



GTHX High-Temp Fiber Spiral Hose—SAE 100R6 Low Pressure

Recommended For: Hydraulic oil lines, heavy-duty transmission oil cooler lines and glycol anti-freeze solutions. Meets or exceeds requirements of SAE 100R6.

Tube: Black, specially compounded, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Spiraled synthetic fiber.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). 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). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019):

- GLP Couplings
- MegaCrimp® Couplings



Description	Product No.						Packaging	Standard Pack
6GTHX XREEL	3289-0002	3/8	0.63	400	1,600	3.0	F	300

GMV Global MegaVac® Return Line and Suction Hose Low Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE100R4. Uses half the bend radius of SAE 100R4. Meets marine ABS with use of HeatGuard™ high temp sleeve.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile (braid for -12, -16 and -20) reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019):

- GL Couplings
- MegaCrimp® Couplings (-12 through -20)



Description	Product No.							Packaging	Standard Pack
12GMVXCTN	4504-0123	3/4	1.22	350	1,400	2.5	25	A	100
16GMVXCTN	4504-0003	1	1.45	300	1,200	3.0	25	A	100
20GMVXCTN	4504-0004	1 1/4	1.76	250	1,000	4.0	25	A	100
24GMVX100FT	3105-0004	1 1/2	2.01	162	650	5.0	25	T	100
32GMVX100FT	3105-0006	2	2.51	112	450	6.0	25	T	100
36GMVXCTN*	3105-0008	2 1/4	2.76	88	350	7.0	25	I	100
40GMVX100FT	3105-0010	2 1/2	3.02	68	275	7.0	25	T	100
48GMVX100FT	3105-0014	3	3.51	62	250	9.0	25	T	100
56GMVX100FT	3105-0015	3 1/2	4.01	56	225	10.0	25	T	100
64GMVX100FT	3105-0018	4	4.51	56	225	12.0	25	T	100

* Stem and clamp only, no Gates couplings available.





(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE100R4 (except 1" I.D.). Uses half the bend radius of SAE 100R4.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

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

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019):

- GL Couplings
- MegaCrimp® Couplings
- Use clamp over beaded nipple.



Description	Product No.	⊖	⊕	⊙	⊙	⊙	⊙	Packaging	Standard Pack
12G4HXCTN	3105-0022	3/4	1.17	300	1,200	2.5	25	D	100
16G4HXCTN	3105-0001	1	1.43	212	850	3.0	25	D	100
20G4HXCTN	3105-0036	1 1/4	1.68	200	800	4.0	25	A	100

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):

- GLP Couplings (except -3, -5 and -16)
- MegaCrimp® Couplings (except -3)
- Permanent Power Crimp® Couplings (-3 only)



Description	Product No.	⊖	⊕	⊙	⊙	⊙	⊙	Packaging	Standard Pack
3RLAXREEL	3284-0110	3/16	0.41	250	1,000	3.0	28	D	550
4RLAXREEL	3284-0120	1/4	0.50	250	1,000	3.0	28	D	550
5RLAXREEL	3284-0130	5/16	0.56	250	1,000	4.0	28	A	550
6RLAXREEL	3284-0140	3/8	0.66	250	1,000	4.0	28	A	550
8RLAXREEL	3284-0150	1/2	0.81	200	800	5.0	20	A	550
10RLAXREEL	3284-0160	5/8	0.94	200	800	6.0	15	A	550
12RLAXREEL	3284-0170	3/4	1.09	200	800	6.0	10	A	650
16RLAXREEL	3284-0180	1	1.34	160	640	8.0	10	A	400





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):
Use barbed stem or beaded-tube with clamps only.



Description	Product No.	⊖	⊕	⊙	⊚	⊛	⊜	Packaging	Standard Pack
16RLCXCTN	3319-0261	1	1.62	200	800	9.0	25	A	50
20RLCXCTN	3319-0263	1 1/4	1.88	200	800	10.0	25	A	50
24RLCXCTN	3319-0264	1 1/2	2.12	200	800	11.0	25	A	100
28RLCXCTN	3319-0265	1 3/4	2.38	200	800	12.0	25	A	50
32RLCXCTN	3319-0266	2	2.56	200	800	13.0	25	A	50
36RLCXCTN	3319-0267	2 1/4	2.87	150	600	14.0	25	A	50
40RLCXCTN	3319-0268	2 1/2	3.12	150	600	16.0	25	A	50
48RLCXCTN	3319-0270	3	3.62	150	600	20.0	25	A	50
56RLCXCTN	3319-0272	3 1/2	4.12	150	600	24.0	25	A	50
72RLCX10FT	3319-0273	4 1/2	5.19	100	400	54.0	25	—	10

MegaTech® LOC 1-Fiber Braid High-Temp Lock-On Hose

Low Pressure

Recommended For: High-temperature (300°F) transmission oil cooler lines, pressurized hot oil return lines and turbocharger oil supply lines. Meets or exceeds SAE J1019 performance specifications for high-temperature transmission and lubricating oil systems using petroleum base oils. Not recommended for gasoline or diesel fuel applications.

Tube: True-bore GTS (Gates Technical Spec.) black tube, specifically compounded for temperature and chemical resistance (CPE - Type J).

Reinforcement: One fiber braid.

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

Temperature Range: -40°F to +300°F (-40°C to +149°C).

Coupling Recommendation (See Crimp Data Manual 35019):

- Field Attachable LOC Couplings
- GLP Couplings (-4 to -12)
- MegaCrimp® Couplings (-16)



Description	Product No.	⊖	⊕	⊙	⊚	⊛	Packaging	Standard Pack
4MEGATECHLOCXREEL	4319-0106	1/4	0.50	300	1,200	3.0	D	575
6MEGATECHLOCXREEL	4319-0107	3/8	0.64	300	1,200	3.0	D	600
8MEGATECHLOCXREEL	4319-0108	1/2	0.78	300	1,200	5.0	D	335
10MEGATECHLOCXREEL	4319-0109	1/2	0.91	300	1,200	6.0	D	260
12MEGATECHLOCXREEL	4319-0110	3/4	1.08	300	1,200	7.0	D	220
16MEGATECHLOCXREEL	4319-0111	1	1.33	300	1,200	7.0	D	200

