

AUTO-FIT™ HOSE ENDS

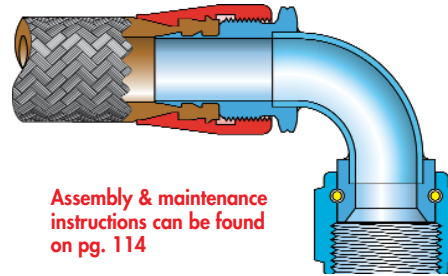
HOSE & HOSE ENDS

Earl's Auto-Fit™ design provides the reliability and appearance of Swivel-Seal™ but are easier to assemble and less expensive.

With the conventional single nipple hose end design used by some of our competitors, the nipple actually threads into the hose and is retained by the socket. The thread forms a part of the seal—and a possible spiral leak path.

The Auto-Fit™ nipple is barbed rather than threaded. In assembly the nipple is pushed into rather than threaded into the hose. The hose is compressed between the nipple and the socket, sealing at the barbs. Hose retention is positive (the same as SWIVEL-SEAL™) and there is no spiral path for possible leaks.

Auto-Fit™ hose ends are available in aluminum, steel and stainless steel. The lightweight aluminum hose ends are suitable for most applications. Steel Auto-Fit™ hose ends should be used when increased physical strength and/or where resistance to alcohol fuels is required. The stainless units offer maximum corrosion and temperature resistance and are recommended for marine or chemical use and for exotic fuels.



Assembly & maintenance instructions can be found on pg. 114

Hose end specifications can be found on pg. 124

Replacement sockets can be found on pg. 19

Size	Typical Application
4	Fuel Lines, Fuel and Oil Pressure Gauges
6	Fuel Lines
8	Fuel, Remote Oil I Filter Lines
10	Dry Sump, Remote Oil Filter Lines
12	Dry Sump, Remote Oil Filter Lines
16	Dry Sump & Water Lines
20	Water Lines
24	Water Lines



SWIVEL-SEAL hose ends are designed to be used with Earl's PERFORM-O-FLEX™, PRO-LITE 350™ and AUTO-FLEX™ braid-protected hose. Not intended for use on any other Earl's hose. Use with other manufacturers' hose is not recommended.

STRAIGHT FITTINGS



HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE	ALUMINUM	STEEL	STAINLESS
			PART #	PART #	PART #
4	4	4	300104ERL	400104ERL	490104ERL
6	6	6	300106ERL	400106ERL	490106ERL
8	8	8	300108ERL	400108ERL	490108ERL
10	10	10	300110ERL	-	490110ERL
12	12	12	300112ERL	-	490112ERL*
16	16	16	300116ERL	-	490116ERL*
20	20	20	300120ERL	-	490120ERL*
24	24	24	300124ERL	-	490124ERL*

45° BENT TUBE FITTINGS



HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE	ALUMINUM	STEEL	STAINLESS
			PART #	PART #	PART #
4	4	4	304604ERL	404604ERL	494604ERL
6	6	6	304606ERL	404606ERL	494606ERL
8	8	8	304608ERL	404608ERL	494608ERL
10	10	10	304610ERL	-	494610ERL
12	12	12	304612ERL	-	494612ERL*
16	16	16	304616ERL	-	494616ERL*
20	20	20	304620ERL	-	494620ERL*
24	24	24	304624ERL	-	494624ERL*

* Available on a Special Order basis only.

AUTO-FIT™ HOSE ENDS

HOSE & HOSE ENDS

90° BENT TUBE FITTINGS



HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE	ALUMINUM PART #	STEEL PART #	STAINLESS PART #
4	4	4	309104ERL	409104ERL	499104ERL
6	6	6	309106ERL	409106ERL	499106ERL
8	8	8	309108ERL	409108ERL	499108ERL
10	10	10	309110ERL	-	499110ERL
12	12	12	309112ERL	-	499112ERL*
16	16	16	309116ERL	-	499116ERL*
20	20	20	309120ERL	-	499120ERL*
24	24	24	309124ERL	-	499124ERL*

120° BENT TUBE FITTINGS



HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE	ALUMINUM PART #	STEEL PART #	STAINLESS PART #
4	4	4	312004ERL	412004ERL	492004ERL
6	6	6	312006ERL	412006ERL	492006ERL
8	8	8	312008ERL	-	492008ERL
10	10	10	312010ERL	-	492010ERL
12	12	12	312012ERL	-	492012ERL*
16	16	16	312016ERL	-	492016ERL*
20	20	20	312020ERL*	-	492020ERL*
24	24	24	312024ERL*	-	492024ERL*

150° BENT TUBE FITTINGS



HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE	ALUMINUM PART #	STEEL PART #	STAINLESS PART #
4	4	4	315004ERL	415004ERL	495004ERL
6	6	6	315006ERL	415006ERL	495006ERL
8	8	8	315008ERL	-	495008ERL
10	10	10	315010ERL	-	495010ERL
12	12	12	315012ERL	-	495012ERL*
16	16	16	315016ERL	-	495016ERL*
20	20	20	315020ERL*	-	495020ERL*
24	24	24	315024ERL*	-	495024ERL*

180° BENT TUBE FITTINGS



HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE	ALUMINUM PART #	STEEL PART #	STAINLESS PART #
4	4	4	318004ERL	418004ERL	498004ERL
6	6	6	318006ERL	418006ERL	498006ERL
8	8	8	318008ERL	-	498008ERL
10	10	10	318010ERL	-	498010ERL
12	12	12	318012ERL	-	498012ERL*
16	16	16	318016ERL	-	498016ERL*
20	20	20	318020ERL*	-	498020ERL*
24	24	24	318024ERL*	-	498024ERL*

* Available on a Special Order basis only.

tech line: 310-609-1602

AUTO-FIT™ HOSE ENDS

UNANODIZED

HOSE & HOSE ENDS

Put away the oven and wheel cleaners for good! Earl's "UP" (unanodized - polished) Auto-Fit™ hose ends are tumble polished without anodizing so you can plate them any color you want to complete that custom plumbing system. You could also have them clear coated to keep that natural look of polished aluminum. We have replaced the stainless retaining pin in the female B-nut with an aluminum pin so you do not have to disassemble the nut from the body before plating. "UP" hose ends and adapters are the solution to that finishing touch to a custom system.



Auto-Fit hose ends are designed to be used with Perform-O-Flex™ & Auto-Flex™ hose. They are not recommended for use with any other manufacturers' hose. Before purchasing a single-nipple hose end that merely "looks good", check the pressure ratings of Auto-Fit™ hose ends when used with Perform-O-Flex™ and Auto-Flex™ hose.

NOTE: Unanodized hose ends and adapters must be clear coated or anodized before assembly.

STRAIGHT (unanodized)
UP3001__ERL



UNANODIZED PART NO.	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
UP300104ERL	4	4	4
UP300106ERL	6	6	6
UP300108ERL	8	8	8
UP300110ERL	10	10	10
UP300112ERL	12	12	12
UP300116ERL	16	16	16

45° (unanodized)
UP3046__ERL



UNANODIZED PART NO.	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
UP304604ERL	4	4	4
UP304606ERL	6	6	6
UP304608ERL	8	8	8
UP304610ERL	10	10	10
UP304612ERL	12	12	12
UP304616ERL	16	16	16

90° (unanodized)
UP3091__ERL



UNANODIZED PART NO.	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
UP309104ERL	4	4	4
UP309106ERL	6	6	6
UP309108ERL	8	8	8
UP309110ERL	10	10	10
UP309112ERL	12	12	12
UP309116ERL	16	16	16

120° (unanodized)
UP3120__ERL



UNANODIZED PART NO.	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
UP312004ERL	4	4	4
UP312006ERL	6	6	6
UP312008ERL	8	8	8
UP312010ERL	10	10	10
UP312012ERL	12	12	12
UP312016ERL	16	16	16

150° (unanodized)
UP3150__ERL



UNANODIZED PART NO.	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
UP315004ERL	4	4	4
UP315006ERL	6	6	6
UP315008ERL	8	8	8
UP315010ERL	10	10	10
UP315012ERL	12	12	12
UP315016ERL	16	16	16

180° (unanodized)
UP3180__ERL



UNANODIZED PART NO.	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
UP318004ERL	4	4	4
UP318006ERL	6	6	6
UP318008ERL	8	8	8
UP318010ERL	10	10	10
UP318012ERL	12	12	12
UP318016ERL	16	16	16

See pg. 51 for UP Adapters

AUTO-FIT™ HOSE ENDS

HOSE & HOSE ENDS

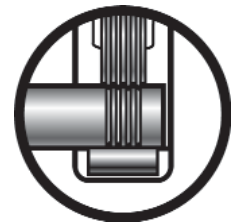
Direct Connect Auto-Fit™ hose ends eliminate the need for an adapter by threading directly into an NPT port.



Part No.	Size
320104ERL	-4 Hose to 1/8 NPT
320144ERL	-4 Hose to 1/4 NPT
320162ERL	-6 Hose to 1/8 NPT
320106ERL	-6 Hose to 1/4 NPT
320166ERL	-6 Hose to 3/8 NPT
320107ERL	-8 Hose to 1/4 NPT
320108ERL	-8 Hose to 3/8 NPT
320188ERL	-8 Hose to 1/2 NPT
320111ERL	-10 Hose to 3/8 NPT
320110ERL	-10 Hose to 1/2 NPT
320112ERL	-12 Hose to 3/4 NPT
320113ERL	-12 Hose to 1/2 NPT

TUBE-MATE AUTO-FIT™

IT IS OFTEN NECESSARY to connect a length of rigid metal tubing to a flexible stainless braid protected hose. The only methods available have been either to flare the tubing and use a connection tube nut and sleeve or to weld an adapter fitting to the metal tubing. Earl's TUBE-MATE is a unique fitting designed to connect flexible hoses to low pressure tubing (25 PSI max) without the necessity for welded adapters. **NOTE:** tubing should be flared, beaded or grooved for secure installation. See Plumbing Accessories pg. 101 for part #006 grooving wheel.



See page 43 for higher pressure options
Assembly instructions pg. 117

PART #	HOSE SIZE AN	TUBING O.D.		MAX. OPERATING PRESSURE	
		(IN)	(MM)	(PSI)	(BAR)
360104ERL	-4	0.25	6.35	25	1.72
360165ERL	-6	0.31	7.87	25	1.72
360106ERL	-6	0.38	9.65	25	1.72
360108ERL	-8	0.5	12.70	25	1.72
360110ERL	-10	0.63	16.00	25	1.72
360112ERL	-12	0.75	19.05	25	1.72

REPLACEMENT RUBBER BOOTS



Part No.	Description
360104BERL	Replacement rubber boot for Tube-Mate #360104ERL
360165BERL	Replacement rubber boot for Tube-Mate #360165ERL
360106BERL	Replacement rubber boot for Tube-Mate #360106ERL
360108BERL	Replacement rubber boot for Tube-Mate #360108ERL
360110BERL	Replacement rubber boot for Tube-Mate #360110ERL
360112BERL	Replacement rubber boot for Tube-Mate #360112ERL

SWIVEL-SEAL™ & AUTO-FIT™ REPLACEMENT SOCKETS

When you need to reuse a hose end and the sockets are damaged or worn, you can now order replacement sockets!



Hose Size	-4	-6	-8	-10	-12	-16	-20	-24
Replacement Sockets	898043ERL	898063ERL	898083ERL	898103ERL	898123ERL	898163ERL	898203ERL	898243ERL