-Ring	-12 O-Ring

A.N. Male Inlet & Outlets Forged

Black	A	B	C
AT100171ERL	-4	-4	-4
AT100172ERL	-6	-6	-6
AT100175ERL	-6	-6	-8
AT100173ERL	-8	-8	-8
AT100169ERL	-8	-8	-10
AT100174ERL	-10	-10	-10

Port Thread Fem. Inlet & Outlets Y-Block

Black	A	B	C
PE6020	-4 O-Ring	-4 O-Ring	-6 O-Ring
PE6010	-6 O-Ring	-6 O-Ring	-6 O-Ring

Port Thread Fem. Inlet & Outlets Y-Block w/ NPT  
Fem. Port

Black	A	B	C
PE6150	-8 O-Ring	-8 O-Ring	-10 O-Ring
PE6200	-10 O-Ring	-10 O-Ring	-10 O-Ring

Port Thread Fem. Inlet & Outlets (x3)  
Distribution Block

Black	A	B	C	D
PE6030	-4 O-Ring	-4 O-Ring	-4 O-Ring	-6 O-Ring
PE6040	-6 O-Ring	-6 O-Ring	-6 O-Ring	-8 O-Ring

Port Thread Fem. Inlet & Outlets (x3)  
Distribution Block w/ NPT Fem. Port

Black	A	B	C	D
PE6100	-8 O-Ring	-8 O-Ring	-8 O-Ring	-10 O-Ring

Port Thread Fem. Inlet & Outlets (x5)  
Distribution Block

Black	A	B	C	D	E	F
PE6050	-4 O-Ring	-4 O-Ring	-4 O-Ring	-4 O-Ring	-4 O-Ring	-6 O-Ring

Port Thread Fem. Inlet & Outlets (x4)  
Distribution Block

Black	A	B	C	D	E
PE6060	-4 O-Ring	-4 O-Ring	-4 O-Ring	-4 O-Ring	-6 O-Ring



**Straight A.N. Male to NPT Male**



Blue	Male A.N.	Male NPT
981602	-2	1/8
981603	-3	1/8
981643	-3	1/4
981604	-4	1/8
981644	-4	1/4
981646	-4	3/8
981662	-6	1/8
981606	-6	1/4
981666	-6	3/8
981688	-6	1/2
981607	-8	1/4
981608	-8	3/8
981688	-8	1/2
981609	-10	3/4
981610	-10	1/2
981611	-10	3/8
981612	-12	3/4
981613	-12	1/2
981614	-12	1
981615	-16	3/4
981618	-16	1
981621	-20	1
981620	-20	1-1/4
981625	-24	1-1/4

**Straight NPT Male to NPT Male Nipple**



Blue	Male NPT	Male NPT
991101	1/8	1/8
991102	1/4	1/4
991103	3/8	3/8
991104	1/2	1/2
991106	3/4	3/4

**45° A.N. Male to NPT Male**



Blue	Male A.N.	Male NPT
982303	-3	1/8
982304	-4	1/8
982344	-4	1/4
982362	-6	1/8
982306	-6	1/4
982366	-6	3/8
982368	-6	1/2
982307	-8	1/4
982308	-8	3/8
982388	-8	1/2
982311	-10	3/8
982310	-10	1/2
982309	-10	3/4
982313	-12	1/2
982312	-12	3/4
982316	-16	1

**Straight A.N. Fem. Swivel to NPT Male**



Blue	Female A.N.	Male NPT
916103	-3	1/8
916104	-4	1/8
916144	-4	1/4
916162	-6	1/8
916166	-6	3/8
916106	-6	1/4
916107	-8	1/4
916108	-8	3/8
916188	-8	1/2
916111	-10	3/8
916110	-10	1/2
916112	-12	3/4
916113	-12	1/2

**90° A.N. Male to NPT Male**



Blue	Male A.N.	Male NPT
982231	-3	1/16
982203	-3	1/8
982204	-4	1/8
982244	-4	1/4
982262	-6	1/8
982206	-6	1/4
982266	-6	3/8
982268	-6	1/2
982207	-8	1/4
982208	-8	3/8
982288	-8	1/2
982211	-10	3/8
982210	-10	1/2
982209	-10	3/4
982213	-12	1/2
982212	-12	3/4
982215	-16	3/4
982216	-16	1
982221	-20	1
982220	-20	1-1/4
982224	-24	1-1/4
9822424	-24	1-1/2

**Straight NPT Fem. to NPT Fem. Adapter**



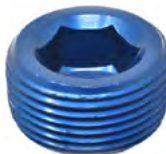
Blue	Female NPT	Female NPT
991001	1/8	1/8
991002	1/4	1/4
991003	3/8	3/8
991004	1/2	1/2
991006	3/4	3/4

**90° NPT Fem. to NPT Fem. Adapter**



Blue	Female NPT	Female NPT
991601	1/8	1/8
991602	1/4	1/4
991603	3/8	3/8
991604	1/2	1/2
991606	3/4	3/4

**NPT Male Plug w/ Internal Wrenching**



Blue	Male NPT
593201	1/16
593202	1/8
593203	1/4
593204	3/8
993205	1/2
993206	3/4

**NPT Fem. Tee**



Blue	Female NPT	Female NPT	Female NPT
991704	1/2	1/2	1/2
991706	3/4	3/4	3/4

**A.N. Male Tee w/ NPT Male on Side**



Blue	Male A.N.	Male A.N.	Male NPT
982603	-3	-3	1/8
982604	-4	-4	1/8
982606	-6	-6	1/4
982608	-8	-8	3/8
982610	-10	-10	1/2
982612	-12	-12	3/4
982616	-16	-16	1
982617	-16	-16	3/4

**NPT Male to NPT Fem. Reducer Bushing**



Blue	Male NPT	Female NPT
991201	1/4	1/8
991203	3/8	1/8
991202	3/8	1/4
991206	1/2	1/8
991205	1/2	1/4
991204	1/2	3/8
991209	3/4	1/4
991208	3/4	3/8
991207	3/4	1/2
991212	1	3/8
991211	1	1/2
991210	1	3/4
991213	1-1/4	3/4

**A.N. Male Tee w/ NPT Male on Side**



Blue	Male A.N.	Male A.N.	Male NPT
982503	-3	-3	1/8
982504	-4	-4	1/8
982506	-6	-6	1/4
982508	-8	-8	3/8
982510	-10	-10	1/2
982512	-12	-12	3/4
982520	-20	-20	1-1/4





A.N. Related Aluminum

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Straight A.N. Male to A.N. Male



Blue	Male A.N.	Male A.N.
981503	-3	-3
981504	-4	-4
981506	-6	-6
981508	-8	-8
981510	-10	-10
981512	-12	-12
981516	-16	-16
981520	-20	-20
981524	-24	-24
981532	-32	-32

Straight A.N. Fem. Swivel Coupling



Blue	Female A.N.	Female A.N.
915103	-3	-3
915104	-4	-4
915106	-6	-6
915108	-8	-8
915110	-10	-10
915112	-12	-12
915116	-16	-16
915120	-20	-20

45° Forged A.N. Fem. Swivel to A.N. Fem. Swivel



Blue	Female A.N.	Female A.N.
939103	-3	-3
939104	-4	-4
939106	-6	-6
939108	-8	-8
939110	-10	-10
939112	-12	-12
939116	-16	-16

A.N. Male to A.N. Male Reducer



Blue	Male A.N.	Male A.N.
991902	-4	-3
991903	-5	-4
991906	-6	-4
991907	-6	-5
991912	-8	-6
991914	-10	-6
991915	-10	-8
991918	-12	-8
991919	-12	-8
991920	-12	-10
991922	-16	-10
991923	-16	-12
991924	-20	-16

45° Forged A.N. Fem. Swivel to A.N. Male



Blue	Female A.N.	Male A.N.
924103	-3	-3
924104	-4	-4
924106	-6	-6
924108	-8	-8
924110	-10	-10
924112	-12	-12

A.N. Male 3-Way Tee



Blue	Male A.N.	Male A.N.	Male A.N.
982403	-3	-3	-3
982404	-4	-4	-4
982406	-6	-6	-6
982408	-8	-8	-8
982410	-10	-10	-10
982412	-12	-12	-12
982416	-16	-16	-16

90° A.N. Male to A.N. Male



Blue	Male A.N.	Male A.N.
982103	-3	-3
982104	-4	-4
982106	-6	-6
982108	-8	-8
982110	-10	-10
982112	-12	-12
982116	-16	-16
982120	-20	-20

90° Forged A.N. Fem. Swivel to A.N. Male



Blue	Female A.N.	Male A.N.
921103	-3	-3
921104	-4	-4
921106	-6	-6
921108	-8	-8
921110	-10	-10
921112	-12	-12
921116	-16	-16

90° Forged A.N. Fem. Swivel to A.N. Fem. Swivel



Blue	Female A.N.	Female A.N.
934103	-3	-3
934104	-4	-4
934106	-6	-6
934108	-8	-8
934110	-10	-10
934112	-12	-12
934116	-16	-16
934120	-20	-20

TECHLINE: 310-542-6435



A.N. Related Aluminum

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A.N. Male Tee w/ A.N. Fem. Swivel on Side



Blue	Male A.N.	Male A.N.	Female A.N.
925103	-3	-3	-3
925104	-4	-4	-4
925106	-6	-6	-6
925108	-8	-8	-8
925110	-10	-10	-10
925112	-12	-12	-12
925116	-16	-16	-16

Straight A.N. Male to A.N. Male Bulkhead



Blue	Male A.N.	Male A.N.
983203	-3	-3
983204	-4	-4
983206	-6	-6
983208	-8	-8
983210	-10	-10
983212	-12	-12
983216	-16	-16
983220	-20	-20
983224	-24	-24
983232	-32	-32

A.N. Bulkhead Nut



Blue	A.N. Size	Per Pkg
592403	-3	2
592404	-4	2
592406	-6	2
992408	-8	1
992410	-10	1
992412	-12	1
992416	-16	1
992420	-20	1
992424	-24	1
992432	-32	1

A.N. Male 4-Way Cross



Blue	Male A.N.
982703	-3
982704	-4
982705	-5
982706	-6
982708	-8
982710	-10
982720	-20

45° A.N. Male to A.N. Male Bulkhead



Blue	Male A.N.	Male A.N.
983703	-3	-3
983704	-4	-4
983706	-6	-6
983708	-8	-8
983710	-10	-10
983712	-12	-12

A.N. Male 3-Way Bulkhead Tee



Blue	Male A.N.	Male A.N.	Male A.N.
983403	-3	-3	-3
983404	-4	-4	-4
983406	-6	-6	-6
983408	-8	-8	-8
983410	-10	-10	-10
983412	-12	-12	-12

A.N. Male Tee w/ A.N. Fem. Swivel on Run



Blue	Male A.N.	Male A.N.	Female A.N.
926103	-3	-3	-3
926104	-4	-4	-4
926106	-6	-6	-6
926108	-8	-8	-8
926110	-10	-10	-10
926112	-12	-12	-12
926116	-16	-16	-16

90° A.N. Male to A.N. Male Bulkhead



Blue	Male A.N.	Male A.N.
983302	-2	-2
983303	-3	-3
983304	-4	-4
983306	-6	-6
983308	-8	-8
983310	-10	-10
983312	-12	-12
983316	-16	-16
983320	-20	-20

A.N. Male 3-Way Bulkhead Tee on Run



Blue	Male A.N.	Male A.N.	Male A.N.
980403	-3	-3	-3
980404	-4	-4	-4
980406	-6	-6	-6
980408	-8	-8	-8
980410	-10	-10	-10
980412	-12	-12	-12

TECHLINE: 310-542-6435



A.N. Cap



Blue	Female A.N.
592902	-2
592903	-3
592904	-4
592906	-6
992908	-8
992910	-10
992912	-12
992916	-16
992920	-20
992924	-24

A.N. Port Thread Male Plug



Blue	Port Thread	Per Pkg
581403	-3 O-Ring	2
581404	-4 O-Ring	2
581406	-6 O-Ring	2
981408	-8 O-Ring	1
981410	-10 O-Ring	1
981412	-12 O-Ring	1
981416	-16 O-Ring	1

A.N. Male Plug



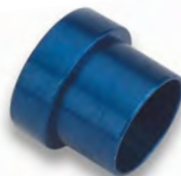
Blue	Male A.N.	Per Pkg
580602	-2	2
580603	-3	2
580604	-4	2
580606	-6	2
980608	-8	1
980610	-10	1
980612	-12	1
980616	-16	1
980620	-20	1

A.N. Tube Nut



Blue	Female A.N.	Tube Size	Per Pkg
581802	-2	1/8	2
581803	-3	3/16	2
581804	-4	1/4	2
581806	-6	3/8	2
981808	-8	1/2	1
981810	-10	5/8	1
981812	-12	3/4	1
981816	-16	1	1
981820	-20	1-1/4	1

A.N. Tube Sleeve



Blue	Tube Size	Per Pkg
581902	1/8	2
581903	3/16	2
581904	1/4	2
581906	3/8	2
981908	1/2	1
981910	5/8	1
981912	3/4	1
981916	1	1
981920	1-1/4	1
AN819-40D	2-1/2	1

Professional Grade 304 Stainless Steel Annealed Tubing



SKU	Tube Size	Wall Thickness	Length
316HL-1	3/16	.028"	1ft
14HL-1	1/4	.028"	1ft
516HL-1	5/16	.028"	1ft
38HL-1	3/8	.028"	1ft
12HL-1	1/2	.032"	1ft
58HL-1	5/8	.032"	1ft
316HL-2	3/16	.028"	2ft
14HL-2	1/4	.028"	2ft
516HL-2	5/16	.028"	2ft
38HL-2	3/8	.028"	2ft
12HL-2	1/2	.032"	2ft
58HL-2	5/8	.032"	2ft
316HL-3	3/16	.028"	3ft
14HL-3	1/4	.028"	3ft
516HL-3	5/16	.028"	3ft
38HL-3	3/8	.028"	3ft
12HL-3	1/2	.032"	3ft
58HL-3	5/8	.032"	3ft
316HL-4	3/16	.028"	4ft
14HL-4	1/4	.028"	4ft
516HL-4	5/16	.028"	4ft
38HL-4	3/8	.028"	4ft
12HL-4	1/2	.032"	4ft
58HL-4	5/8	.032"	4ft

SKU	Tube Size	Wall Thickness	Length
316HL-5	3/16	.028"	5ft
14HL-5	1/4	.028"	5ft
516HL-5	5/16	.028"	5ft
38HL-5	3/8	.028"	5ft
12HL-5	1/2	.032"	5ft
58HL-5	5/8	.032"	5ft
316HL-6	3/16	.028"	6ft
14HL-6	1/4	.028"	6ft
516HL-6	5/16	.028"	6ft
38HL-6	3/8	.028"	6ft
12HL-6	1/2	.032"	6ft
58HL-6	5/8	.032"	6ft
316HL-7	3/16	.028"	7ft
14HL-7	1/4	.028"	7ft
516HL-7	5/16	.028"	7ft
38HL-7	3/8	.028"	7ft
12HL-7	1/2	.032"	7ft
58HL-7	5/8	.032"	7ft
316HL-8	3/16	.028"	8ft
14HL-8	1/4	.028"	8ft
516HL-8	5/16	.028"	8ft
38HL-8	3/8	.028"	8ft
12HL-8	1/2	.032"	8ft
58HL-8	5/8	.032"	8ft

We offer this professional grade ANNEALED 304 Stainless Steel Tubing in straight lengths of up to 20 feet in length in store. ( For UPS or Fed Ex orders the max length that can be shipped is in 8 foot long increments or less.) **PLEASE NOTE: Our Stainless Steel tubing is carefully sourced and inspected to insure its quality and longevity in use. Unlike low quality, off-shore Stainless Steel tubing, which tends to be cheaper in price and primarily offered in 20 & 25 foot coils, our tubing is guaranteed to perform.** Easy to form in single or double flare. (double flare requires high quality forming tool). Emission Code 5.



Easy Form Hard Line Coil (Ni-Copp)



Copper	Tube Size	Wall Thickness	Length
NC631625ERL	3/16	.028"	25ft
NC641625ERL	1/4	.028"	25ft
NC651625ERL	5/16	.028"	25ft
NC661625ERL	3/8	.028"	25ft

Easy Form Hard Line Coil w/ Tube Nuts (Ni-Copp)



Copper	Tube Size	Wall Thickness	Length	Tube Nuts Included
NC6316KERL	3/16	.028"	25ft	(10) 3/8"-24, (2) 7/16"-24, (2) 9/16"-18, (2) 1/2"-20.
NC6416KERL	1/4	.028"	25ft	(5) 7/16"-24 Short, (2) 7/16"-24 Long, (2) 9/16"-18, (2) 1/2"-20.
NC6516KERL	5/16	.028"	25ft	(10) 1/2"-20
NC6616KERL	3/8	.028"	25ft	(10) 1/2"-20

Easy-Form Ni-Copp tubing is made from a copper-nickel alloy that is as strong as steel, but much easier to bend and flare. This alloy is approximately 90% copper and 10% nickel, and should not be confused with typical copper tubing found at hardware stores. The copper-nickel blend is much easier to form (so easy that it does not require a tubing bender, it can be bent and formed with just your hands). This type of copper-nickel alloy brake tubing has been used since the 1970's on OEM vehicles including Volvo®, Audi®, and Porsche®. Easy-Form doesn't rust or corrode and is DOT approved for use on hydraulic brake systems. Emission Code 5.

Olive Hard Line Coil - Steel



Olive	Line Size	Length
ZZ631625ERL	3/16	25ft
ZZ641625ERL	1/4	25ft
ZZ651625ERL	5/16	25ft
ZZ661625ERL	3/8	25ft

Olive Hard Line Coil w/ Tube Nuts - Steel



Copper	Tube Size	Length	Tube Nuts Included
ZZ6316KERL	3/16	25ft	(10) 3/8"-24, (2) 7/16"-24, (2) 9/16"-18, and (2) 1/2"-20.
ZZ6416KERL	1/4	25ft	(5) 7/16"-24 short, (5) 7/16"-24 long, (2) 9/16"-18, and (2)
ZZ6516KERL	5/16	25ft	(10) 1/2"-20
ZZ6616KERL	3/8	25ft	(10) 5/8"-18.

Earl's steel hardline is a double wall low carbon steel, copper brazed tubing that has an olive PVF coating. The olive coating is a PVF (poly-vinyl-fluorine) material that provides superior corrosion protection and is ideal for vehicles that are exposed to snow, salt, salt air, gravel or other harsh environments. Emission Code 5.

Zinc Hard Line Coil - Steel



Olive	Line Size	Length
ZC631625ERL	3/16	25ft
ZC641625ERL	1/4	25ft
ZC651625ERL	5/16	25ft
ZC661625ERL	3/8	25ft

Zinc Hard Line Coil w/ Tube Nuts - Steel



Copper	Tube Size	Length	Tube Nuts Included
ZC6316KERL	3/16	25ft	(10) 3/8"-24, (2) 7/16"-24, (2) 9/16"-18, and (2) 1/2"-20.
ZC6416KERL	1/4	25ft	(5) 7/16"-24 short, (5) 7/16"-24 long, (2) 9/16"-18, and (2)
ZC6516KERL	5/16	25ft	(10) 1/2"-20
ZC6616KERL	3/8	25ft	(10) 5/8"-18.

Earl's steel hardline is a double wall low carbon steel, copper brazed tubing that is Zinc plated. The zinc plated tubing provides great corrosion resistance and good value. Emission Code 5.

Hard Line Coil - Aluminum



Aluminum	Tube Size	Wall Thickness	Length
100034ERL	3/8	.028"	10ft
120034ERL	3/8	.028"	20ft
130034ERL	3/8	.028"	30ft
100037ERL	1/2	.028"	10ft
120037ERL	1/2	.028"	20ft
130037ERL	1/2	.028"	30ft

ANNEALED ALUMINUM TUBING is easily hand-formed to virtually any requirement. The tubing can be used with compression fittings and can be flared for use with AN tube nuts and AN tube sleeves Emission Code 5.



Double Flaring Tool



Black	Description
038ERL	Flaring Tool, Positioning Bolt, Op1 / Op 2 Punch, and Die Lubricant

Professional Flaring Tool



001ERL

002ERL

Black	Description
001ERL	37 and 45 Deg. and DIN Flares. With Bench Mounting Flange.
002ERL	37 Deg. Flare. With Bench Mounting Flange.

Mini Tubing Straightener & Vise Mounting Bracket



Black	Description
039ERL	Use with 3/16" & 1/4" tubing. Use with steel, copper, and stainless.
040ERL	Vise Mounting Bracket for 039ERL Tubing Straightener

Stat-O-Seal



Aluminum	I.D.	A.N. Size	Per Pkg
890203	3/16"		2
890204	1/4"		2
890205	5/16"		2
890206	3/8"	-3	2
890207	7/16"	-4	2
890208	1/2"	-5	2
890209	9/16"	-6	2
890210	5/8"		2
890212	3/4"	-8	2
890214	7/8"	-10	2
890216	1"		2

Conical Seals



Aluminum	A.N. Size
820103	-3
820104	-4
820106	-6
820108	-8
820110	-10
820112	-12
820116	-16
820120	-20

A.N. O-Rings



(Viton) FKM	EPR	A.N. Size	Per Pkg
802003	803003	-3	10
802004	803004	-4	10
802006	803006	-6	10
802008	803008	-8	10
802010	803010	-10	10
802012	803012	-12	10
802016	803016	-16	5
802020	803020	-20	5

A.N. O-Rings for Clamshell Quick Disconnect



(Viton) FKM	EPR	A.N. Size	Per Pkg
802015	803015	-8	1
802017	803017	-10	1
802117	803117	-12	1
802214	803214	-16	1
802218	803218	-20	1
802222	803222	-24	1
802224	803224	-28	1
802226	803226	-32	1
802228	803228	-36	1
802230	803230	-40	1
802234	803234	-48	1
802238	803238	-56	1
802242	803242	-64	1

Metric Crush Washers



Aluminum	I.D.	Per Pkg
89081410	8mm	1
89101610	10mm	1
89121815	12mm	1
89142015	14mm	1
89162215	16mm	1
89182415	18mm	1
89202615	20mm	1
89303820	30mm	1



## Hose Finisher

### Single-Ended B-Nut Wrench



Aluminum	B-Nut		
750003XRP	-3	750012XRP	-12
750004XRP	-4	750016XRP	-16
750006XRP	-6	750020XRP	-20
750008XRP	-8	750024XRP	-24
750010XRP	-10	750032XRP	-32
		750001XRP	-3 to -20



Black	Red	Blue	Nickel	Hose Size	Clamp I.D.
550404	550104	550204	550304	-4	1/2
550406	550106	550206	550306	-6	5/8
550408	550108	550208	550308	-8	11/16
550410	550110	550210	550310	-10	7/8
550412	550112	550212	550312	-12	1
550414	550114	550214	550314	-14	1-1/8
550416	550116	550216	550316	-16	1-3/16

### Cushioned Adel Clamp



Black	Hose O.D.	Per Pkg
171003ERL	3/16	10
171004ERL	1/4	10
171005ERL	5/16	10
171006ERL	3/8	10
171008ERL	1/2	5
171010ERL	5/8	5
171012ERL	3/4	5
171014ERL	7/8	5
171016ERL	1	5
171024ERL	1-1/2	2
171028	1-3/4	2
171030	1-7/8	2
171032ERL	2	2

## Line Separator



Black	Red	Blue	Polished	I.D.	Per Pkg
167503ERL	167003ERL	167103ERL	167203ERL	3/16	3
167504ERL	167004ERL	167104ERL	167204ERL	1/4	3
167505ERL	167005ERL	167105ERL	167205ERL	5/16	3
167506ERL	167006ERL	167106ERL	167206ERL	3/8	2
167507ERL	167007ERL	167107ERL	167207ERL	7/16	2
167508ERL	167008ERL	167108ERL	167208ERL	1/2	2
167509ERL	167009ERL	167109ERL	167209ERL	9/16	2
167510ERL	167010ERL	167110ERL	167210ERL	5/8	2
167511ERL	167011ERL	167111ERL	167211ERL	11/16	2
167512ERL	167012ERL	167112ERL	167212ERL	3/4	2
167513ERL	167013ERL	167113ERL	167213ERL	13/16	2
167514ERL	167014ERL	167114ERL	167214ERL	7/8	2
167515ERL	167015ERL	167115ERL	167215ERL	15/16	2
167516ERL	167016ERL	167116ERL	167216ERL	1	2
167519ERL	167019ERL	167119ERL	167219ERL	17/32	2
167522ERL	167022ERL	167122ERL	167222ERL	21/32	2

## Accessories



### Single-Ended B-Nut Wrench



Black	B-Nut
ANW-06	-6
ANW-08	-8
ANW-10	-10
ANW-12	-12
ANW-16	-16
ANW-01	-6 to -16

### T-Bolt Clamp

Stainless	Min. Dia.	TB363SS	3.63"
TB125SS	1.25"	TB375SS	3.75"
TB138SS	1.38"	TB400SS	4.00"
TB150SS	1.50"	TB425SS	4.25"
TB163SS	1.63"	TB450SS	4.50"
TB175SS	1.75"	TB475SS	4.75"
TB188SS	1.88"	TB500SS	5.00"
TB200SS	2.00"	TB525SS	5.25"
TB213SS	2.13"	TB550SS	5.50"
TB225SS	2.25"	TB575SS	5.75"
TB238SS	2.38"	TB600SS	6.00"
TB250SS	2.50"	TB625SS	6.25"
TB275SS	2.75"	TB650SS	6.50"
TB300SS	3.00"	TB675SS	6.75"
TB313SS	3.13"	TB700SS	7.00"
TB325SS	3.25"	TB725SS	7.25"
TB338SS	3.38"	TB750SS	7.50"
TB350SS	3.50"	TB775SS	7.75"
		TB800SS	8.00"



### 7075 Alloy Adjustable Wrenches



Black	A.N. Size
230350ERL	-3 to -8
230400ERL	-3 to -16

### Hose Finishers



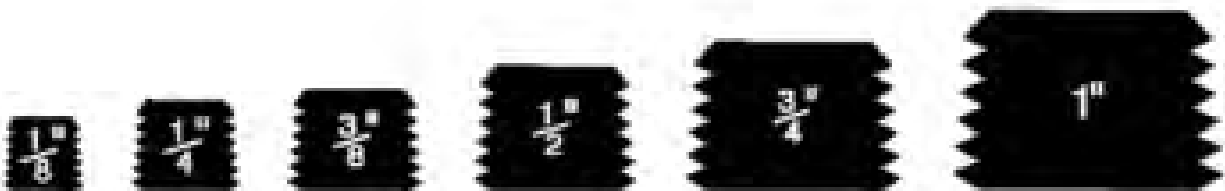
Black	Red	Blue	Chrome	Hose Size	Clamp I.D.
900504ERL	900104ERL	900204ERL	900304ERL	-4	1/2
900505ERL	900105ERL	900205ERL	900305ERL	-5	35/64
900506ERL	900106ERL	900206ERL	900306ERL	-6	5/8
900507ERL	900107ERL	900207ERL	900307ERL	-7	21/32
900508ERL	900108ERL	900208ERL	900308ERL	-8	11/16
900510ERL	900110ERL	900210ERL	900310ERL	-10	13/16
900512ERL	900112ERL	900212ERL	900312ERL	-12	15/16
900514ERL	900114ERL	900214ERL	900314ERL	-14	1-1/8
900516ERL	900116ERL	900216ERL	900316ERL	-16	1-3/16
900518ERL	900118ERL	900218ERL	900318ERL	-18	1-3/8
900520ERL	900120ERL	900220ERL	900320ERL	-20	1-1/2
900524ERL	900124ERL	900224ERL	900324ERL	-24	1-3/4
900528ERL	900128ERL	900228ERL	900328ERL	-28	1-15/16
900532ERL	900132ERL	900232ERL	900332ERL	-32	2-3/16
900534ERL	900134ERL	900234ERL	900334ERL	-34	2-5/16
900536ERL	900136ERL	900236ERL	900336ERL	-36	2-3/8



A.N. Size	Tube O.D.	Thread Size
-2	1/8	5/16-24 SAE
-3	3/16	3/8-24 SAE
-4	1/4	7/16-20 SAE
-5	5/16	1/2-20 SAE
-6	3/8	9/16-18 SAE
-8	1/2	3/4-16 SAE
-10	5/8	7/8-14 SAE
-12	3/4	1 1/16-12 SAE
-16	1/2	1-5/16-12 SAE
-20	1-1/4	1-5/8-12 SAE
-24	1-1/2	1-7/8-12 SAE
-28	1-3/4	2-1/4-12 SAE
-32	2	2-1/2-12 SAE



Pipe Thread	Threads per Inch	I.D. of Ftg.	Closest A.N. Size
1/16"	27	1/16"	
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
1-1/2"	11-1/2	1-1/2"	-24
2"	11-1/2	2"	-32



Return Policy

ALL RETURNS AND EXCHANGES MUST BE APPROVED BEFOREHAND AND ISSUED AN R.G.A # FOR YOU TO RECEIVE STORE CREDIT. Packages without an R.G.A clearly visible on the outside of the box will be returned to you postage collect. The return shipping cost is your responsibility unless the merchandise was damaged or defective or was received in error. ALL PARTS ARE INTENDED FOR TRACK USE ONLY AND IN MANY CASES WILL VOID YOUR WARRANTY AND INSURANCE POLICIES. INSTALL ALL ITEMS AT YOUR OWN RISK. BE ADVISED YOU ARE PURCHASING ITEMS THAT ARE NOT D.O.T, F.A.A or COAST GUARD APPROVED. ALL APPROVED RETURNS ARE FOR STORE CREDIT ONLY.

The following parts are not returnable for exchange or store credit:

Oil coolers, Hose, Pre made hoses, Part numbers beginning with "MS", "AN" or containing a "C", "J" or "D", Tools, Filters, Pumps, Surplus & liquidation Items, Aircraft Hardware items.

A 25% RESTOCK FEE APPLIES TO ALL RETURNS FOR EXCHANGE OR FUTURE STORE CREDIT.

Warranty Policy

ANplumbing.com endeavors to offer its carried product lines of hose, hose ends and adapters as the highest level of products offered in the genre. In-house assemblies are tested, welded components are pressure tested, machined parts are inspected prior to assembly, and all pre-assembled hoses are reinspected prior to shipment. All products sold by ANplumbing.com are subject to the following warranty at time of shipment: ANplumbing.com warrants that said products will be free from defects in material and workmanship for 90 days. This warranty is limited to the repair or replacement of said products and in no event shall this warranty exceed the original purchase price of the products, nor shall ANplumbing.com be responsible for special, incidental or consequential damages. This warranty does not apply to any product subjected to damage in transit, accident, misuse, or abuse following the date of original purchase. ANplumbing.com reserves the sole and exclusive right to determine if the defect is due to material and/or workmanship or other cause. Any product believed to be defective should be returned immediately. It is expressly understood and agreed that this warranty shall be in lieu of all warranties of fitness and in lieu of the warranty of merchantability and there are no other warranties, express or implied.



**Parts and Labor**

Parts and labor are sold on a development basis. CANCER & REPRODUCTIVE HARM on all items. ALL PARTS ARE INTENDED FOR TRACK USE ONLY AND IN MANY CASES WILL VOID YOUR WARRANTY AND INSURANCE POLICIES. INSTALL ALL ITEMS AT YOUR OWN RISK. BE ADVISED YOU ARE PURCHASING ITEMS THAT ARE NOT D.O.T, F.A.A or COAST GUARD APPROVED. (www.p65warning.CA.GOV)

**Domestic Orders**

Free shipping is currently offered on orders \$125 or more\*. Once shipped, please allow up to 7-10 business days for your order to be delivered when standard ground or postal shipping option is chosen. Delivery times will vary depending on weather and location. If you wish to receive your order sooner, you can upgrade freight by choosing from the variety of shipping options we offer. For orders shipping free of charge we will choose from all of our subscribed services available in your area. (\*Free shipping thresholds may change without notice)

**B2B Wholesale**

For customers with B2B wholesale default pricing, free shipping will be based on what discount group you are in. Please contact us for those price brackets to see at what level your free shipping occurs.

**Domestic shipping**

Domestic shipping can either be via UPS, FedEx, or US Postal Service (USPS). Orders going to APO/FPO, Hawaii, Alaska, Puerto Rico and other US territories can only be shipped via USPS. The shipping charge is automatically calculated upon checkout and is dependent on the weight of the items, your shipping address, and how soon you need it.

Domestic orders with Express Shipping (UPS NEXT DAY, & 2nd DAY AIR, or FedEx Overnight and FedEx 2-day) will ship same day unless otherwise notified by email or phone. If you selected 2-day shipping on a Thursday or overnight shipping on a Friday, the order will usually get delivered on the next business day. If you wish to choose Saturday delivery, please put a note on special instructions. There will be an additional charge for this option which will depend on your shipping address. This option may not be available to some addresses. US Postal Service is usually the cheapest option, however there is no guarantee with delivery timing. Please note that US Postal Service shipping option is not the same as UPS 2nd day air or FedEx 2-day shipping. Due to current domestic and global conditions, no timing guarantees are being offered by any of the freight services due to the current global logistics crisis.

**International Shipping**

We ship internationally via FedEx International Economy or Priority, or USPS-EMS. It can take up to 10 days to process and ship international orders.

**For Tracking:**

Log in to your ANPlumbing.com account or go directly to the following websites:

UPS: <http://www.ups.com> or Call 1-800-PICK-UPS.

FedEx: <http://www.fedex.com> or Call 1-800-Go-FedEx.

USPS: <http://www.usps.com> or 1-800-ASK-USPS®

All Orders that are received weekdays before 11:30 am Pacific Time (2:30 pm Eastern Time) will ship as follows:

GROUND & ALL US Postal Service Shipping orders will usually ship within 1-4 business days. We do not process shipments on weekends.

Tracking numbers will be automatically sent to your email. Make sure to check your spam file for our emails. 99% of orders ship complete within 1-3 days. If there is an issue with your order, you will be informed via phone or email of the expected availability date. We can ship a partial shipment if need be. For partial shipments, backordered items ship free of freight charges when they become available.

Most tracking numbers update within 24 hours, however US Postal can take up to 3 days to update in their system. Once an order leaves our warehouse, we do not have control over it. For any issues with shipping such as an order getting lost, please contact us so we can file a claim on your behalf.

**Privacy Policy**

WE ARE COMMITTED FIRST AND FOREMOST TO YOUR ANONYMITY AND PROTECTING YOUR PRIVACY.

We use your information only to process your orders. Unlike other online order sites and stores, we do not sell your info to direct mailing houses. We also assure you that we only keep your information for the processing of your orders. You will never receive a mailer from us, you also will never receive junk emails from us, and you will never receive sales calls other than to deal with your orders from us.

Additionally, we do not do business with off-shore call centers or financial institutions that have call centers off-shore. All of our bank and technical advisors are on U.S. Soil and will remain that way. We hope that you share our passion for privacy in today's increasingly hostile environment to personal privacy. We also hope that you share our passion to put America first in everything we do.

Thank you for your patronage.







**For a wider selection and most current pricing, visit our online catalog for more information.**

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Sat. 9am-1pm

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