



# Section 1

## Hydraulic Hose

### C5D High-Temp Multi-Fluid Hose

High Temp  
149°C

#### DOT FMVSS 106-74 Type All & SAE J1402 Type All (-4 to -12)

**Recommended For:** Petroleum-based phosphate ester fluids, diesel fluids and filtration lines, transmission coolant lines, hot lube oil lines, power steering (caution: intended for heavy-duty commercial vehicle use only), gasoline and turbocharger oil supplies. Tilt cab cylinder and air brakes.

**Standards:** C5D (-4 to -12) meets or exceeds DOT FMVSS 106-74 Type All, SAE J1402 Type All and SAE J1405 and fuel resistance of SAE J30R2. Not approved for bio diesel.



**Tube:** Black, oil- and heat-resistant synthetic rubber (CPE - Type J)

See *Characteristics Of Hose Stock Types*.

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

**Cover:** Green for easy identification, oil- and mildew-resistant polyester braid impregnated with synthetic rubber.

See *Characteristics Of Hose Stock Types*.

**Temperature Range:** -40°F to +300°F (-40°C to +149°C). Air to +250°F (+121°C) only.

Maximum phosphate esters to +212°F (+100°C).

For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose*.

**Couplings Recommendation:** (see *Southcott Crimp Data Book/Charts*)

Gates Field Fit (C5) Couplings (-4, -6, -10 AND -16)

Gates Field Fit (C5X) Couplings (-5, -8 and -12)

Refer [www.southcott.com.au](http://www.southcott.com.au) for current crimp specifications.

#### Hose Specifications

Part Number	⊖			⊘		⊙		⊙		⊙		Length (m)
	Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	
4C5D	4	3/16	5	0.52	13.2	1,500	103	6,000	414	1.0	25	134
5C5D	5	1/4	6	0.58	14.7	1,500	103	6,000	414	1.5	38	117
6C5D	6	5/16	8	0.67	17.0	1,500	103	6,000	414	1.8	46	117
8C5D	8	13/32	10	0.77	19.6	1,250	86	5,000	345	2.0	51	100
10C5D	10	1/2	12	0.92	23.4	1,250	86	5,000	345	2.0	51	83
12C5D	12	5/8	16	1.08	27.4	750	52	3,000	207	2.3	58	67
16C5D	16	7/8	22	1.23	31.2	400	27	1,600	110	3.5	89	50

#### Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product							
		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	
Standard	Gates Field Fit Series								
4C5D	4C5	HSG-01	SGX16	HTG-13	TEXS17	SB19	14LG3K	6SC4	
5C5D	5C5X	HSG-02	SGX16	HTG-15	TEXS20	SB22	14LG3K	6SC4	
6C5D	6C5	HSG-03	SGX20	HTG-18	TEXS20	SB25	16LG3K	6SC4	
8C5D	8C5X	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4	
10C5D	10C5	HSG-06	SGX25	HTG-22	TEXS27	SB29	22LG3K	10SC4	
12C5D	12C5X	HSG-08	SGX32	HTG-24	TEXS33	SB34	26LG3K	12SC4	
16C5D	16C5	HSG-10	SGX32	HTG-26	TEXS44	SB44	32LG3K	16SC4	