



Section 1

Hydraulic Hose

EFG3K Spiral Wire Hose - SAE 100R12

3,000psi
210 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G

Recommended For: Extremely high pressure, high impulse applications.

Standards: Exceeds all requirements of ISO 18752 Grade D, SAE 100R12, EN 856 R12 and performance requirements of EN 856 4SP and ISO 3862 Type R12. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum-based fluids. Also available in long lengths.

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

See *Characteristics Of Hose Stock Types*.

Reinforcement: Four alternating layers of spiraled, high-tensile steel wire.

Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A).

Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® cover.

See *Characteristics Of Hose Stock Types*.

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

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



Refer www.southcott.com.au for current crimp specifications

Hose Specifications

Part Number		⊖			⊕		⊖		⊖		⊖		Length (m)	
Standard	MegaTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Carton	Bulk
20EFG3K	-MTF	20	1-1/4	31	1.85	47.0	3,000	210	12,000	840	8.2	208	15	61
24EFG3K	-MTF	24	1-1/2	38	2.11	53.6	3,000	210	12,000	840	10.0	254	15	61
32EFG3K	-MTF	32	2	51	2.63	66.8	3,000	210	12,000	840	25.0	635	15	61

Additional Product

Hose Type	Couplings and Ferrules				Associated Protective Product							
	Gates		Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	
Standard	2 Piece Series		2 Piece Series									
MegaTuff	Coupling	Ferrule	Coupling	Ferrule								
20EFG3K	20GS	20GS1F-4	-	-	HSG-14	SGX50	HTG-38	TEXS60	SB60	-	-	
24EFG3K	24GSP	24GSP1F-4	S	FNS-24	HSG-15A	SGX63	HTG-44	TEXS73	SB67	-	-	
32EFG3K	32GSP	32GSP1F-4	-	-	HSG-16	SGX75	HTG-64	TEXS93	SB79	-	-	