



C5C Hydraulic Hose—SAE 100R5

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 AII and SAE J1402 Type AII 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.

Temperature Range: Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). All-purpose fleet application (hot lube oil lines) -40°F to +300°F (-40°C to +149°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 Crimp Data Manual 35019):
C5 Field Attachable Couplings



Description	Product No.						Packaging	Standard Pack
4C5CXREEL	3658-1775	3/16	0.52	3,000	12,000	3.0	G	440
5C5CXREEL	3658-1776	1/4	0.58	3,000	12,000	3.4	G	385
6C5CXREEL	3658-1777	5/16	0.67	2,250	9,000	4.0	G	385
8C5CXREEL	3658-1778	13/32	0.77	2,000	8,000	4.6	H	330
10C5CXREEL	3658-1779	1/2	0.92	1,750	7,000	5.5	H	275
12C5CXREEL	3658-1780	5/8	1.08	1,500	6,000	6.5	H	220
16C5CXREEL	3658-1781	7/8	1.23	800	3,200	7.4	H	165
20C5CXCTN	3658-1758	1 1/8	1.50	625	2,500	9.0	A	100
24C5CXCTN	3658-1759	1 3/8	1.75	500	2,000	10.5	A	100
32C5CXCTN	3658-1760	1 13/16	2.22	350	1,400	13.3	D	100
40C5CXCTN	3658-1761	2 3/8	2.88	350	1,400	24.0	A	100

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.