

# Section 1 Hydraulic Hose



## MultiMaster™ GMV Megaflex® Return Line/Suction, Fuel Transfer, Coolant Applications

High Temp  
135°C

### MSHA-approved cover for critical and mining applications

**Recommended For:** Hydraulic return and suction lines transferring refined fuels or other petroleum products, and coolant lines. Applications requiring excellent flexibility and maximum resistance to air, water, coolant, petroleum lubricating oils and refined fuels.



**Standards:** Meets or exceeds SAE 100R4. Meets SAE J30R5 and SAE J20R5\* (\*except tube dimensions).

**Tube:** Nitrile, black.

**Reinforcement:** Synthetic, high tensile textile reinforcement with steel wire helix.

**Cover:** Polychloroprene. Black, corrugated.

See *Hose Stock Characteristics*.

**Temperature Range:** -40°F to +275°F (-40°C to +135°C) Laboratory tested for normal service. Increased operating temperatures will reduce hose assembly service life. Warning: Do not convey fuels over +120°F (+49°C) and for coolant applications (20R5) max temperature is +212°F (+100°C).

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

#### Hose Specifications

Part Number	⊖			⊘		⊙		⊕		Length Reel	
	Standard	Dash	in	DN	in	mm	psi	bar	in		mm
12MULTIMASTER-GMV	12		3/4	19	1.20	30.5	350	24.1	0.8	20	30
16MULTIMASTER-GMV	16		1	25	1.41	35.8	300	20.7	1.0	25	30
20MULTIMASTER-GMV	20		1-1/4	32	1.66	42.2	250	17.2	1.3	33	30
24MULTIMASTER-GMV	24		1-1/2	38	1.90	48.3	150	10.3	1.5	38	30
32MULTIMASTER-GMV	32		2	51	2.39	60.7	150	10.3	2.0	51	30
40MULTIMASTER-GMV	40		2-1/2	63	2.94	74.7	150	10.3	2.5	64	30

Also available in 3", 4" and 6"

#### Couplings and Additional Products

Hose Type	Couplings and Ferrules						Associated Protective Product Guide					
	Gates				Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Hose Clamp
	1 Piece Series	1 Piece Series	2 Piece Series Coupling	2 Piece Series Ferrule	2 Piece Series Coupling	2 Piece Series Ferrule						
12MULTIMASTER-GMV	-	12GL	-	-	S	FSS-12	HSG-09	SGX32	HTG-26	TEXS47	SB34	TTBY29-31P
16MULTIMASTER-GMV	16G	16GL	-	-	S	FSP-216	HSG-11	SGX40	HTG-32	TEXS55	SB41	TTBY34-37P
20MULTIMASTER-GMV	20G	20GL	-	-	S	FSP-220	HSG-13	SGX50	HTG-34	TEXS66	SB54	TTBY40-43P
24MULTIMASTER-GMV	-	24GL	24GSP	24GSP1F-2	S	FSP-424	HSG-14	SGX50	HTG-38	TEXS73	SB60	TTBY46-49P
32MULTIMASTER-GMV	-	32GL	32GSP	32GSP1F-2	S	FSP-432	HSG-15A	SGX63	HTG-56	TEXS93	SB73	TTBY58-61P
40MULTIMASTER-GMV	-	40GL	-	-	-	-	HSG-16	SGX90	HTG-64	TEXS112	SB86	TTBY71-76P

#### Beaded Product

Hose Type	Child Beaded Couplings (use clamps)				
	BSPT Male/Female	BSPF Male/Female	NPT Male/Female	Metric Male/Female	SAE O-Ring Boss Male/Female
12MULTIMASTER-GMV	CB4, CB5, CB41, CB60	CP4, CR4, CB5, CP60	CN4, CN41	-	C5, C41, C60
16MULTIMASTER-GMV	CB4, CB5, CB41, CB60	CP4, CR4, CB5, CP60	CN4, CN41	CM4	C5, C41, C60
20MULTIMASTER-GMV	CB4, CB5, CB41, CB60	CP4, CR4, CB5, CP60	CN4, CN41	CM4	C5, C41, C60
24MULTIMASTER-GMV	CB4, CB41, CB60	CP4, CR4, CP60	CN4, CN60	CM4	C5, C41, C60
32MULTIMASTER-GMV	CB4, CB60	CP4	CN4	-	-
40MULTIMASTER-GMV	CB4	-	-	-	-