EATON | Aeroquip

FC300 Hose and Reusable Fittings

- Hose fittings are specific to hose brand
- 4:1 safety factor
- Temp. range: -55° to 300°F
- Screw-together reusable type fittings

Hose transfers oil, air, gasoline, fuel oils, lubricating oils, and fire-resistant hydraulic fluids. Aeroquip elastomer tube, polyester inner braid, and single-wire braid reinforcement with blue polyester braid cover.

Note: Reusable fittings fit FC300 hose only.

	Hose Inside Dia. (in.)	Hose Outside Dia. (in.)	Hose Length (ft.)	Operating Pressure (psi)	Vacuum Rating (in. Hg)	Min. Bend Radius (in.)	Mfr. Model	Item No.
FC300 Hose, SAE 100R5								
	3/16	0.52	25	3000	28	3	FC300-04-25	**2F611**
	1/4	0.58	25	3000	28	3 3/8	FC300-05-25	**4VTL9**
	5/16	0.67	25	2250	28	4	FC300-06-25	**2F613**
	13/32	0.76	25	2000	28	4 5/8	FC300-08-25	**2F615**
	1/2	0.93	25	1750	28	5 1/2	FC300-10-25	**4VTN1**
	5/8	1.08	25	1500	28	6 1/2	FC300-12-25	**4VTN2**
	7/8	1.27	25	800	20	7 3/8	FC300-16-25	**4VTN3**
	1 1/8	1.50	25	625	15	9	FC300-20-25	**4VTN4**

	Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
Female JIC Swivel, 45° Elbow					
	5/16 in	9/16"-18	2.23	190265-6S	**4VUP5**
	7/8 in	1 5/16"-12	3.74	190265-16S	**4VUP6**
Female JIC Swivel, 90° Elbow					
	3/16 in	7/16"-20	1.74	190296-4S	**2F285**
	5/16 in	9/16"-18	2.13	190261-6S	**2F281**
	5/16 in	9/16"-18	2.13	190260-6S	**4KFG3**
	13/32 in	3/4"-16	2.76	190296-8S	**2F287**
	1/2 in	7/8"-14	2.94	190296-10S	**2F283**
	5/8 in	1 1/16"-12	3.74	190261-12S	**4KFF7**
	5/8 in	1 1/16"-12	3.74	190260-12S	**4KFG4**
	7/8 in	1 5/16"-12	3.55	190261-16S	**4KFF8**
	7/8 in	1 5/16"-12	3.55	190260-16S	**4KFG5**
Female JIC Swivel, Straight					
	1/4 in	7/16"-20	1.97	4411-4S	**2F513**
	1/4 in	1/2"-20	2.12	4411-5s	**4KFH2**
	5/16 in	9/16"-18	2.33	4411-6S	**2F515**
	5/16 in	3/4"-16	2.42	4411-8-6s	**4KFH4**
	13/32 in	9/16"-18	2.68	4411-6-8S	**4KFH3**
	13/32 in	3/4"-16	2.78	4411-8S	**2F517**
	13/32 in	7/8"-14	2.95	4411-10-8S	**4KFH5**
	1/2 in	7/8"-14	3.10	4411-10S	**2F511**
	5/8 in	1 1/16"-12	3.49	4411-12S	**4KFH6**
	7/8 in	1 5/16"-12	3.19	4411-16S	**4KFH7**
	1 1/8 in	1 5/8"-12	3.43	4411-20S	**4KFH8**
Female Universal Swivel, 45° Elbow					
	3/16 in	7/16"-20	1.85	190297-4S	**4KFF1**
	1/4 in	1/2"-20	2.07	190297-5S	**4KFF2**
	13/32 in	3/4"-16	2.99	190297-8S	**4KFF3**
	1/2 in	7/8"-14	3.24	190297-10S	**4KFF4**
Female Universal Swivel, 90° Elbow					
	3/16 in	7/16"-20	1.74	190295-4S	**4KFG6**
	1/4 in	1/2"-20	1.96	190296-5S	**4KFF9**
	13/32 in	3/4"-16	2.88	190295-8S	**4KFG7**
	1/2 in	7/8"-14	3.19	190295-10S	**4KFN8**

	Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
Female SAE Swivel, 45° Elbow					
	5/16 in	5/8"-18	2.23	190299-6S	**4KFF5**
	5/8 in	1 1/16"-14	3.78	190299-12S	**4KFF6**
Female SAE Swivel, 90° Elbow					
	5/16 in	5/8"-18	2.13	190302-6S	**4KFG1**
	5/16 in	5/8"-18	2.13	190301-6S	**4KFG8**
	5/8 in	1 1/16"-14	3.74	190301-12S	**4KFG9**
	7/8 in	1 1/16"-14	3.74	190302-12S	**4KFG2**
Female SAE Swivel, Straight					
	3/16 in	7/16"-20	1.97	4401-4S	**2F505**
	5/16 in	5/8"-18	2.36	4401-6S	**2F507**
	13/32 in	3/4"-16	2.78	4401-8S	**2F509**
	1/2 in	7/8"-14	3.10	4401-10S	**2F503**
	5/8 in	1 1/16"-14	3.49	4401-12S	**4KFH1**

	Hydraulic Hose I.D.	Hydraulic Fitting Thread Size	L (in.)	Mfr. Model	Item No.
Male NPT, Straight					
	3/16 in	1/8 in-27	1.68	4412-2-4S	**2F519**
	3/16 in	1/4 in-18	1.87	4412-4-4S	**2F521**
	1/4 in	1/4 in-18	1.96	4412-4-5s	**4KFK1**
	5/16 in	1/4 in-18	2.13	4412-4-6S	**2F523**
	3/8 in	3/8 in-18	2.13	4412-6-6S	**2F525**
	13/32 in	3/8 in-18	2.48	4412-6-8S	**2F527**
	13/32 in	1/2 in-14	2.73	4412-8-8S	**2F531**
	1/2 in	1/2 in-14	2.88	4412-8-10S	**2F529**
	5/8 in	1/2 in-14	3.24	4412-8-12s	**4KFK2**
	5/8 in	3/4 in-14	3.24	4412-12-12s	**4KFK3**
	7/8 in	1 in-11-1/2	2.99	412-16-16s	**4KFK4**
	1 1/8 in	1 1/4 in-11-1/2	3.23	412-20-20s	**4KFK5**
Male SAE, Straight					
	3/16 in	7/16 in-24	2.46	190111-4S	**4KFK8**
	1/4 in	1/2 in-20	2.62	190111-5S	**4KFK9**
	5/16 in	1/2 in-20	2.72	190111-5-6S	**4KFL1**
	5/16 in	5/8 in-18	2.72	190111-6S	**4KFL2**
	13/32 in	5/8 in-18	3.13	190111-6-8S	**4KFL3**
	13/32 in	3/4 in-18	3.20	190111-8S	**4KFL4**
Male SAE Swivel, 45° Elbow					
	3/16 in	7/16 in-24	2.74	190371-4S	**4KFH9**
	1/4 in	1/2 in-20	2.90	190371-5S	**4KFJ1**
	5/16 in	5/8 in-18	3.00	190371-6S	**4KFJ2**
	13/32 in	3/4 in-18	3.39	190371-8S	**4KFJ3**
Male SAE Swivel, 90° Elbow					
	3/16 in	7/16 in-24	2.36	190235-4S	**4KFJ4**
	1/4 in	1/2 in-20	2.53	190235-5S	**4KFJ5**
	13/32 in	5/8 in-18	3.04	190235-6-8S	**4KFJ6**
	5/16 in	5/8 in-18	2.63	190235-6S	**4KFJ7**
	5/16 in	11/16 in-18	2.63	190235-7-6S	**4KFJ8**
	13/32 in	3/4 in-18	3.04	190235-8S	**4KFJ9**

	Hydraulic Hose I.D.	Male SAE Size (in.)	Female SAE Size (in.)	L (in.)	Mfr. Model	Item No.
Male/Female SAE, Straight						
	3/16 in	Bulkhead 5/8-18	7/16-24	2.05	190276-4S	**4KFK7**
Male Inverted SAE, Straight						
	3/16 in	7/16-20 with 30° Flare Seat	—	1.80	190277-4S	**4KFK6**

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Pipe Thread Hydraulic Hose Adapters

	(F)NPT Thread	Max. Working Pressure (psi)	Mfr. Model	Item No.
Female NPT, Straight				
	1/4"-18	4,500	2096-4S	**2F481**
	3/8"-18	3,500	2096-6S	**2F483**
	1/2"-14, 1/4"-18	3,500	2096-8-4S	**4VPR9**
	1/2"-14, 3/8"-18	3,500	2096-8-6S	**4VPT1**
	1/2"-14	3,500	2096-8S	**2F485**
	1/2"-14, 3/4"-14	5,000	2096-12-8S	**4VPT2**
	3/4"-14	3,000	2096-12S	**4HL82**
	1"-11-1/2	2,500	2096-16S	**4HL83**
	1 1/4"-11-1/2	2,000	2096-20S	**4HL84**
Female NPT, 90° Elbow				
	1/4"-18	4,500	2087-4-4S	**2F461**
	3/8"-18	3,500	2087-6-6S	**2F463**
	1/2"-14	3,500	2087-8-8S	**2F465**
	3/4"-14	3,000	2087-12-12S	**4HL75**
	1"-11-1/2	2,500	2087-16-16S	**4HL76**
	1 1/4"-11-1/2	2,000	2087-20-20S	**4VPR3**
Female NPT, Tee				
	1/4"-18	4,500	2090-4-4S	**2F475**
	3/8"-18	3,500	2090-6-6S	**2F477**
	1/2"-14	3,500	2090-8-8S	**2F479**
	3/4"-14	3,000	2090-12-12S	**4HL79**
	1"-11-1/2	2,500	2090-16-16S	**4HL80**
	1 1/4"-11-1/2	2,000	2090-20-20S	**4HL81**
Female NPT, Cross				
	1/4"-18	4,500	2080-4-4S	**4VPR4**
	3/8"-18	3,500	2080-6-6S	**4VPR5**
	1/2"-14	3,500	2080-8-8S	**4VPR6**
	3/4"-14	3,000	2080-12-12S	**4VPR7**
	1"-11-1/2	2,500	2080-16-16S	**4VPR8**

	(M)NPT Thread	(F)NPT Thread	Max. Working Pressure @ 70°F	Mfr. Model	Item No.
Male NPT to Female NPT Hydraulic Hose Adapter, Reducer Bushing					
	1/4"-18, 1/8"-27	—	5,000 psi	2081-4-2S	**2F433**
	1/4"-18, 3/8"-18	—	4,500 psi	2081-6-4S	**2F435**
	1/8"-27, 3/8"-18	1/8"-27	5,000 psi	2081-6-2S	**4HL71**
	1/2"-14, 1/4"-18	—	4,500 psi	2081-8-4S	**2F437**
	1/2"-14, 3/8"-18	—	3,500 psi	2081-8-6S	**2F439**
	3/4"-14, 3/8"-18	3/8"-18	3,500 psi	2081-12-6S	**2F427**
	1/2"-14, 3/4"-14	1/2"-14	3,500 psi	2081-12-8S	**2F429**
	1"-11-1/2, 3/4"-14	3/4"-14	3,000 psi	2081-16-12S	**2F431**
	1"-11-1/2, 1/2"-14	1/2"-14	3,500 psi	2081-16-8S	**4HL67**
	1 1/4"-11-1/2, 1"-11-1/2	1"-11-1/2	2,500 psi	2081-20-16S	**4HL68**
	1 1/2"-11-1/2, 1 1/4"-11-1/2	1 1/4"-11-1/2	2,000 psi	2081-24-20S	**4HL69**
	1 1/2"-11-1/2, 2"-11-1/2	1 1/2"-11-1/2	1,500 psi	2081-32-24S	**4HL70**
MNPT to FNPT Hydraulic Hose Adapter, Reducer					
	1/4"-18, 1/8"-27	1/4"-18	5,000 psi	2040-2-4S	**38YN15**
	1/4"-18, 3/8"-18	3/8"-18	5,000 psi	2040-4-6S	**38YN17**
	1/2"-14, 3/8"-18	1/2"-14	4,000 psi	2040-6-8S	**38YN19**
	1/2"-14, 3/4"-14	3/4"-14	3,000 psi	2040-8-12S	**38YN21**
	1"-11-1/2, 3/4"-14	1"-11-1/2	2,500 psi	2040-12-16S	**38YN23**
	1 1/4"-11-1/4, 1"-11-1/2	1 1/4"-11-1/2	2,000 psi	2040-16-20S	**38YN25**
Male NPT to Female NPT Hydraulic Hose Adapter, 90° Street Elbow					
	1/4"-18	1/4"-18	4,500 psi	2089-4-4S	**2F469**
	3/8"-18	—	3,500 psi	2089-6-6S	**2F471**
	1/2"-14	1/2"-14	3,500 psi	2089-8-8S	**2F473**
	3/4"-14	3/4"-14	3,000 psi	2089-12-12S	**2F467**
	1"-11-1/2	1"-11-1/2	2,500 psi	2089-16-16S	**4HL77**
	1 1/4"-11-1/2	1 1/4"-11-1/2	2,000 psi	2089-20-20S	**4HL78**
Male NPT to Female NPT Hydraulic Hose Adapter, Tee					
	1/4"-18	1/4"-18	4,500 psi	2091-4-4S	**4VPV2**
	3/8"-18	3/8"-18	3,500 psi	2091-6-6S	**4VPV3**
	1/2"-14	1/2"-14	3,500 psi	2091-8-8S	**4VPV4**
	3/4"-14	3/4"-14	3,000 psi	2091-12-12S	**4VPV5**
	1"-11-1/2	1"-11-1/2	2,500 psi	2091-16-16S	**4VPV6**
	1/4"-18	1/4"-18	4,500 psi	2092-4-4S	**4VPV7**
	3/8"-18	3/8"-18	3,500 psi	2092-6-6S	**4VPV8**
	1/2"-14	1/2"-14	3,500 psi	2092-8-8S	**4VPV9**
	3/4"-14	3/4"-14	3,000 psi	2092-12-12S	**4VPW1**
	1"-11-1/2	1"-11-1/2	2,500 psi	2092-16-16S	**4VPW2**

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