

## RLA 1-Fiber Braid Return Line and Low Pressure Hose

Low Pressure

**Recommended For:** Low-pressure hydraulic oil return lines for general purpose water, glycol antifreeze solutions, conveying diesel fuel, gasoline or air. Meets SAE 30R2 performance requirements of both Type 1 and Type 2 for fuel and B20 constant contact up to 125°F biodiesel fuel transfer applications.

**Tube:** Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

**Reinforcement:** One fiber braid (-3 to -10). Spiral braid (-12 to -16).

**Cover:** Black, synthetic rubber. Oil and abrasion resistant (Modified Nitrile - Type C2). See Hose Stock Characteristics.

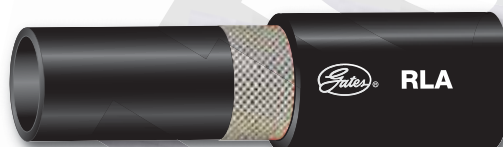
**Temperature Range:** -40°F to +212°F (-40°C to +100°C). Air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

**Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):**

GLP Couplings (except -3, -5 and -16) (Section J)

MegaCrimp® Couplings (except -3) (Section G)

Power Crimp® Couplings (-3 only) (Section I)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
RLA-03	3/16"	0.41	250	1,000	3.0
RLA-04	1/4"	0.50	250	1,000	3.0
RLA-05	5/16"	0.56	250	1,000	4.0
RLA-06	3/8"	0.66	250	1,000	4.0
RLA-08	1/2"	0.81	200	800	5.0
RLA-10	5/8"	0.94	200	800	6.0
RLA-12	3/4"	1.09	200	800	6.0
RLA-16	1"	1.34	160	640	8.0

## RLC 3-Fiber Braid Return Line and Low Pressure Hose

Low Pressure

**Recommended For:** Petroleum-base hydraulic oils, glycol antifreeze, air or water in low pressure fluid transfer or hydraulic system return lines. Generally connected to 100R4 stems, beaded nipples, or tube type ports with worm gear clamps.

**Tube:** Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

**Reinforcement:** Three fiber braids.

**Cover:** Black, oil and abrasion resistant, synthetic rubber (Modified Nitrile - Type C2). See Hose Stock Characteristics.

**Temperature Range:** For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time); air to +160°F (+71°C) only. For water emulsions see Temperature Limits Table.

**Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):**

Use barbed stem or beaded-tube with clamps only.



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
RLC-16	1"	1.62	200	800	9.0
RLC-20	1-1/4"	1.88	200	800	10.0
RLC-24	1-1/2"	2.12	200	800	11.0
RLC-28	1-3/4"	2.38	200	800	12.0
RLC-32	2"	2.56	200	800	13.0
RLC-36	2-1/4"	2.87	150	600	14.0
RLC-40	2-1/2"	3.12	150	600	16.0
RLC-48	3"	3.62	150	600	20.0
RLC-56	3-1/2"	4.12	150	600	24.0
RLC-72	4-1/2"	5.19	100	400	54.0