



Section 1

Hydraulic Hose

LOC 1-Fibre Braid Lock-On Hose

Recommended For: Petroleum-base hydraulic oils, water, glycol antifreeze solutions, engine lubricating oils and air. Lock-On hose and couplings are NOT recommended for pressure surge applications or critical applications such as permanent piping in residential or commercial buildings. Do not use for gasoline or diesel fuels unless approved by Gates H/C Product Application.

Standards: Meets SAE 30R2, SAE 30R6 and SAE 30R7 performance requirements for fuel and B20 biodiesel fuel transfer applications up to +125°F (51.6°C).



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

See *Characteristics Of Hose Stock Types*.

Reinforcement: One fibre braid.

Cover: Oil- and mildew-resistant textile braid impregnated with synthetic rubber.

See *Characteristics Of Hose Stock Types*.

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

Air -40°F to +160°F (-40°C to +71°C).

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

Couplings Recommendation:

Gates Field Attachable (LOC) Couplings

Child Push On (L) Series Couplings

Gates (GLP) Couplings

Use clamps over beaded 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	
4LOC	4	1/4	6	0.52	13.2	300	21	1,200	83	3.0	76	91
6LOC	6	3/8	10	0.64	16.3	300	21	1,200	83	3.0	76	91
8LOC	8	1/2	12	0.80	20.3	300	21	1,200	83	5.0	127	91
10LOC	10	5/8	16	0.90	22.9	300	21	1,200	83	6.0	152	76
12LOC	12	3/4	19	1.00	25.4	300	21	1,200	83	7.0	178	68

Additional Product

Hose Type	Couplings			Associated Protective Product							
	Gates		Child	Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	Hose Clamp
Standard	1 Piece GLP	LOC ON	Push Lock								
4LOC	4GLP	4LOC	L	HSG-02	SGX16	HTG-13	TEXS20	SB22	14LG3K	6SC4	MH004
6LOC	6GLP	6LOC	L	HSG-02	SGX20	HTG-15	TEXS23	SB25	14LG3K	6SC4	HS006
8LOC	8GLP	8LOC	L	HSG-05	SGX20	HTG-18	TEXS27	SB34	16LG3K	6SC4	HS008
10LOC	10GLP	10LOC	L	HSG-07	SGX25	HTG-20	TEXS31	SB34	20LG3K	8SC4	HS012
12LOC	12GLP	12LOC	L	HSG-09	SGX25	HTG-22	TEXS36	SB41	26LG3K	12SC4	HS012