



Section 1

Hydraulic Hose

C5E High-Temp Flexline Hose



DOT FMVSS 106 Type A1, SAE J1405 & SAE J1402 Type A1 (-4 to -12)

Recommended For: Air brake hose, power steering (caution: intended for heavy duty commercial vehicle use only), engine and transmission coolant lines and hot (+300°F (+149°C)) lube oil lines. Not recommended for gasoline or diesel fuel.



Tube: Black, oil- and heat-resistant synthetic rubber (Nitrile - Type C)

See *Characteristics Of Hose Stock Types*.

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

Cover: Black, oil- and heat-resistant textile braid impregnated with synthetic rubber.

Green stripe for easy identification.

See *Characteristics Of Hose Stock Types*.

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

maximum only.

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

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

Gates Field Fit (C5E) Couplings

Child Super Crimp (S) Series Couplings (-5 to -12 only)

Child Power Crimp (P) Series Couplings (-4 only)

Refer 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	
4C5E	4	3/16	5	0.49	12.5	1,500	103	6,000	414	0.8	20	134
5C5E	5	1/4	6	0.55	14.0	1,500	103	6,000	414	1.0	25	117
6C5E	6	5/16	8	0.61	15.5	1,500	103	6,000	414	1.3	33	117
8C5E	8	13/32	10	0.73	18.5	1,250	86	5,000	345	1.8	46	100
10C5E	10	1/2	12	0.83	21.1	1,250	86	5,000	345	2.8	71	83
12C5E	12	5/8	16	0.95	24.1	750	52	3,000	207	3.0	76	67
16C5E	16	7/8	22	1.20	30.48	400	28	1600	110	3.5	89	50

Additional Product

Hose Type	Couplings and Ferrules			Associated Protective Product							
	Standard	Gates Field Fit Series	Child 2 Piece Series		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
Coupling			Ferrule								
4C5E	4C5E	P	FSP-203	HSG-01	SGX16	HTG-13	TEXS17	SB19	14LG3K	6SC4	
5C5E	5C5E	S	FSP-204	HSG-02	SGX16	HTG-15	TEXS17	SB19	14LG3K	6SC4	
6C5E	6C5E	S	FNP-05	HSG-03	SGX20	HTG-18	TEXS23	SB25	16LG3K	6SC4	
8C5E	8C5E	S	FNP-06	HSG-04	SGX20	HTG-20	TEXS23	SB25	20LG3K	8SC4	
10C5E	10C5E	S	FSP-208	HSG-06	SGX25	HTG-22	TEXS25	SB29	22LG3K	10SC4	
12C5E	12C5E	S	FNP-10	HSG-08	SGX32	HTG-24	TEXS31	SB34	26LG3K	12SC4	
16C5E	16C5E	-	-	HSG-09	SGX32	HTG-24	TEXS36	SB34	32LG3K	16SC4	