

## C5C Hydraulic Hose - SAE 100R5

DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12).

**Recommended For:** Medium pressure hydraulic petroleum-based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines. Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications, DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12). Not recommended for gasoline or diesel fuel.

**Tube:** -4 and -5: black, oil and heat resistant synthetic rubber (Neoprene - Type A); -6 through -40: (Nitrile - Type C). See Hose Stock Characteristics.






**Reinforcement:** One braid of high-tensile carbon steel wire over one braid of polyester.

**Cover:** Black, oil and mildew resistant, polyester braid impregnated with synthetic rubber.

**Temperature Range:** Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only. Avoid continuous use at maximum temperature concurrent with maximum working pressures. For water emulsions see Temperature Limits Table.

**Coupling Recommendation (See [gates.com/ecrimp](http://gates.com/ecrimp) or Crimp Data Manual 35019)**

C5 Field Attachable Couplings (Section P)

Description	Product No.						Standard Pack	Weight (Lbs.)
4C5C X50FT	3658-1762	3/16	.52	3000	12000	3.0	1	8.30
4C5CXREEL	3658-1775	3/16	.52	3000	12000	3.0	440	.16
5C5C X50FT	3658-1763	1/4	.58	3000	12000	3.4	1	8.50
5C5CXREEL	3658-1776	1/4	.58	3000	12000	3.4	385	.19
6C5C X50FT	3658-1764	5/16	.67	2250	9000	4.0	1	10.50
6C5CXREEL	3658-1777	5/16	.67	2250	9000	4.0	385	.24
8C5C X50FT	3658-1765	13/32	.77	2000	8000	4.6	1	11.50
8C5CXREEL	3658-1778	13/32	.77	2000	8000	4.6	330	.28
10C5C X50FT	3658-1766	1/2	.92	1750	7000	5.5	1	18.85
10C5CXREEL	3658-1779	1/2	.92	1750	7000	5.5	275	.38
12C5C X50FT	3658-1767	5/8	1.08	1500	6000	6.5	1	20.50
12C5CXREEL	3658-1780	5/8	1.08	1500	6000	6.5	220	.47
16C5C X50FT	3658-1768	7/8	1.23	800	3200	7.4	1	22.66
16C5CXREEL	3658-1781	7/8	1.23	800	3200	7.4	165	.57
20C5C X25FT	3658-1772	1 1/8	1.50	625	2500	9.0	1	13.39
20C5CXCTN	3658-1758	1 1/8	1.50	625	2500	9.0	100	.54
24C5CXCTN	3658-1759	1 3/8	1.75	500	2000	10.5	100	.60
32C5CXCTN	3658-1760	1 13/16	2.22	350	1400	13.3	100	.84
40C5CXCTN	3658-1761	2 3/8	2.88	350	1400	24.0	50	1.23

**NOTE:** Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.



### HOSE

HOSE/CPLG. SELECTION

G8K COUPLINGS

GLOBALSPIRAL COUPLINGS

PCM / PCS FERRULES

MEGACRIMP COUPLINGS

STAINLESS STEEL

POWER CRIMP COUPLINGS

LOC, GL AND GLP COUPLINGS

POLARSEAL COUPLINGS

POLARSEAL II COUPLINGS

C14 COUPLINGS

PCTS THERMOPLASTIC COUPLINGS

FIELD ATTACHABLE G1 & G2 COUPLINGS

FIELD ATTACHABLE C5 & C5E COUPLINGS

SURELOK AIR BRAKE COUPLINGS

ADAPTERS

QUICK DISCONNECT COUPLERS

LIVE SWIVEL

BALL VALVES

ACCESSORIES

EQUIPMENT AND PARTS