FC300 AQP
Single wire braid

Exceeds SAE 100R5

Part Number	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Minimum Burst Pressure		Minimum Bend Radius		Vacuum Service		Weight of Hose	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	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†	0,55	0.44
FC300-20	28,4	1.12	38,1	1.50	43,0	625	175,0	2500	228,6	9.00	67,7	20†	0,68	0.52
FC300-24	35,1	1.38	44,5	1.75	35,0	500	140,0	2000	266,7	10.50	50,8	15†	0,92	0.67
FC300-32‡	46,0	1.81	56,4	2.22	21,0	300	84,0	1200	336,6	13.25	37,3	11†	1,28	0.94
FC300-40‡	60,1	2.38	73,2	2.88	21,0	300	84,0	1200	609,6	24.00	27,1	8†	2,11	1.50

Construction
AQP elastomer tube, polyester inner braid, single wire braid reinforcement and blue polyester braid cover.

Operating Temperature Range
–49°C to +150°C [–55°F to +300°F]

Air not to exceed +121°C [+250°F].

Application
Hydraulics handling petroleum base fluids and air, gasoline, fuel and lubricating oils, fire resistant hydraulic fluids and other industrial fluids. For more information on specific fluid applications and high temperature ratings, see pages 349-355.

†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.
‡ Does not comply with SAE 100R5 operating pressure of 350 psi or minimum burst of 1400 psi.

For Complete Agency Listings
See pages 346-348.

Fitting Reference	Page
Crimp	
100R5	134
Reusable	
Fitting	136
Socket Data	65

FC321
LPG
UL listing MH6044

Part Number	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Minimum Burst Pressure		Minimum Bend Radius		Weight of Hose	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	Kg/m	lbs/ft
FC321-04	4,8	0.19	13,2	0.52	24,0	350	122,0	1750	38,1	1.50	0,16	0.11
FC321-05	6,4	0.25	14,7	0.58	24,0	350	122,0	1750	44,5	1.75	0,19	0.13
FC321-06	7,9	0.31	17,0	0.67	24,0	350	122,0	1750	50,8	2.00	0,27	0.18
FC321-08	10,4	0.41	19,6	0.77	24,0	350	122,0	1750	58,7	2.31	0,31	0.21
FC321-10	12,7	0.50	23,4	0.92	24,0	350	122,0	1750	69,9	2.75	0,43	0.29
FC321-12	16,0	0.63	27,4	1.08	24,0	350	122,0	1750	82,6	3.25	0,55	0.37
FC321-16	22,4	0.88	31,5	1.24	24,0	350	122,0	1750	93,7	3.69	0,56	0.38

Construction
Synthetic rubber tube, a textile inner braid, a stainless steel wire braid reinforcement and a synthetic rubber impregnated textile braid cover.

Operating Temperature Range
–40°C to +121°C [–40°F to +250°F]

Application
Designed for butane-propane applications on either mobile or stationary equipment. For more information on specific fluid applications and high temperature ratings, see pages 349-355.

WARNING: LPG is a very hazardous liquid or gas and should be handled with maximum care to prevent leakage. Since the gas is heavier than air, it may flow along the ground if it escapes and cause an explosion or a fire. No leakage should ever be tolerated.

For Complete Agency Listings
See pages 346-348.

Fitting Reference	Page
Reusable	
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