

# Transportation

Truck and engine maintenance - Engine and air brake

F

## FC300

### Textile and wire braid

Meets or exceeds: SAE 100R5, SAE J1019, SAE J1402, DOT/FMVSS 106 Type All



# Part number	Hose I.D.		Hose O.D.		Maximum operating pressure		Minimum burst pressure		Minimum bend radius		Vacuum service		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in	kg/m	lbs/ft
FC300-04	4,8	0.19	13,2	0.52	210,0	3000	840,0	12000	76,2	3.00	94,8	28	0,19	0.13
FC300-05	6,4	0.25	14,7	0.58	210,0	3000	840,0	12000	85,9	3.38	94,8	28	0,24	0.16
FC300-06	7,9	0.31	17,3	0.67	157,0	2250	630,0	9000	101,6	4.00	94,8	28	0,27	0.23
FC300-08	10,4	0.41	19,6	0.76	140,0	2000	560,0	8000	117,3	4.62	94,8	28	0,32	0.26
FC300-10	12,7	0.50	23,4	0.93	122,0	1750	490,0	7000	139,7	5.50	94,8	28	0,49	0.37
FC300-12	16,0	0.63	27,4	1.08	105,0	1500	420,0	6000	165,1	6.50	94,8	28	0,58	0.46
FC300-16	22,4	0.88	31,2	1.27	56,0	800	224,0	3200	187,5	7.38	67,7	20 <sup>†</sup>	0,55	0.44
FC300-20 <sup>†‡</sup>	28,4	1.12	38,1	1.50	43,0	625	175,0	2500	228,6	9.00	67,7	20 <sup>†</sup>	0,68	0.52
FC300-24 <sup>†‡</sup>	35,1	1.38	44,5	1.75	35,0	500	140,0	2000	266,7	10.50	50,8	15 <sup>†</sup>	0,92	0.67
FC300-32 <sup>†‡</sup>	46,0	1.81	56,4	2.22	21,0	300	84,0	1200	336,6	13.25	37,3	11 <sup>†</sup>	1,28	0.94
FC300-40 <sup>†‡</sup>	60,1	2.38	73,2	2.88	21,0	300	84,0	1200	609,6	24.00	27,1	8 <sup>†</sup>	2,11	1.50

<sup>†</sup> Maximum negative pressure shown for -16 and larger are suitable for those which has suffered no external damage or kinking. If greater negative pressures are required for -16 and larger hoses, the use of an internal support coil is recommended

<sup>‡</sup> Does not meet SAE 100R5 pressure with reusable fittings. -32 size rated to 350 psi with crimp fittings

#### Construction

**Tube:** AQP elastomer

**Reinforcement:** Polyester inner braid, single wire braid

**Cover:** Blue textile braid

#### Operating parameters

-49°C to +150°C  
(-55°F to +302°F)

Air not to exceed  
+121°C (+250°F)

Use with biodiesel  
not to exceed +100°C  
(+212°F) with B2 to B20

#### Application

- Hydraulics handling petroleum base fluids
- Air, gasoline, fuel and lubricating oils, fire resistant hydraulic fluids and other industrial fluids
- Not approved for use with E85

For more information on agency listings, specific fluid applications and high temperature ratings see section A.

Fitting reference	Page
<b>Crimp</b>	
100R5 FJ	H-80-86
<b>Reusable</b>	
SAE 100R5 style	I-4-16