

Section 1 Hydraulic Hose



Global M3K Mega3000™ Hose SAE 100R17

3,250psi
225 Bar

Meets Flame Resistance Acceptance Designation MSHA 2G and ISO 11237 R17

Recommended For: High pressure hydraulic applications.

Standards: Exceeds ISO 18752 Grade B, SAE 100R17 and ISO 11237 R17 working pressure, minimum bend radius requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

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

See *Characteristics Of Hose Stock Types*.

Reinforcement: Braided high-tensile steel wire. 1 braid (-4, -5, -6, -8) or 2 braid (-10, -12, -16).

Cover: Black, oil-, abrasion- and weather-resistant synthetic rubber (Nitrile/PVC - Type C2). Colour-coded layline. Also available with unique abrasion-resistant MegaTuff® or XtraTuff™ cover.

See *Characteristics Of Hose Stock Types*.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

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



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

Gates GlobalSpiral™ (GS) Couplings (-6 through -16)

Gates MegaCrimp® (G) Couplings

Child Super Crimp (S) Series Couplings

Child Ezi Crimp (E) Series Couplings (excluding -10 & -16)

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

Hose Specifications

Part Number			⊖			⊕		⊕		⊕		⊕		Length (m)
Standard	MegaTuff	XtraTuff	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm	Reel
4M3K	-MTF	-XTF	4	1/4	6	0.48	12.2	3,250	225	13000	900	1.5	38	134
6M3K	-MTF	-XTF	6	3/8	10	0.63	16.0	3,250	225	13,000	900	2.0	51	100
8M3K	-MTF	-XTF	8	1/2	12	0.80	20.3	3,250	225	13,000	900	2.8	71	67
10M3K	-MTF	-XTF	10	5/8	16	0.99	25.2	3,250	225	13,000	900	3.0	76	67
12M3K	-MTF	-XTF	12	3/4	19	1.15	29.2	3,250	225	13,000	900	3.8	97	67
16M3K	-MTF	-XTF	16	1	25	1.48	37.6	3,250	225	13,000	900	4.5	114	50

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	1 Piece Series	2 Piece Series Coupling	Ferrule	1 Piece Series	2 Piece Series Coupling	Ferrule								
MegaTuff														
XtraTuff														
4M3K	4G	-	-	E	S	FN3P-04	HSG-01	SGX12	HTG-13	TEXS17	SB19	14LG3K	6SC4	
6M3K	6G	6GS	6GS1F-2	E	S	FN3P-06	HSG-02	SGX16	HTG-16	TEXS23	SB22	16LG3K	6SC4	
8M3K	8G	8GS	8GS1F-2	E	S	FN3P-08	HSG-04	SGX20	HTG-18	TEXS27	SB25	20LG3K	8SC4	
10M3K	10G	10GS	10GS1F-2	-	S	FNP-10	HSG-07	SGX25	HTG-22	TEXS31	SB29	22LG3K	10SC4	
12M3K	12G	12GS	12GS1F-2	E	S	FNP-12	HSG-09	SGX32	HTG-24	TEXS36	SB34	26LG3K	12SC4	
16M3K	16G	16GS	16GS1F-4	-	S	FNS-16	HSG-11	SGX40	HTG-30	TEXS44	SB41	32LG3K	16SC4	