



The choice when  
**every job** matters.



*Powering Business Worldwide*

**NAHAD**

HOSE SAFETY INSTITUTE

MEMBER

# Table of contents

<b>CONTENTS</b>		<b>Page #</b>
<b>Safety and Ordering Information</b>		3
<b>Warranty Information</b>		3
<b>Winner Hose</b>		
	EC115 EN857 1SC Braided Hose	7
	EC215 EN857 2SC Braided Hose	7
	EC118 SAE100R17 Constant Pressure Hose	8
	WH004 SAE100R4 Suction & Return Hose	8
	EC415 SAE100R12 Spiral Hose	9
	EC420 SAE100R13 Spiral Hose	9
<b>Crimp Socket</b>		
	00110 Crimp Socket 1-Wire	12
	03310 Crimp Socket 2-Wire	12
<b>Hose Fittings (Braided)</b>		
	Female JIC/SAE 37° Swivel	13
	Female ORS Swivel	16
	Male Pipe - NPTF	19
	Male JIC/SAE 37°	19
	Male ORS	20
	Male Boss O-Ring	20

**⚠ WARNING**

Eaton fitting tolerances are engineered to match approved Eaton hose tolerances. The use of Eaton fittings on hose supplied by other manufacturers and/or the use of Eaton hoses with fittings supplied by other manufactures may result in the production of unreliable and unsafe hose assemblies and is neither recommended nor authorized by Eaton or any of its affiliates or subsidiaries.

**⚠ WARNING**

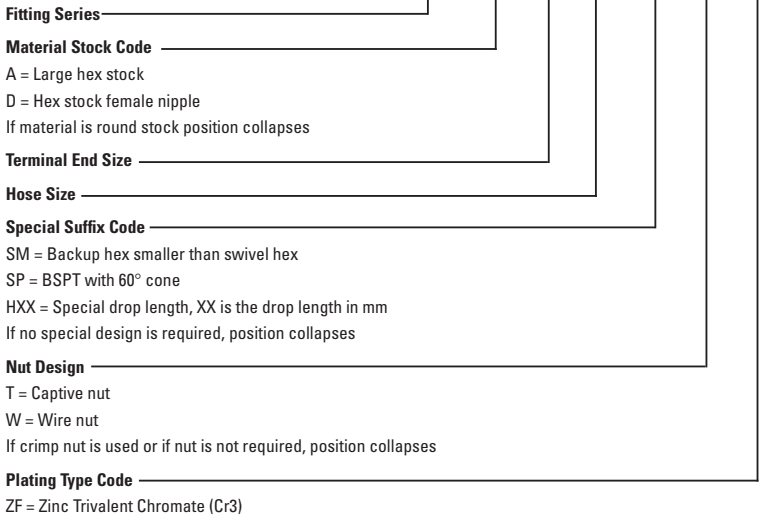
Application considerations must be observed in selecting appropriate components for the application of these products contained herein. The failure to follow the recommendations set forth in this catalog may result in an unstable application which may result in serious personal injury or property damage.

**EATON OR ANY OF ITS AFFILIATES OR SUBSIDIARIES SHALL NOT BE SUBJECT TO AND DISCLAIMS ANY OBLIGATIONS OR LIABILITIES (INCLUDING BUT NOT LIMITED TO ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES) ARISING FROM TORT CLAIMS (INCLUDING WITHOUT LIMITATION NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES OF LAW WITH RESPECT TO ANY HOSE ASSEMBLIES NOT PRODUCED FROM GENUINE EATON HOSE FITTINGS, HOSE AND EATON APPROVED EQUIPMENT, AND IN CONFORMANCE WITH EATON'S SYNPLEX PROCESS AND PRODUCT INSTRUCTIONS FOR EACH SPECIFIC HOSE ASSEMBLY.**

Failure to follow these processes and product instructions and limitations could lead to premature hose assembly failures resulting in property damage, serious injury or death.

**Warranty**  
Current warranty information can be found at:  
**[www.eaton.com/hydraulicswarranty](http://www.eaton.com/hydraulicswarranty)**

**Hose Fitting Part Number Nomenclature**    **26711 D-04-04 SM W ZF**



**Hose Installation**

Proper installation of the hose is essential to the proper operation and safe use of the hose and related equipment. Improper installation of the hose can result in serious injury or property damage caused by spraying fluids or flying projectiles. In order to avoid serious bodily injury or property damage resulting from improper installation of the hose, you should carefully review the information in this catalog regarding hose installation. Some of the factors you must consider in installing the hose properly are:

- Changes in length
- Proper bend radius
- Protection from high temperature sources
- Elbows and adapters to relieve strain
- Rubbing or abrasion
- Twisting
- Improper hose movement

These factors and the other information in this catalog regarding hose installation should be considered by you before installing the hose. If you have any questions regarding proper hose installation, please contact Eaton Technical Support.

**Hose Maintenance**

Proper maintenance of the hose is essential to the safe use of the hose and related equipment. Hose should be stored in a dry place. Hose should also be visually inspected. Any hose that has a cut or gouge in the cover that exposes the reinforcement should be retired from service. Hoses should also be inspected for kinking or broken reinforcement. If the outside diameter of the hose is reduced by 20% at the spot where it is bent then the hose should be retired from service. Inadequate attention to maintenance of the hose can result in hose leakage, bursting, or other failure which can cause serious bodily injury or property damage from spraying fluids, flying projectiles, or other substances.





EATON® WINNER EC415-06

9.5 mm (0.36 in)  
DN10

EATON® WINNER EC215-06

9.5 mm (0.38 in)  
DN10

Eaton's Intelligent Layline

## Our laylines provide **vital hose data** instantly.

Engineering is complex. We just made it easier.  
Critical data at a glance.

When it comes to building the platforms and systems that drive the machines of the future, complex engineering makes it all possible. In hydraulics, specific hose capabilities and certifications must be tailored to the unique requirements of each application to optimize performance, maximize uptime and protect user safety. Eaton's new laylines distill this complex engineering down into its essential parts for easy identification and simple assembly. Every key piece of information is located in one place, ensuring the right hose—with the right capabilities for the job—is easy to identify every time.

**Enhanced readability:** Eaton's new laylines take the guesswork out of system assembly. Each layline is easy to read, including important information about the hose—such as the brand, part number, size, abrasion resistance, key specifications, pressure, temp and qualified fitting series.





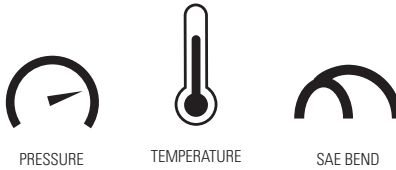
## Agency specifications

Hose agency specifications are clearly defined on each hose. SAE, ISO, MSHA, DNV-GL, USCG designation are displayed clearly on each hose, taking the guess work out of hose qualifications.

In addition, many of Eaton's premium hydraulic hoses exceed SAE and EN specifications to offer superior performance. We will now consistently note this and other specification-related terms on the layline.

## Global comprehension

The new layline design also introduces easy-to-identify icons and pictograms, which allow more users around the world to intuitively identify performance characteristics associated with each of Eaton's rubber hydraulic hoses. Icons include temperature, bend radius, pressure, correct fitting type and more.



## SAE bend radius

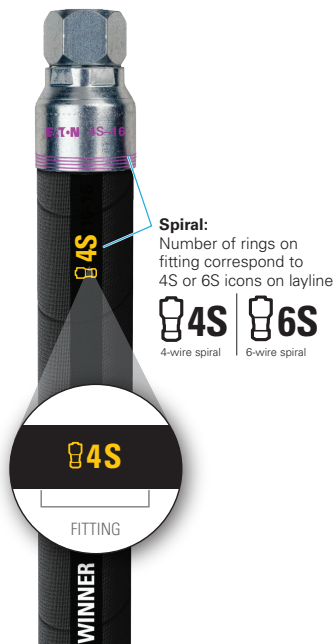
Each SAE hose standard specifies the minimum bend radius of a hose. This is defined as the smallest diameter the hose can be bent without kinking. However, Eaton recognizes that merely meeting a standard is often not good enough for the tight routing needs of your applications. Many of our core hoses have long been engineered to perform at half or even one-third of the bend radius required by SAE.

For the first time, our laylines will now indicate when a hose exceeds the SAE bend radius requirement. This improvement in bend means easier routing, better performance and reduced hose length requirements.

## Fitting info

As part of this layline refresh, all of Eaton's rubber hydraulic hoses will now utilize the simple, intuitive MatchMate hose & fitting system. For Aeroquip users, this system is the exact same one they have used for years.

### ▶ Spiral



### ▶ Braided



Winner hose

## Winner hoses: The choice when **every job** matters.

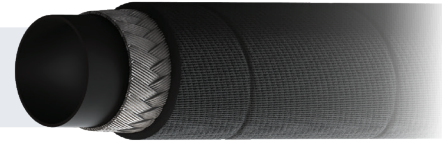
Reliability and performance are essential, every day, for every project. Winner hose is the go-to everyday hose when every job matters. Designed specifically for less extreme applications that still need critical hose certifications, Winner hose fills the gap for more moderate applications.





# EC115

Hydraulic hose  
Meets: EN 857 Type 1SC



LAYLINE EXAMPLE:

**WINNER EC115-08** 12.7 MM (0.50 IN) DN12 | EN857 1SC • MSHA IC-84/41 DNV-GL • USCG ⚡ | **160 BAR (2300 PSI)** -40°C to +100°C -40°F to +212°F 1A • Z 2PC • 1R

CONSTRUCTION: Inner Tube: Synthetic rubber Reinforcement: 1 steel braid Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC115-04	6.4	0.25	12.6	0.50	225	3,250	900	13,000	50	1.97	0.18	0.12
EC115-06	9.5	0.38	16.0	0.63	180	2,600	720	10,400	63	2.48	0.26	0.17
EC115-08	12.7	0.50	19.4	0.77	160	2,300	640	9,200	90	3.54	0.34	0.23
EC115-10	15.9	0.62	22.4	0.88	130	1,900	520	7,600	100	3.94	0.42	0.28
EC115-12	19.0	0.75	26.0	1.02	105	1,525	420	6,100	120	4.72	0.50	0.34
EC115-16	25.4	1.00	33.8	1.33	88	1,275	352	5,100	160	6.30	0.74	0.50
EC115-20	31.8	1.25	41.2	1.62	63	925	252	3,700	210	8.27	0.99	0.67
EC115-24	38.1	1.50	48.0	1.89	50	725	200	2,900	300	11.81	1.20	0.81
EC115-32	50.8	2.00	61.0	2.41	40	580	160	2,320	400	15.75	1.50	1.01

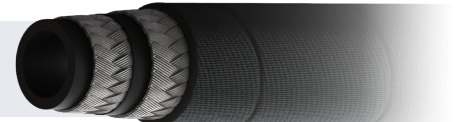
TYPICAL APPLICATION:  
Hydraulic system service with petroleum and water based fluids, for general industrial service.

AGENCY SPECIFICATIONS:  
MSHA Approved  
DNV-GL  
USCG

OPERATING TEMPERATURE: -40°C to +100°C (-40°F to +212°F)  
FITTINGS: 1A/Z-Series | Two-piece Winner | 1R Field Attachable

# EC215

Hydraulic hose  
Meets: EN 857 Type 2SC



LAYLINE EXAMPLE:

**WINNER EC215-06** 9.5 mm (0.38 in) DN10 | EN857 2SC • ISO 18752 MSHA IC-84/41 • DNV-GL • USCG ⚡ | **345 BAR (5000 PSI)** -40°C to +100°C -40°F to +212°F HALF BEND 1A • Z 2R • 2PC

CONSTRUCTION: Inner Tube: Synthetic rubber Reinforcement: 2 steel braid Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC215-04	6.4	0.25	13.5	0.53	400	5,800	1,600	23,200	50	1.97	0.28	0.19
EC215-06	9.5	0.38	17.5	0.69	345	5,000	1,380	20,000	65	2.56	0.41	0.28
EC215-08	12.7	0.50	20.8	0.82	275	4,000	1,100	16,000	90	3.54	0.57	0.38
EC215-10	15.9	0.62	24.0	0.94	250	3,650	1,000	14,600	100	3.94	0.68	0.46
EC215-12	19.0	0.75	27.9	1.10	215	3,125	860	12,500	120	4.72	0.81	0.54
EC215-16	25.4	1.00	35.7	1.40	165	2,400	660	9,600	160	6.30	1.17	0.79
EC215-20	31.8	1.25	43.9	1.73	125	1,800	500	7,200	250	9.84	1.56	1.05
EC215-24	38.1	1.50	51.0	2.01	100	1,450	400	5,800	300	11.81	1.81	1.22
EC215-32	50.8	2.00	63.4	2.50	90	1,300	360	5,200	400	15.75	2.36	1.59

TYPICAL APPLICATION:  
Hydraulic system service with petroleum and water based fluids, for general industrial service.

AGENCY SPECIFICATIONS:  
MSHA Approved  
DNV-GL  
USCG

OPERATING TEMPERATURE: -40°C to +100°C (-40°F to +212°F)  
FITTINGS: 1A/Z-Series | Two-piece Winner | 2R Field Attachable

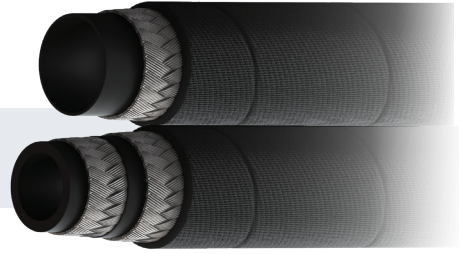


# Winner braided hose / suction & return hose

## EC118

Hydraulic hose

Meets: SAE 100R17



LAYLINE EXAMPLE:

**WINNER EC118-08** 12,7 mm (0,50 in) DN12 | SAE 100R17 • ISO 18752 MSHA IC-84/41 • USCG ⚓ | 210 BAR (3050 PSI) | -40°C to +100°C -40°F to +212°F | 1A • Z 2PC

CONSTRUCTION: Inner Tube: Synthetic rubber Reinforcement: 1 wire braid: -04, -06, -08; 2 wire braid: -10, -12, -16 Cover: Synthetic rubber/Embossed Layline

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
<b>EC118-04</b>	6,4	0.25	12,2	0.48	210,0	3050	840,0	12200	50,8	2.00	0,18	0.12
<b>EC118-06</b>	9,5	0.38	15,5	0.61	210,0	3050	840,0	12200	63,5	2.50	0,27	0.18
<b>EC118-08</b>	12,7	0.50	19,0	0.75	210,0	3050	840,0	12200	88,9	3.50	0,36	0.24
<b>EC118-10</b>	15,9	0.62	23,8	0.94	210,0	3050	840,0	12200	101,6	4.00	0,69	0.46
<b>EC118-12</b>	19,0	0.75	27,7	1.09	210,0	3050	840,0	12200	120,7	4.75	0,81	0.54
<b>EC118-16</b>	25,4	1.00	36,0	1.42	210,0	3050	840,0	12200	152,4	6.00	1,21	0.81

### TYPICAL APPLICATION:

Low and medium pressure hydraulic systems with petroleum and water-based fluids  
Construction equipment and agriculture equipment

### AGENCY SPECIFICATIONS:

MSHA Approved  
USCG

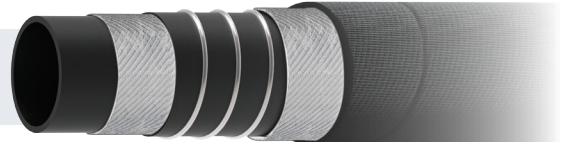
OPERATING TEMPERATURE: -40°C to +100°C (-40°F to +212°F)

FITTINGS: 1A/Z-Series | Two-piece Winner

## WH004

Suction & return hose

Meets: SAE 100R4



LAYLINE EXAMPLE:

**WINNER WH004-12** 19 mm (0,75 in) DN19 | EXCEEDS SAE 100R4 PERFORMANCE MSHA IC-261/5 | 21 BAR (305 PSI) | -40°C to +100°C -40°F to +212°F | 1A • Z 1G • 2 pc

CONSTRUCTION: Inner Tube: Oil resistant NBR Reinforcement: -Textile with helical and anti-static wire Cover: Abrasion Resistant Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		VACUUM		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Vacuum		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	kg/m	lbs/ft
<b>WH004-12</b>	19,0	0.75	30,0	1.18	21	305	84	1220	40	1.57	94.8	28	0,54	0.36
<b>WH004-16</b>	25,4	1.00	36,2	1.43	17	245	68	980	45	1.77	94.8	28	0,68	0.46
<b>WH004-20</b>	31,8	1.25	43,0	1.69	14	205	56	820	60	2.36	94.8	28	0,85	0.57
<b>WH004-24</b>	38,1	1.50	50,2	1.98	10,5	150	42	600	65	2.56	94.8	28	1,20	0.81
<b>WH004-32</b>	50,8	2.00	63,2	2.49	7	100	28	400	100	3.94	94.8	28	1,53	1.03
<b>WH004-40</b>	53,5	2.50	76,7	3.02	4	60	16	240	140	5.51	94.8	28	2,05	1.38
<b>WH004-48</b>	76,2	3.00	89,4	3.52	4	60	16	240	180	7.09	94.8	28	2,62	1.76

### TYPICAL APPLICATION:

Suitable for use in suction applications for hydraulics, crude fuel, lubricating oils, gasoline, air, water and chemical transfer

### AGENCY SPECIFICATIONS:

SAE 100R4  
MSHA IC-261/5

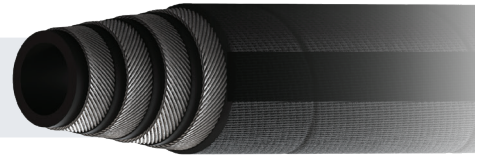
OPERATING TEMPERATURE: -40° C to +100° C (-40° to +212° F)

FITTINGS: 1A (TTC/Z Series) and 1G: -12, -16, -20, -24 and -32 | 4T Optimum & Winner 2 pc Series: -12 and -16  
Hose barb with band clamps: -12 thru -48 with a reduced operating pressure rating of 4 bar (60 psi)

# EC415

## Hydraulic hose

Meets: SAE 100R12



LAYLINE EXAMPLE:

**WINNER EC415-08** 12.7 mm (0.50 in) DN12 | SAE 100R12 • EN856 R12 • ISO 18752 MSHA IC-84/41 • USCG ⚡ | **280 BAR (4050 PSI)** | -40°C to +121°C (-40°F to +250°F) | HALF BEND | 4S

CONSTRUCTION: Inner Tube: Synthetic rubber Reinforcement: 4 wire spiral Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC415-06	9.5	0.38	20.3	0.80	280	4,050	1120	16,200	63	2.48	0.60	0.40
EC415-08	12.7	0.50	23.8	0.94	280	4,050	1120	16,200	90	3.54	0.74	0.50
EC415-10	15.9	0.62	27.7	1.09	280	4,050	1120	16,200	100	3.94	1.03	0.69
EC415-12	19.0	0.75	30.7	1.21	280	4,050	1120	16,200	120	4.72	1.16	0.78
EC415-16	25.4	1.00	38.0	1.50	280	4,050	1120	16,200	150	5.91	1.76	1.18
EC415-20	31.8	1.25	47.0	1.85	210	3,050	840	12,200	210	8.27	2.46	1.65
EC415-24	38.1	1.50	53.5	2.11	207	3,000	827	12,000	250	9.84	2.87	1.92
EC415-32	50.8	2.00	66.7	2.63	207	3,000	827	12,000	320	12.60	4.03	2.70

TYPICAL APPLICATION:  
Hydraulic systems service with petroleum and water based fluids, for general use.

AGENCY SPECIFICATIONS:  
MSHA Approved  
USCG

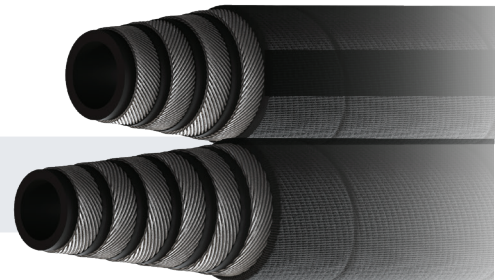
OPERATING TEMPERATURE: -40°C to +121°C (-40°F to +250°F)

FITTINGS: 4S Series

# EC420

## Hydraulic hose

Meets: SAE 100R13



LAYLINE EXAMPLE:

**WINNER EC420-12** 19 mm (0.75 in) DN11 | SAE 100R13 • EN856 R13 • ISO 18752 MSHA IC-84/41 • USCG ⚡ | **350 BAR (5100 PSI)** | -40°C to +121°C (-40°F to +250°F) | HALF BEND | 4S

CONSTRUCTION: Inner Tube: Synthetic rubber Reinforcement: 4 wire spiral: -12, -16; 6 wire spiral: -20 to -32 Cover: Synthetic rubber

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC420-12	19.0	0.75	32.1	1.27	350	5,100	1,400	20,400	120	4.72	1.54	1.03
EC420-16	25.4	1.00	38.7	1.53	350	5,100	1,400	20,400	150	5.91	2.01	1.35
EC420-20	31.8	1.25	49.8	1.96	350	5,100	1,400	20,400	210	8.27	3.78	2.54
EC420-24	38.1	1.50	57.3	2.26	350	5,100	1,400	20,400	250	9.84	4.73	3.18
EC420-32	50.8	2.00	71.6	2.82	350	5,100	1,400	20,400	320	12.60	6.26	4.21

TYPICAL APPLICATION:  
Suitable for use in hydraulic systems with high peak pressures and arduous operating conditions.





AGENCY SPECIFICATIONS:  
MSHA Approved  
USCG

OPERATING TEMPERATURE: -12, -20, -24, and -32: -40°C to +121°C (-40°F to +250°F)  
-16: -40°C to +100°C (-40°F to +212°F)

FITTINGS: 4S/6S Series

# Standard and premium fittings - the **right** product for every **application**

Braided or spiral, premium or standard, there is an Eaton fitting for your application.

Braided Hose Fittings	Features:
<p><b>Premium</b> 1A / Z-series</p> 	<ul style="list-style-type: none"> <li>• New <b>DURA-KOTE™</b> plating technology for up to 1,000 hours of corrosion resistance</li> <li>• Bite the wire technology for best in class connection and sealing</li> <li>• Class zero leakage SAE J1176 on approved hose styles</li> <li>• Over 550 TTC Series part numbers available</li> <li>• Eaton's <b>MatchMate™</b> program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly</li> </ul>
<p><b>Standard</b> Two-piece Winner</p> 	<ul style="list-style-type: none"> <li>• Non-skive, two-piece crimp fitting</li> <li>• One nipple part number for EC115, EC215 and EC118 standard hoses</li> <li>• Meets industry specifications when used with the EC115, EC215 and EC118 standard hoses</li> <li>• Clear silver hexavalent chromium-free plating</li> <li>• Carbon steel material</li> </ul>
Spiral Hose Fittings	Features:
<p><b>Premium</b> 4S/6S Spiral Series</p> 	<ul style="list-style-type: none"> <li>• New <b>DURA-KOTE</b> plating technology for up to 1,000 hours of corrosion resistance</li> <li>• New patent pending <b>DURA-SEAL™</b> technology to eliminate hose assembly cool-down leakage</li> <li>• Class zero leakage SAE J1176 on approved hose styles</li> <li>• Eaton's <b>MatchMate</b> spiral-hose/fitting identification system program provides identification markings on the hose, hose fittings, and crimp dies for quick and easy assembly</li> </ul>
Reusable Hose Fittings	Features:
<p><b>Premium</b> Reusable</p> 	<ul style="list-style-type: none"> <li>• New <b>DURA-KOTE</b> plating technology for up to 1,000 hours of corrosion resistance</li> <li>• Engineered to provide peak performance with Eaton's core braided hose products</li> <li>• Can be assembled in the field without special tooling</li> <li>• Reduced downtime</li> <li>• Quick repair</li> </ul>



# Dura-Kote and Dura-Seal technology **extends the life** of your hose assembly



**3X** Carbon Steel Corrosion Protection

## **DURA-KOTE™** Plating Technology

Hose fittings that will now offer 3x the corrosion protection on carbon steel fittings as compared to competitive hose fittings. Eaton's DURA-KOTE fittings provide up to 1000 hours of corrosion protection. This is a huge step forward in metal fitting corrosion protection. (Only on TTC/Z-Series and 4S/6S fittings)



4S/6S Fitting

**Class 0** Cool-Down Leakage Protection

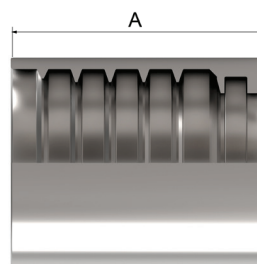
## **DURA-SEAL™** Technology

This patent-pending innovation from Eaton eliminates hose assembly cool-down leakage, while extending hose assembly life, reducing equipment down-time. (Only on 4S/6S fittings)



# 00110

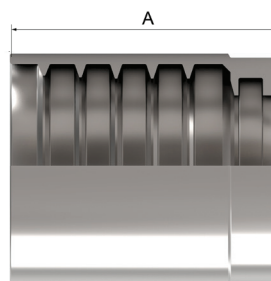
## Crimp Socket 1-wire



PART		HOSE SIZE INFO		DIMENSIONS				WEIGHT	
#	DN	Dash Size	A		OD		Weight		
			mm	in	mm	in	kg	lb	
<b>00110-04ANZF</b>	6	-04	27,5	1.08	21.0	0.83	0.03	0.07	
<b>00110-06ANZF</b>	10	-06	30,0	1.18	24.3	0.96	0.04	0.08	
<b>00110-08ANZF</b>	12	-08	34,0	1.34	28.0	1.10	0.05	0.10	
<b>00110-10ANZF</b>	16	-10	37,0	1.46	31.3	1.23	0.06	0.13	
<b>00110-12ANZF</b>	20	-12	42,0	1.65	28.7	1.13	0.08	0.17	
<b>00110-16ANZF</b>	25	-16	51,0	2.01	43.5	1.71	0.13	0.28	

# 03310

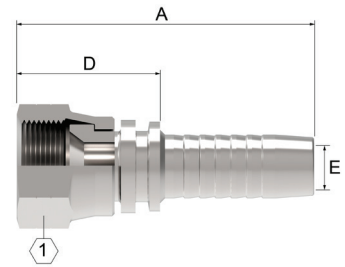
## Crimp Socket 2-wire



PART		HOSE SIZE INFO		DIMENSIONS				WEIGHT	
#	DN	Dash Size	A		OD		Weight		
			mm	in	mm	in	kg	lb	
<b>03310-04NZF</b>	6	-04	30.5	1.20	23.0	0.91	0.04	0.09	
<b>03310-06NZF</b>	10	-06	32.0	1.26	26.0	1.02	0.04	0.09	
<b>03310-08NZF</b>	12	-08	34.0	1.34	29.0	1.14	0.05	0.10	
<b>03310-10ANZF</b>	16	-10	35.0	1.38	34.5	1.36	0.06	0.14	
<b>03310-12NZF</b>	20	-12	42.0	1.65	37.0	1.46	0.08	0.18	
<b>03310-16NZF</b>	25	-16	52.0	2.05	46.7	1.84	0.15	0.33	

# 26711

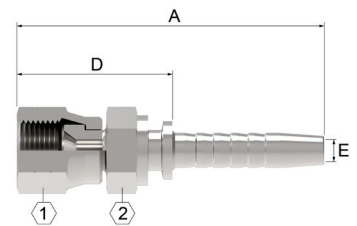
Female JIC/SAE 37° Swivel  
For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size	A	D Cut Off Factor		E Ø		1	Weight			
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
26711-04-04ZF	-04	7/16"-20	6	-04	43.0	1.69	15.0	0.59	4.0	0.16	14	0.020	0.044
26711-06-04ZF	-06	9/16"-18	6	-04	43.5	1.71	15.5	0.61	4.0	0.16	19	0.032	0.071
26711-06-06ZF	-06	9/16"-18	10	-06	45.5	1.79	15.5	0.61	7.0	0.28	19	0.037	0.082
26711-08-06ZF	-08	3/4"-16	10	-06	47.5	1.87	17.5	0.69	7.0	0.28	22	0.054	0.119
26711-08-08ZF	-08	3/4"-16	12	-08	50.0	1.97	18.5	0.73	9.9	0.39	22	0.060	0.132
26711-10-08ZF	-10	7/8"-14	12	-08	50.5	1.99	19.0	0.75	10.0	0.39	27	0.090	0.198
26711-10-10ZF	-10	7/8"-14	16	-10	53.5	2.11	19.5	0.77	12.0	0.47	27	0.100	0.220
26711-12-12ZF	-12	1 1/16"-12	20	-12	60.0	2.36	21.5	0.85	15.0	0.59	32	0.130	0.287
26711-16-16ZF	-16	1 5/16"-12	25	-16	70.0	2.76	23.0	0.91	21.0	0.83	41	0.210	0.463

# 26711D

Female JIC/SAE 37° Swivel\*  
For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT		
#	Terminal End	Thread	Hose Size	A	D Cut Off Factor		E Ø		1	2	Weight			
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	mm	kg	lb
26711D-04-04ZF	-04	7/16"-20	6	-04	57.0	2.24	29.0	1.14	4.0	0.16	14	14	0.03	0.07
26711D-06-04ZF	-06	9/16"-18	6	-04	59.0	2.32	31.0	1.22	3.9	0.15	19	19	0.04	0.10
26711D-06-06ZF	-06	9/16"-18	10	-06	61.0	2.40	31.0	1.22	6.9	0.27	19	19	0.05	0.10
26711D-08-06ZF	-08	3/4"-16	10	-06	66.0	2.60	36.0	1.42	6.9	0.27	22	22	0.08	0.18
26711D-08-08ZF	-08	3/4"-16	12	-08	67.0	2.64	35.5	1.40	9.8	0.38	22	22	0.08	0.17
26711D-10-08ZF	-10	7/8"-14	12	-08	70.5	2.78	39.0	1.54	9.9	0.39	27	27	0.10	0.23
26711D-10-10ZF	-10	7/8"-14	16	-10	61.0	2.40	27.0	1.06	12.0	0.47	27	27	0.12	0.26
26711D-12-10ZF	-12	1 1/16"-12	16	-10	79.5	3.13	45.5	1.79	11.9	0.47	32	32	0.18	0.39
26711D-12-12ZF	-12	1 1/16"-12	20	-12	84.5	3.33	46.0	1.81	14.9	0.59	32	32	0.19	0.41
26711D-12-16ZF	-12	1 3/16"-12	25	-16	95.0	3.74	48.0	1.89	20.9	0.82	32	36	0.23	0.50
26711D-16-12ZF	-16	1 5/16"-12	20	-12	86.6	3.41	48.1	1.89	14.9	0.59	41	41	0.30	0.65
26711D-16-16ZF	-16	1 5/16"-12	25	-16	96.7	3.81	49.7	1.96	20.9	0.82	41	41	0.32	0.71

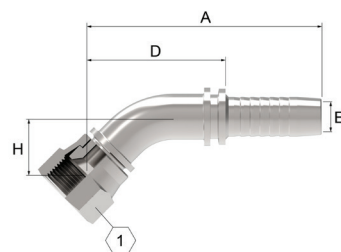
\*Note: This part has a backup hex.



## 26741

### Female JIC/SAE 37° Swivel 45° Elbow

For use with hose: EC115, EC215 and EC118

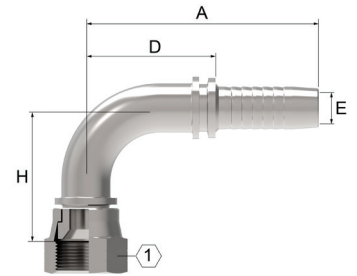


PART		HOSE SIZE INFO			DIMENSIONS									WEIGHT	
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		H		1	Weight		
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	kg	lb
26741-04-04ZF	-04	7/16"-20	6	-04	63.1	2.48	35.1	1.38	4.0	0.16	13.0	0.51	14	0.035	0.077
26741-06-06ZF	-06	9/16"-18	10	-06	68.8	2.71	38.8	1.53	7.0	0.28	14.8	0.58	19	0.062	0.137
26741-08-08ZF	-08	3/4"-16	12	-08	76.8	3.02	45.3	1.78	10.0	0.39	19.0	0.75	22	0.105	0.231
26741-10-10ZF	-10	7/8"-14	16	-10	88.4	3.48	54.4	2.14	12.0	0.47	22.1	0.87	27	0.146	0.322
26741-12-12ZF	-12	1.1/16"-12	20	-12	97.8	3.85	59.3	2.33	15.0	0.59	24.2	0.95	32	0.240	0.529
26741-16-16ZF	-16	1.5/16"-12	25	-16	121.3	4.78	74.3	2.93	21.0	0.83	28.7	1.13	41	0.400	0.882
26741-04-04H10ZF	-04	7/16"-12	6	-04	59.0	2.32	31.0	1.22	3.9	0.15	10.0	0.39	14	0.01	0.01
26741-06-04H11ZF	-06	9/6"-18	6	-04	60.0	2.36	3.02	1.26	3.9	0.15	11.0	0.43	19	0.01	0.02
26741-06-06H11ZF	-06	9/6"-18	10	-06	65.7	2.59	35.7	1.41	6.9	0.27	11.0	0.43	19	0.05	0.11
26741-08-06TZF	-08	3/4"-16	10	-06	70.4	2.77	40.4	1.59	6.9	0.27	15.0	0.59	22	0.07	0.15
26741-08-08H15ZF	-08	3/4"-16	12	-08	78.9	3.11	47.4	1.87	9.9	0.39	15.0	0.59	22	0.07	0.16
26741-10-10H16ZF	-10	7/8"-14	16	-10	87.4	3.44	53.4	2.10	11.9	0.47	16.0	0.63	27	0.12	0.26
26741-12-12H21ZF	-12	1 1/16"-12	20	-12	95.4	3.76	56.9	2.24	14.9	0.59	21.0	0.83	32	0.19	0.42
26741-16-16H24ZF	-16	1 5/16"-12	25	-16	119.47	4.7	72.47	2.85	20.9	0.82	24.0	0.94	41	0.36	0.80

# 26791

## Female JIC/SAE 37° Swivel 90° Elbow

For use with hose: EC115, EC215 and EC118

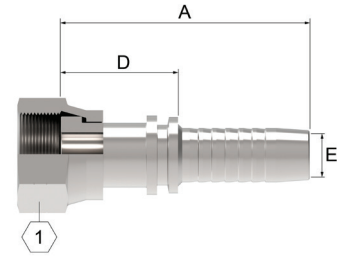


PART		HOSE SIZE INFO			DIMENSIONS								WEIGHT		
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		H		Weight			
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb
26791-04-04ZF	-04	7/16"-20	6	-04	58.0	2.28	30.0	1.18	4.0	0.16	26.3	1.04	14	0.040	0.088
26791-06-04ZF	-06	9/16"-18	6	-04	58.0	2.28	30.0	1.18	4.0	0.16	27.0	1.06	19	0.048	0.106
26791-06-06ZF	-06	9/16"-18	10	-06	64.5	2.54	34.5	1.36	7.0	0.28	31.5	1.24	19	0.070	0.154
26791-08-08ZF	-08	3/4"-16	12	-08	71.0	2.80	39.5	1.56	10.0	0.39	40.0	1.57	22	0.118	0.260
26791-10-08ZF	-10	7/8"-14	12	-08	71.0	2.80	39.5	1.56	10.0	0.39	42.0	1.65	27	0.132	0.291
26791-10-10ZF	-10	7/8"-14	16	-10	83.0	3.27	49.0	1.93	12.0	0.47	47.5	1.87	27	0.190	0.419
26791-12-12ZF	-12	1 1/16"-12	20	-12	93.0	3.66	54.5	2.15	15.0	0.59	53.5	2.11	32	0.300	0.661
26791-16-16ZF	-16	1 5/16"-12	25	-16	118.0	4.65	71.0	2.80	21.0	0.83	66.1	2.60	41	0.460	1.014
26791-04-04H21ZF	-04	7/16"-20	6	-04	55.3	2.18	27.3	1.07	3.9	0.15	21.0	0.83	14	0.03	0.06
26791-06-04H23ZF	-06	9/16"-18	6	-04	55.3	2.18	27.3	1.07	3.9	0.15	23.0	0.91	19	0.04	0.09
26791-06-06H23ZF	-06	9/16"-18	10	-06	61.8	2.43	31.8	1.25	6.9	0.27	23.0	0.91	19	0.05	0.11
26791-06-06H54ZF	-06	9/16"-18	10	-06	64.5	2.54	34.5	1.36	6.9	0.27	54.0	2.13	19	0.08	0.17
26791-08-06H29ZF	-08	3/4"-16	10	-06	68.5	2.7	38.5	1.52	6.9	0.27	29.0	1.14	22	0.08	0.17
26791-08-08H29ZF	-08	3/4"-16	12	-08	78.5	3.09	47.0	1.85	9.9	0.39	29.0	1.14	22	0.08	0.18
26791-10-08H32ZF	-10	7/8"-14	12	-08	76.0	2.99	44.5	1.75	9.9	0.39	32.0	1.26	27	0.11	0.25
26791-10-10H32ZF	-10	7/8"-14	16	-10	83.5	3.29	49.5	1.95	11.9	0.47	32.0	1.26	27	0.12	0.27
26791-12-10H48ZF	-12	1 1/16"-12	16	-10	83.0	3.27	49.0	1.93	11.9	0.47	48.0	1.89	32	0.21	0.46
26791-12-10H96ZF	-12	1 1/16"-12	16	-10	83.0	3.27	49.0	1.93	12.0	0.47	96.0	3.78	32	0.26	0.58
26791-12-12H48ZF	-12	1 1/16"-12	20	-12	92.8	3.65	54.3	2.14	14.9	0.59	48.0	1.89	32	0.22	0.49
26791-12-12H96ZF	-12	1 1/16"-12	20	-12	93.0	3.66	54.5	2.15	14.9	0.59	96.0	3.78	32	0.33	0.72
26791-16-16H56ZF	-16	1 5/16"-12	25	-16	118.3	4.66	71.3	2.81	20.9	0.82	56.0	2.2	41	0.48	1.06

# 24211

## Female ORS Swivel

For use with hose: EC115, EC215 and EC118

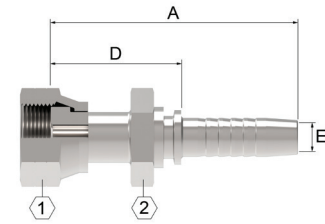


PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		1	Weight		
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb	
24211-04-04ZF	-04	9/16"×18	6	-04	50.5	1.99	22.5	0.89	4.0	0.16	17	0.034	0.075
24211-06-06ZF	-06	11/16"×16	10	-06	55.5	2.19	25.5	1.00	7.0	0.28	22	0.055	0.121
24211-08-08ZF	-08	13/16"×16	12	-08	59.5	2.34	28.0	1.10	10.0	0.39	27	0.086	0.190
24211-10-10ZF	-10	1"×14	16	-10	67.0	2.64	33.0	1.30	12.0	0.47	30	0.120	0.265
24211-12-12ZF	-12	1.3/16"×12	20	-12	73.5	2.89	35.0	1.38	15.0	0.59	36	0.195	0.430
24211-16-16TZF	-16	1.7/16"×12	25	-16	82.0	3.23	35.0	1.38	21.0	0.83	41	0.260	0.573

# 24211D

## Female ORS Swivel\*

For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT		
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		1	2	Weight		
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	mm	kg	lb	
24211D-04-04ZF	-04	9/16"-18	6	-04	56.0	2.20	28.0	1.10	4.00	0.16	19	17	0.04	0.09
24211D-06-04ZF	-06	11/16"-16	6	-04	60.5	2.38	32.5	1.28	4.00	0.16	22	22	0.07	0.15
24211D-06-06ZF	-06	11/16"-16	10	-06	63.5	2.50	33.5	1.32	7.00	0.28	22	22	0.08	0.17
24211D-06-08ZF	-06	11/16"-16	12	-08	65.5	2.58	34.0	1.34	10.0	0.39	22	22	0.09	0.19
24211D-08-06ZF	-08	13/16"-16	10	-06	65.5	2.58	35.5	1.40	7.00	0.28	24	24	0.11	0.24
24211D-08-08ZF	-08	13/16"-16	12	-08	67.5	2.66	36.0	1.42	10.0	0.39	24	24	0.11	0.24
24211D-08-10ZF	-08	13/16"-16	16	-10	71.0	2.80	37.0	1.46	11.9	0.47	24	24	0.13	0.29
24211D-10-08SMZF	-10	1"-14	12	-08	70.0	2.76	38.5	1.52	10.0	0.39	24	30	0.14	0.30
24211D-10-08ZF	-10	1"-14	12	-08	72.5	2.85	41.0	1.61	9.90	0.39	30	30	0.17	0.36
24211D-10-10SMZF	-10	1"-14	16	-10	74.0	2.91	39.0	1.54	11.5	0.45	24	30	0.16	0.35
24211D-10-10ZF	-10	1"-14	16	-10	76.0	2.99	42.0	1.65	11.9	0.47	30	30	0.18	0.39
24211D-10-12ZF	-10	1"-14	20	-12	81.5	3.21	43.0	1.69	15.0	0.59	30	30	0.20	0.44
24211D-12-08ZF	-12	1.3/16"-12	12	-08	75.8	2.98	44.3	1.74	9.90	0.39	36	36	0.25	0.56
24211D-12-10ZF	-12	1.3/16"-12	16	-10	79.5	3.13	45.5	1.79	11.9	0.47	36	36	0.26	0.56
24211D-12-12ZF	-12	1.3/16"-12	20	-12	84.0	3.31	45.5	1.79	14.9	0.59	36	36	0.26	0.58
24211D-12-16ZF	-12	1.3/16"-12	25	-16	93.5	3.68	46.5	1.83	20.9	0.82	36	36	0.29	0.65
24211D-16-12ZF	-16	1.7/16"-12	20	-12	86.5	3.41	48.0	1.89	14.9	0.59	41	41	0.33	0.73
24211D-16-16ZF	-16	1.7/16"-12	25	-16	96.0	3.78	49.0	1.93	20.9	0.82	41	41	0.36	0.78

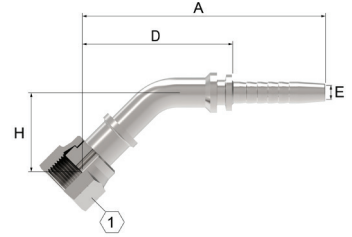
\*Note: This part has a backup hex.



# 24241

## Female ORS Swivel 45° Elbow

For use with hose: EC115, EC215 and EC118

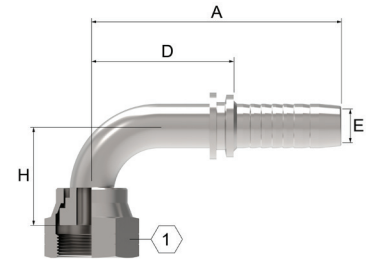


PART		HOSE SIZE INFO			DIMENSIONS								WEIGHT		
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		H		1	Weight		
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb
24241-04-04H10ZF	-04	9/16"-18	6	-04	59.5	2.34	34.5	1.36	3.9	0.15	10	0.39	17	0.03	0.07
24241-04-06H10ZF	-04	9/16"-18	10	-06	66.9	2.63	36.9	1.45	7.0	0.28	10	0.39	17	0.04	0.09
24241-06-04H11TZF	-06	11/16"-16	6	-04	63.5	2.50	35.5	1.40	3.9	0.15	11	0.43	22	0.06	0.13
24241-06-06H11ZF	-06	11/16"-16	10	-06	64.9	2.56	34.9	1.37	7.0	0.28	11	0.43	22	0.06	0.12
24241-08-06H15TZF	-08	13/16"-16	10	-06	71.3	2.81	41.3	1.63	6.9	0.27	15	0.59	24	0.08	0.17
24241-08-08H15ZF	-08	13/16"-16	12	-08	80.9	3.19	49.4	1.94	9.9	0.39	15	0.59	24	0.11	0.24
24241-10-08H16TZF	-10	1"-14	12	-08	82.4	3.24	50.9	2.00	10.0	0.39	16	0.63	30	0.15	0.34
24241-10-10H16ZF	-10	1"-14	16	-10	86.6	3.41	52.6	2.07	11.9	0.47	16	0.63	30	0.14	0.30
24241-12-12H21ZF	-12	1 3/16"-12	20	-12	106.9	4.21	68.4	2.69	14.9	0.59	21	0.83	36	0.29	0.64
24241-16-16H24TZF	-16	1 7/16"-12	25	-16	123.4	4.86	76.4	3.01	20.9	0.82	24	0.94	41	0.36	0.80

## 24291

### Female ORS Swivel 90° Elbow

For use with hose: EC115, EC215 and EC118

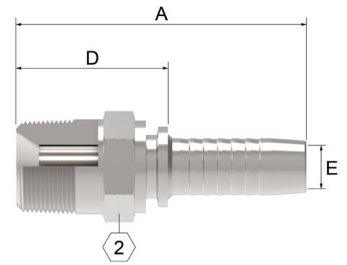


PART		HOSE SIZE INFO			DIMENSIONS								WEIGHT		
#	Terminal End	Thread	Hose Size	A	D Cut Off Factor		E Ø		H		1	Weight			
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	in	mm	kg	lb	
24291-04-04ZF	-04	9/16"×18	6	-04	58.0	2.28	30.0	1.18	4.0	0.16	41.0	1.61	17	0,052	0.115
24291-06-06ZF	-06	11/16"×16	10	-06	65.3	2.57	35.3	1.39	7.0	0.28	42.5	0.17	22	0,090	0.198
24291-08-08ZF	-08	13/16"×16	12	-08	72.5	2.85	41.0	1.61	10.0	0.39	57.5	2.26	27	0,145	0.320
24291-10-10ZF	-10	1"×14	16	-10	90.0	3.54	56.0	2.20	12.0	0.47	66.0	2.60	30	0,235	0.518
24291-12-12ZF	-12	1.3/16"×12	20	-12	104.0	4.09	65.5	2.58	15.0	0.59	77.0	3.03	36	0,390	0.860
24291-16-16TZF	-16	1.7/16"×12	25	-16	123.9	4.88	76.9	3.03	21.0	0.83	67.5	2.66	41	0,504	1.111
24291-04-04H21ZF	-04	9/16"-18	6	-04	59.5	2.34	31.5	1.24	4.0	0.16	21.0	0.83	17	0.04	0.08
24291-06-04H23TZF	-06	11/16"-16	6	-04	59.5	2.34	31.5	1.24	3.9	0.15	23.0	0.91	22	0.06	0.13
24291-06-04H38TZF	-06	11/16"-16	6	-04	58.0	2.28	30.0	1.18	3.9	0.15	38.0	1.50	22	0.07	0.15
24291-06-04H54TZF	-06	11/16"-16	6	-04	58.0	2.28	30.0	1.18	3.9	0.15	54.0	2.13	22	0.08	0.17
24291-06-06H23ZF	-06	11/16"-16	10	-06	64.5	2.54	34.5	1.36	7.0	0.28	23.0	0.91	22	0.06	0.12
24291-06-06H38ZF	-06	11/16"-16	10	-06	66.0	2.60	36.0	1.42	6.9	0.27	38.0	1.50	22	0.07	0.16
24291-06-06H54ZF	-06	11/16"-16	10	-06	65.3	2.57	35.3	1.39	7.0	0.28	54.0	2.13	22	0.08	0.17
24291-06-08H23ZF	-06	11/16"-16	12	-08	72.9	2.87	41.4	1.63	9.9	0.39	23.0	0.91	22	0.08	0.17
24291-08-06H29TZF	-08	13/16"-16	10	-06	66.0	2.60	36.0	1.42	7.0	0.28	29.0	1.14	24	0.08	0.18
24291-08-08H29ZF	-08	13/16"-16	12	-08	73.0	2.87	41.5	1.63	9.0	0.35	29.0	1.14	24	0.10	0.21
24291-08-08H41ZF	-08	13/16"-16	12	-08	79.0	3.11	47.5	1.87	9.9	0.39	41.0	1.61	24	0.13	0.28
24291-08-08H64ZF	-08	13/16"-16	12	-08	72.5	2.85	41.0	1.61	9.9	0.39	64.0	2.52	24	0.15	0.34
24291-08-10H29ZF	-08	13/16"-16	16	10	86.7	3.41	52.7	2.07	11.9	0.47	29.0	1.14	24	0.13	0.28
24291-10-08H32TZF	-10	1"-14	12	-08	74.0	2.91	42.5	1.67	10.0	0.39	32.0	1.26	30	0.15	0.34
24291-10-08H47TZF	-10	1"-14	12	-08	72.5	2.85	41.0	1.61	9.9	0.39	47.0	1.85	30	0.17	0.37
24291-10-08H70TZF	-10	1"-14	12	-08	72.5	2.85	41.0	1.61	9.9	0.39	70.0	2.76	30	0.19	0.42
24291-10-10H32ZF	-10	1"-14	16	-10	83.5	3.29	49.5	1.95	12.0	0.47	32.0	1.26	30	0.14	0.32
24291-10-10H47ZF	-10	1"-14	16	-10	90.0	3.54	56.0	2.20	11.9	0.47	47.0	1.85	30	0.20	0.45
24291-10-10H70ZF	-10	1"-14	16	-10	90.0	3.54	56.0	2.20	12.0	0.47	70.0	2.76	30	0.24	0.54
24291-10-12H32ZF	-10	1"-14	20	-12	90.8	3.57	52.3	2.06	14.9	0.59	32.0	1.26	30	0.00	0.00
24291-12-10H48TZF	-12	1 3/16"-12	16	-10	90.0	3.54	56.0	2.20	12.0	0.47	48.0	1.89	36	0.26	0.58
24291-12-10H96TZF	-12	1 3/16"-12	16	-10	90.0	3.54	56.0	2.20	11.9	0.47	96.0	3.78	36	0.33	0.73
24291-12-12H48ZF	-12	1 3/16"-12	20	-12	106.0	4.17	67.5	2.66	14.9	0.59	48.0	1.89	36	0.31	0.68
24291-12-12H58ZF	-12	1 3/16"-12	20	-12	106.0	4.17	67.5	2.66	14.9	0.59	58.0	2.28	36	0.32	0.71
24291-12-12H96ZF	-12	1 3/16"-12	20	-12	104.0	4.09	65.5	2.58	14.9	0.59	96.0	3.78	36	0.46	1.01
24291-16-12H56TZF	-16	1 7/16	20	-12	104.0	4.09	65.5	2.58	14.9	0.59	56.0	2.20	41	0.41	0.90
24291-16-16H56TZF	-16	1 7/16"-12	25	-16	119.8	4.72	72.8	2.87	20.9	0.82	56.0	2.20	41	0.44	0.96
24291-16-16H114TZF	-16	1 7/16"-12	25	-16	123.9	4.88	76.9	3.03	20.0	0.79	114	4.49	41	0.64	1.41

# 15611

## Male Pipe - NPTF

For use with hose: EC115, EC215 and EC118

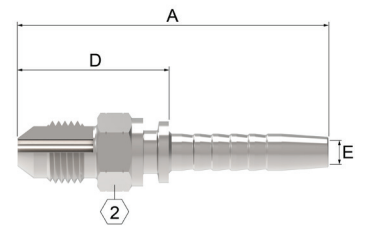


PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size	A	D Cut Off Factor		E Ø		2		Weight		
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb	
15611-F02-04ZF	-02	1/8"x27	6	-04	50.5	1.99	22.5	0.89	4.0	0.16	12	0.015	0.033
15611-F04-04ZF	-04	1/4"x18	6	-04	56.0	2.20	28.0	1.10	4.0	0.16	17	0.030	0.066
15611-F04-06ZF	-04	1/4"x18	10	-06	57.5	2.26	27.5	1.08	7.0	0.28	17	0.032	0.070
15611-F06-06ZF	-06	3/8"x18	10	-06	59.0	2.32	29.0	1.14	7.0	0.28	19	0.048	0.106
15611-F08-06ZF	-08	1/2"x14	10	-06	64.0	2.52	34.0	1.34	7.0	0.28	22	0.068	0.150
15611-F08-08ZF	-08	1/2"x14	12	-08	66.0	2.60	34.5	1.36	10.0	0.39	22	0.075	0.165
15611-F12-12ZF	-12	3/4"x14	20	-12	77.0	3.03	38.5	1.52	15.0	0.59	27	0.130	0.286
15611-F16-16ZF	-16	1"x11.5	25	-16	93.5	3.68	46.5	1.83	21.0	0.83	36	0.230	0.506

# 16711

## Male JIC/SAE 37°

For use with hose: EC115, EC215 and EC118

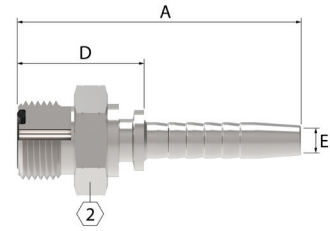


PART		HOSE SIZE INFO			DIMENSIONS							WEIGHT	
#	Terminal End	Thread	Hose Size	A	D Cut Off Factor		E Ø		2		Weight		
	Dash Size	DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb	
16711-06-04ZF	-06	9/16"x18	6	-04	54.5	2.15	26.5	1.04	4.00	0.16	17	0.03	0.07
16711-08-06ZF	-08	3/4"x16	10	-06	61.5	2.42	31.5	1.24	7.00	0.28	22	0.06	0.14
16711-08-08ZF	-08	3/4"x16	12	-08	63.5	2.50	32.0	1.26	9.90	0.39	22	0.06	0.13
16711-10-08ZF	-10	7/8"x14	12	-08	65.5	2.58	34.0	1.34	10.0	0.39	24	0.08	0.19
16711-10-10ZF	-10	7/8"x14	16	-10	69.0	2.72	35.0	1.38	12.0	0.47	24	0.09	0.20
16711-12-10ZF	-12	11/16"x12	16	-10	73.5	2.89	39.5	1.56	12.0	0.47	30	0.12	0.26
16711-16-12ZF	-16	1 5/16"x12	20	-12	81.5	3.21	43.0	1.69	15.0	0.59	36	0.19	0.42

# 14211

## Male ORS

For use with hose: EC115, EC215 and EC118

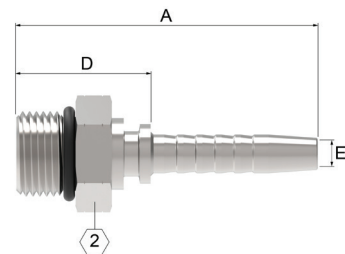


PART		HOSE SIZE INFO			DIMENSIONS						WEIGHT		
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		1	Weight		
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
14211-06-04ZF	-06	11/16"-16	6	-04	52.0	2.05	24.0	0.94	3.9	0.15	19	0.04	0.08
14211-06-06ZF	-06	11/16"-16	10	-06	54.0	2.13	24.0	0.94	6.7	0.26	19	0.04	0.09
14211-08-06ZF	-08	13/16"-16	10	-06	57.5	2.26	27.5	1.08	7.0	0.28	22	0.06	0.13
14211-08-08ZF	-08	13/16"-16	12	-08	60.0	2.36	28.5	1.12	9.6	0.38	22	0.07	0.15
14211-10-08ZF	-10	1"-14	12	-08	64.0	2.52	32.5	1.28	10.0	0.39	27	0.11	0.24
14211-12-10ZF	-12	1 3/16"-12	16	-10	70.0	2.76	36.0	1.42	12.0	0.47	32	0.16	0.36
14211-12-12ZF	-12	1 3/16"-12	20	-12	75.0	2.95	36.5	1.44	15.0	0.59	32	0.17	0.38
14211-16-12ZF	-16	1 7/16"-12	20	-12	75.5	2.97	37.0	1.46	14.9	0.59	38	0.23	0.50

# 16011

## Male Boss O-Ring

For use with hose: EC115, EC215 and EC118



PART		HOSE SIZE INFO			DIMENSIONS						WEIGHT		
#	Terminal End	Thread	Hose Size	A		D Cut Off Factor		E Ø		1	Weight		
	Dash Size		DN	Dash Size	mm	in	mm	in	mm	in	mm	kg	lb
16011-06-04ZF	-06	9/16"-18	6	-04	50.5	1.99	22.5	0.89	3.9	0.15	17	0.03	0.06
16011-06-06ZF	-06	9/16"-18	10	-06	52.5	2.07	22.5	0.89	6.9	0.27	17	0.03	0.07
16011-08-06ZF	-08	3/4"-16	10	-06	53.5	2.11	23.5	0.93	6.9	0.27	22	0.05	0.10
16011-08-08ZF	-08	3/4"-16	12	-08	55.5	2.19	24.0	0.94	9.9	0.39	22	0.06	0.12









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