



Section 1

Hydraulic Hose

G8K Spiral Wire Hose. Ultra High Pressure Meets Flame Resistance Acceptance Designation MSHA 2G

8,000psi
551 Bar

Recommended For: Ultra high pressure, high impulse applications such as hydrostatic transmissions for use in the construction, agriculture, forestry, underground or open pit mining, or other industries on applications where extremely high pressure capability is required. G8K hose and couplings offer industry-leading bend radius capability which leads to ease of routing and installation, longer hose life in flexing applications and fewer bend tube fitting requirements.



Tube: Black, oil resistant, Polychloroprene - Type A tube material allows for the high pressure, high temperature performance required in these demanding applications. See *Characteristics Of Hose Stock Types*.

Reinforcement: Six alternating layers of high-tensile steel wire spiral construction.

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

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*.

Couplings Recommendation:

Gates G8K Couplings

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	mm	Carton	Bulk
12G8K	12		3/4	19	1.36	34.5	8,000	551	32,000	2,206	9.5	241	30	-
16G8K	16		1	25	1.66	42.2	8,000	551	32,000	2,206	12.0	304	30	-

Additional Product

Hose Type	Couplings and Ferrules		Associated Protective Product						
	Gates		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
Standard	2 Piece Series Coupling	Ferrule							
12G8K	12G8K	12G8K1F	HSG-11	SGX40	HTG-28	TEXS47	SB41	-	-
16G8K	16G8K	16G8K1F	HSG-13	SGX50	HTG-32	TEXS55	SB48	-	-