

LOW PRESSURE

TUBE: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile – Type C)*.

REINFORCEMENT: Double spiral textile reinforced with a helical spiral-wire to prevent collapse.

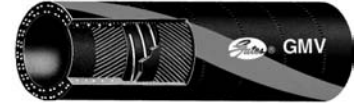
COVER: Black synthetic rubber is oil and abrasion resistant. (Neoprene)*.

TEMPERATURE RANGE: -40°C to +135°C (-40°F to +275°F) constant and +300°F (+149° C) intermittent (up to 10% of operating time).

RECOMMENDED FOR: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE 100R4. Uses half the bend radius of SAE 100R4.

COUPLINGS: MegaCrimp® pages 55. For -24 to -32 use PC.

Global MegaVac® Return Line And Suction Hose



SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	VACUUM (HG)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	BOX QUANTITY
RB&H #	GATES REFERENCE #							
12GMV+(G4H+)	4504-0123	¾	1.22	25	350	1,400	2.5	100
16GMV+(G4H+)	4504-0003	1	1.45	25	300	1,200	3.0	100
20GMV+(G4H+)	4504-0004	1 ¼	1.76	25	250	1,000	4.0	100
24GMV	3105-0004	1 ½	2.01	25	162	650	5.0	100
32GMV	3105-0006	2	2.51	25	112	450	6.0	100

To order by phone: **1-800-669-9650**

To order by fax: **1-800-736-0141**

GATES HYDRAULIC

LOW PRESSURE

SAE 100R4 Return and Suction Hose



FEATURES:

- Nitrile tube is oil resistant
- Neoprene cover is oil – abrasion resistant
- Braided fiber with spiral wire

BENEFITS:

- Long hose life
- Durable
- Prevents collapsing

MARKETS:

- Construction/Mining equipment
- Agricultural equipment

SIMILAR TO:
 Dayco – C
 Goodyear – 9040
 Imperial – U2
 Parker – 881
 Stratoflex - 219
 Weatherhead - H039

TUBE: Synthetic rubber (Nitrile).
REINFORCEMENT: Braided fiber with spiral wire to prevent collapsing.
COVER: Black, oil and abrasion-resistant synthetic rubber (Neoprene).
TEMPERATURE RANGE: -40°C to +100°C (-40°F to +212°F).
RECOMMENDED FOR: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds SAE 100R4 requirements.
COUPLINGS: Permanent C4 see page 78.

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)
RB&H #	AUTOMOTIVE REFERENCE #						
12C4	70054	¾	1.185	300	1,200	5	40
16C4	70055	1	1.482	250	1,000	6	60
20C4	70056	1 ¼	1.75	200	800	8	82
24C4	70057	1 ½	2.06	150	600	10	104
32C4	70058	2	2.44	100	400	12	131

For clamps refer to pages 455.

3-Fiber Braid Return Hose



FEATURES:

- Nitrile tube is oil resistant
- Neoprene cover is oil – abrasion resistant

BENEFITS:

- Long hose life
- Durable

MARKETS:

- Construction equipment
- Agricultural equipment



TUBE: Black, oil resistant synthetic rubber (Nitrile).
REINFORCEMENT: Three fiber braids.
COVER: Black, oil and abrasion resistant, synthetic rubber (Neoprene).
TEMPERATURE RANGE: For hydraulic oil line: -40°C to +135°C (-40°F to +275°F) constant and +149°C (+300°F) intermittent (up to 10% operating time) air +71°C (+160°) only.
RECOMMENDED FOR: Petroleum-base hydraulic oils, anti-freeze, air or water in low pressure fluid transfer or hydraulic system return lines. Generally connected to C4 stems, beaded nipples or tube type ports with worm gear clamps.
COUPLINGS: barbed stem or beaded tube with clamp only see page 336.

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	BOX QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #							
16RLC	70142	1	1.62	200	800	9	70	50
20RLC	70074	1 ¼	1.88	200	800	10	78	50
24RLC	70075	1 ½	2.12	200	800	11	91	100
28RLC	70143	1 ¾	2.38	200	800	12	10	50
32RLC	70076	2	2.56	200	800	13	10	50

GATES HYDRAULIC

LOW PRESSURE

TUBE: Black, synthetic rubber, oil resistant (Nitrile).
REINFORCEMENT: One fiber braid.
COVER: Black, synthetic rubber. Oil and abrasion resistant (Neoprene).
TEMPERATURE RANGE: -40°C to +100°C (-40°F to +212°F).
 Air to +71°C (+160°F) only.
RECOMMENDED FOR: Low pressure hydraulic oil return lines, or general purpose water, antifreeze solutions, or air. Similar to SAE 30R2, "type I". Gates RLA Hose has a higher burst pressure.
COUPLINGS: MegaCrimp® see pages 55.
 PC (-3 only)

**RLA 1-Fiber Braid
Return Line and
Low Pressure
General Purpose Hose**



- FEATURES:**
- Exceeds SAE 30R2, Type I burst pressure
 - One fiber braid – no wire
 - Gold layline for easy identification
- BENEFITS:**
- Versatile
 - Easy to cut and install

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	BOX QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #							
3RLA	70040	3/16	0.41	250	1,000	3	7	550
4RLA	70041	1/4	0.50	250	1,000	3	9	550
5RLA	70042	5/16	0.56	250	1,000	4	11	550
6RLA	70043	3/8	0.66	250	1,000	4	14	550
8RLA	70044	1/2	0.81	200	800	5	20	550
10RLA	70045	5/8	0.94	200	800	6	24	550
12RLA	70046	3/4	1.09	200	800	6	31	550
16RLA	70047	1	1.34	160	640	8	39	300

SIMILAR TO:
 Dayco - L1
 Imperial - R1

TUBE: Black, oil resistant textile braid highly resistant to oil and heat (Nitrile).
REINFORCEMENT: One fiber braid.
COVER: Oil and abrasion resistant black synthetic rubber (Neoprene). Also available in blue, green, red, yellow and gray colors.
TEMPERATURE RANGE: -40°C to +100°C (-40°F to +212°F).
 Air -40°C to +71°C (-40°F to 160°F).
RECOMMENDED FOR: Petroleum-base hydraulic oils, antifreeze solutions, water, hot lubricating oils, diesel fuels, and air. Lock-On hose and couplings are not recommended for vibration or pressure surge applications or for critical applications, such as permanent piping in residential or commercial buildings.
COUPLINGS: Reusable Lock-on brass see page 88.

**LOC 1-Fiber Braid
Lock-On Hose**



- FEATURES:**
- Textile braid cover is oil and mildew resistant
 - 250 psi W.P.
 - Push on fittings
- BENEFITS:**
- Long hose life
 - Easy to make field assemblies

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	VACUUM (HG)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	REEL QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #								
4LOC	70030	1/4	0.48	28	250	1,000	3	7	575
6LOC	70031	3/8	0.61	28	250	1,000	3	9	600
8LOC	70032	1/2	0.75	28	250	1,000	5	12	335
10LOC	70033	5/8	0.91	28	250	1,000	6	16	260
12LOC	70034	3/4	1.03	28	250	1,000	7	19	220

SIMILAR TO:
 Aeroquip - 1525
 Dayco - L4
 Goodyear - 9260
 Imperial - C1
 Parker - 821
 Stratoflex - 223
 Weatherhead - H100

GATES HYDRAULIC

LOW PRESSURE

**1-Fiber Braid
Low Pressure Hose
LOL Plus**



FEATURES:

- 300 psi WP in all sizes
- Available in colors
Black – LOLA
Blue – LOLB
Green – LOLG
Red – LOLR
Yellow – LOLY
Gray – LOLC
- Push on fittings
- Available on UPS shipping reels

BENEFITS:

- Reduce inventory/one hose for many applications
- Color coded for easy identification
- Freight savings
- Easy to make field assemblies

MARKETS:

- In-plant hydraulic equipment
- Agricultural equipment
- Construction equipment

APPLICATION:

- Farm tractor
- Forklift

TUBE: Black, oil resistant synthetic rubber highly resistant to oil and heat (Nitrile).

REINFORCEMENT: One fiber braid.

COVER: Oil and abrasion resistant black synthetic rubber (Neoprene). Available in black, blue, green, red, yellow, gray, and white colors.

TEMPERATURE RANGE: -40°C to +100°C (-40°F to +212°F).

Air -40°C to +71°C (-40°F to 160°F).

RECOMMENDED FOR: Petroleum-base hydraulic oils,

antifreeze solutions, water, hot lubricating oils, diesel fuels, and air. Lock-On hose and couplings are not recommended for vibration or pressure surge applications or for critical applications such as permanent piping in residential or commercial buildings.

COUPLINGS: Reusable Lock-on brass see page 88.

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	REEL QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #							
3LOLAPLUS	70650	3/16	0.41	300	1,200	3	6	300
3LOLBPLUS	70651	3/16	0.41	300	1,200	3	6	300
4LOLAPLUS	70657	1/4	0.47	300	1,200	3	7	300
4LOLBPLUS	70658	1/4	0.47	300	1,200	3	7	300
5LOLAPLUS	70664	5/16	0.53	300	1,200	3	8	300
6LOLAPLUS	70665	3/8	0.61	300	1,200	3	11	300
6LOLBPLUS	70666	3/8	0.61	300	1,200	3	11	300
8LOLAPLUS	70672	1/2	0.75	300	1,200	5	15	300
8LOLBPLUS	70673	1/2	0.75	300	1,200	5	15	300
8LOLRPLUS	70675	1/2	0.75	300	1,200	5	15	300
10LOLAPLUS	70679	5/8	0.91	300	1,200	6	20	250
12LOLAPLUS	70686	3/4	1.04	300	1,200	7	24	225
12LOLBPLUS	70687	3/4	1.04	300	1,200	7	24	225

All sizes and colors meet U.S. MSHA 2G

**Fuel Line Hose
25' Spools**



APPLICATION: For fuel line, vapor emission, and crankcase ventilation hose. It has a nitrile tube and hypalon cover to withstand grease, oil abrasion, and high temperatures under the hood, and is ozone resistant. Meets SAE 30R7 specifications.

COUPLINGS: brass with clamps see page 335.

SPECIFICATIONS

RB&H #	I.D.
GL1425	1/4"
GL51625	5/16"
GL3825	3/8"

*For a 250' reel add a "0" on the end of the RB&H#.