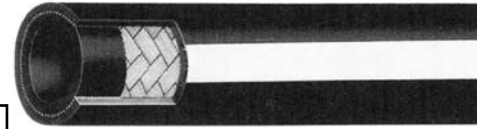


GATES HYDRAULIC

HIGH PRESSURE

TUBE: Black, oil resistant, synthetic rubber (Nitrile).
REINFORCEMENT: One braid of high tensile steel wire.
COVER: Black, oil abrasion and weather-resistant synthetic rubber (Modified Nitrile). Available with abrasion resistant megatuft (-MTF).
TEMPERATURE RANGE: -40°C to +93°C (-40°F to +200°F).
RECOMMENDED FOR: High pressure hydraulic oil lines. Exceeds SAE 100R1 & 100R2 performance requirements because M3K hose has smaller exterior dimensions and significantly tighter bend radius.
COUPLINGS: MegaCrimp® page 55.

M3K Mega3000® Hose
SAE 100R17



PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	MINIMUM WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	WT. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	REEL QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #							
4M3K	70485	¼	0.47	3,000	12,000	2.0	12	440
6M3K	70486	⅜	0.62	3,000	12,000	2.5	20	330
8M3K	70487	½	0.78	3,000	12,000	3.5	28	220
10M3K	70488	⅝	0.98	3,000	12,000	4.0	41	220
12M3K	70489	¾	1.14	3,000	12,000	4.75	59	220
16M3K	70485	1	1.48	3,000	12,000	6.0	105	165

SIMILAR TO: Weatherhead H145

Abrasion resistant covers available

XTRATUFF™ COVER SPECIFICATIONS							
PRODUCT I.D.		RATED HOSE I.D. (IN.)	MIN. HOSE O.D. (IN.)	MIN. WORKING PRESSURE (PSI)	WT. BURST PRESSURE (PSI)	BEND RADIUS (IN.)	REEL QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #						
4M3K-XTF	70569	¼	0.47	3,000	12,000	2.0	440
5M3K-XTF	70568	⅙	0.59	3,000	12,000	2.2	385
6M3K-XTF	70570	⅜	0.62	3,000	12,000	2.5	330
8M3K-XTF	70571	½	0.78	3,000	12,000	3.5	220
10M3K-XTF	70572	⅝	0.98	3,000	12,000	4.0	220
12M3K-XTF	70573	¾	1.14	3,000	12,000	4.8	220
16M3K-XTF	70574	1	1.56	3,000	12,000	6.0	165

FEATURES:

- 3,000 psi in all sizes
- Exceeds 100R2 bend radius
- No internal skiving required
- -12 and -16 meet or exceed SAE 100R9
- Available on UPS shipping reel sizes 4-16

MARKETS:

- In-plant equipment
- Forklift
- Mobile equipment
- Agricultural equipment

APPLICATION:

- Material handling
- Combine
- Farm tractor
- Logging equipment
- Mining equipment

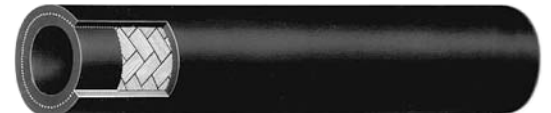
BENEFITS:

- Economical – one hose for all applications up to 3,000 psi
- Reduce stem inventory
- Flexible – easy to handle
- Can be used in light spiral applications

MEDIUM PRESSURE

TUBE: Black, oil-resistant synthetic rubber (Nitrile).
REINFORCEMENT: One braid of high-tensile steel wire.
COVER: Black, oil and abrasion-resistant synthetic rubber (Modified Nitrile).
TEMPERATURE RANGE: -40°C to +100°C (-40°F to +212°F).
RECOMMENDED FOR: Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R1 type AT.
COUPLINGS: Megacrimp page 55 or reusable page 81.

C1T G1 1-Wire Braid Hose
SAE 100R1 Type AT



SPECIFICATIONS								
PRODUCT I.D.		RATED HOSE I.D. (IN.)	MIN. HOSE O.D. (IN.)	MIN. WORKING PRESSURE (PSI)	WT. BURST PRESSURE (PSI)	BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	REEL QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #							
3G1	70200	⅙	0.47	3,625	14,500	3.5	12	440
4G1	70201	¼	0.53	3,275	13,100	4.0	14	440
5G1	70199	⅙	0.59	3,125	12,500	4.5	17	550
6G1	70202	⅜	0.69	2,600	10,400	5.0	23	385
8G1	70203	½	0.82	2,325	9,300	7.0	28	330
10G1	70275	⅝	0.94	1,900	7,600	8.0	33	220
12G1	70204	¾	1.10	1,525	6,100	9.5	49	220
16G1	70205	1	1.41	1,275	5,100	12.0	65	165
20G1	70271	1 ¼	1.72	925	3,700	16.0	88	100

FEATURES:

- No skiving required
- Sizes: ⅙" – 2"
- Nitrile tube is oil resistant
- USCG approved
- Available on UPS shipping reel in sizes 4 – 12. Order "UPS/catalog description"

BENEFITS:

- Easy to make assemblies
- Versatile
- Inventory Consolidation/ Stems used on many hose types
- Freight savings

MARKETS:

- Cleaning equipment
- Material handling
- Agricultural equipment

APPLICATION:

- Hot water washer equipment (hose must be pin-pricked)
- Fork lift truck

SIMILAR TO:
 Aeroquip - 2563
 Couplamatic - 50B7 & 5007
 Dayco - MX
 Goodyear - 9015
 Imperial - E7
 Parker - 421
 Stratoflex - 285
 Weatherhead - H104

GATES HYDRAULIC
MEDIUM PRESSURE

G3H (C3H) 2-Fiber Braid Hose SAE 100R3



TUBE: Black, synthetic rubber (Nitrile).
 REINFORCEMENT: Two fiber braids.
 COVER: Black, oil and abrasion resistant, synthetic rubber (Neoprene).
 TEMPERATURE RANGE: For hydraulic oil lines -40°F to +275°F.
 RECOMMENDED FOR: Hydraulic oil lines, anti-freeze solutions or water.
 Meets or exceeds requirements of SAE 100R3.
 COUPLINGS: PC (must skive) page

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)	BOX QUANTITY
RB&H #	FERRULE RB&H #	AUTOMOTIVE REFERENCE #								
4G3H	4PC2F-2	70127	¼	0.56	28	1,250	5,000	3	13	455
6G3H	6PC2F-2	70128	⅜	0.75	28	1,125	4,500	4	21	300
8G3H	8PC2F-2	70126	½	0.94	28	1,000	4,000	5	31	225
12G3H	12PC2F-4	70119	¾	1.25	28	750	3,000	6	49	160
16G3H	16PC2F-2	70120	1	1.50	20	565	2,250	8	61	100

SIMILAR TO:
 Aeroquip - 2583
 Dayco - H
 Goodyear - 9030
 Stratoflex - 204
 Weatherhead - H017

C6 1-Fiber Braid Hose SAE 100R6



TUBE: Black, specially compounded, synthetic rubber (Nitrile).
 REINFORCEMENT: One fiber braid.
 COVER: Black, oil and abrasion resistant, synthetic rubber (Neoprene).
 TEMPERATURE RANGE: For water/oil: Pressure line +200°F, return line +180°F; For hydraulic oil lines -40°C to 100°C (-40°F to +212°F).
 RECOMMENDED FOR: Hydraulic oil lines, anti-freeze solutions.
 Meets or exceeds requirements of SAE 100R6.
 COUPLINGS: MegaCrimp® page 55.
 PC (-3 only)

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	VACUUM (HG)	RATED WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	BOX QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #								
3C6	70100	⅜	0.44	28	500	2,000	2.0	8	715
4C6	70101	¼	0.50	28	400	1,600	2.5	9	550
5C6	70102	⅜	0.56	28	400	1,600	3.0	11	500
6C6	70103	⅜	0.63	28	400	1,600	3.0	13	400
8C6	70104	½	0.78	18	400	1,600	4.0	18	280

SIMILAR TO:
 Dayco - A
 Goodyear - 9060
 Imperial - A1
 Weatherhead - H009

GATES HYDRAULIC

MEDIUM PRESSURE - C5C AND LP GAS

**C5C SAE 100R5
Hydraulic Hose**

TUBE: Black oil and heat resistant synthetic rubber (Nitrile).
REINFORCEMENT: One braid of high tensile carbon steel wire over one braid of polyester.
COVER: Black, oil and mildew resistant polyester braid.
TEMPERATURE RANGE: Under SAE 100R5 conditions -40°C to +100°C (-40°F to +212°F). All-purpose fleet application service -40°C to +149°C (-40°F to +300°F). Air to +71°C (+160°F) only.
RECOMMENDED FOR: Medium pressure hydraulic petroleum-based oil lines in impluse applications, lube oil, air and water in applications such as air brakes, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines. Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications, DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12)). Not recommended for gasoline or diesel fuel.
COUPLINGS: C5 Reusable page 83.



FEATURES:

- Meets DOT FMVSS 106-74 type AII & RCCC RP (305)
- Meets SAE 100R5 & SAE J1402 type AII
- Nitrile tube is oil resistant
- Reusable couplings

MARKETS:

- Truck & bus

APPLICATION:

- Class 8 heavy truck

SPECIFICATIONS

RB&H	HOSE I.D. (IN.)	HOSE O.D. (IN.)	RATED WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	REEL QUANTITY
4C5C	3/16	0.52	3,000	12,000	3.0	15	440
5C5C	1/4	0.58	3,000	12,000	3.4	18	385
6C5C	5/16	0.67	2,250	9,000	4.0	23	385
8C5C	13/32	0.77	2,000	8,000	4.6	26	330
10C5C	1/2	0.92	1,750	7,000	5.5	36	275
12C5C	5/8	1.08	1,500	6,000	6.5	45	220
SIZES BELOW ARE NOT LISTED IN DOT FMVSS-106 SPECIFICATIONS							
16C5C	7/8	1.23	800	3,200	7.4	45	165
20C5C	1 1/8	1.50	625	2,500	9.0	53	100
24C5C	1 3/8	1.75	500	2,000	1.0	60	100
32C5C	1 13/16	2.22	350	1,400	1.3	82	100
40C5C	2 3/8	2.88	350	1,400	2.4	12	100

BENEFITS:

- Approved for truck & bus fleets
- Can be used with petroleum base oils
- Long hose life
- Easy field assembly

CAUTION: Power steering recommendation intended for heavy-duty commercial vehicle usage only

SIMILAR TO:
Aeroquip - FC300 Blue

GATES HYDRAULIC

MEDIUM PRESSURE - C5C AND LP GAS

C5D High Temp Multifluid Medium Pressure Hose



TUBE: Black, oil and heat resistant, synthetic rubber (CPE).
REINFORCEMENT: One braid of high tensile steel wire over one braid of polyester.
COVER: Green for easy identification, oil and mildew resistant, polyester braid impregnated with synthetic rubber.
TEMPERATURE RANGE: -40°C to +149°C (-40°F to +300°F). Air to 121°C (+250°F) only, phosphate esters to +100°C (+212°F).
RECOMMENDED FOR: Petroleum-base or phosphate ester fluids; diesel fuels and filtration lines, transmission coolant lines, hot lube oil lines, power steering and turbocharger oil supplies. Tilt cab cylinder and air brakes. C5D meets or exceeds DOT FMVSS 106-74 type ALL, SAE J1402 type All and SAEJ1019. Reusable couplings.
COUPLINGS: C5 Reusable page 83.

SPECIFICATIONS

PRODUCT I.D.		HOSE I.D. (IN.)	HOSE O.D. (IN.)	VACUUM (HG)	RATED WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)	REEL QUANTITY
RB&H #	AUTOMOTIVE REFERENCE #								
4C5D	70540	3/16	0.52	25	1,500	6,000	0.8	13	440
5C5D	70541	1/4	0.58	25	1,500	6,000	1.0	15	385
6C5D	70542	5/16	0.67	25	1,500	6,000	1.3	21	385
8C5D	70543	13/32	0.77	25	1,250	5,000	1.8	25	330
10C5D	70544	1/2	0.92	25	1,250	5,000	2.3	32	275
12C5D	70545	5/8	1.08	25	750	3,000	2.8	38	220
SIZES BELOW ARE NOT LISTED IN DOT FMVSS-106 SPECIFICATIONS									
16C5D	70546	7/8	1.23	25	400	1,600	3.5	42	165

SIMILAR TO:
 Aeroquip - FC300 Blue

LP Gas Hose



TUBE: Nitrile.
REINFORCEMENT: One fiber braid and one stainless steel braid.
COVER: Fiber braid.
TEMPERATURE RANGE: -40°C to +149°C (-40°F to +300°F).
RECOMMENDED FOR: Medium-pressure LP gas service, UL approved for LP gas applications.
COUPLINGS: 247 Series page 83.

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	HOSE O.D. (IN.)	WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	WT. PER 100 FT. (LBS)
3620C-3/16	3/16	0.520	350	1,750	3	—
3620C-5/16	5/16	0.672	350	1,750	4	18
H366-08	13/32	0.766	350	1,750	4 5/8	21

C5M Fuel Line Hose



TUBE: Nitrile – Type C.
REINFORCEMENT: One wire braid.
COVER: Modified Nitrile – Type C2* Blue.
TEMPERATURE RANGE: -20°C to +100°C (-4°F to +212°F).
RECOMMENDED FOR: On-shore/off-shore and marine diesel fuel and gasoline.
COUPLINGS: Brass or carbon steel C5 Field Attachable Couplings, page 83.

SPECIFICATIONS

RB&H #	HOSE I.D. (IN.)	HOSE O.D. (IN.)	RATED WORKING PRESSURE (PSI)	MIN. BURST PRESSURE (PSI)	MIN. BEND RADIUS (IN.)	REEL LENGTH (FT.)
5C5M	1/4	0.58	500	2,000	1.00	385
6C5M	5/16	0.67	500	2,000	1.25	385
8C5M	13/32	0.77	500	2,000	1.75	330
10C5M	1/2	0.92	500	2,000	2.25	275
12C5M	5/8	1.08	500	2,000	2.75	220
16C5M	7/8	1.23	500	2,000	3.5	165

GATES HYDRAULIC

MEDIUM PRESSURE - TYPE AI ENGINE HOSE

TUBE: Black, oil and heat resistant, synthetic rubber (Nitrile).
REINFORCEMENT: One braid of high tensile steel wire over one braid of polyester.
COVER: Black, oil and heat resistant, textile braid impregnated with synthetic rubber. Green stripe for easy identification.
TEMPERATURE RANGE: -40°C to +149°C (-40°F to 300°F). Air to +121°C (+250°F).
RECOMMENDED FOR: Air brake hose, power steering, fuel filter, engine and transmission coolant lines, and hot (+300°F) lube oil lines.
COUPLINGS: C5E Reusable page 86.

C5E Type AI Engine 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.)	WT. PER 100 FT. REEL (LBS)
RB&H #	AUTOMOTIVE REFERENCE #							
4C5E	70190	3/16	0.49	28	1,500	6,000	0.8	440
5C5E	70191	1/4	0.55	28	1,500	6,000	1.0	385
6C5E	70192	5/16	0.61	28	1,500	6,000	1.3	385
8C5E	70193	13/32	0.73	28	1,250	5,000	1.8	330
10C5E	70194	1/2	0.83	28	1,250	5,000	2.3	275
12C5E	70195	5/8	0.95	20	750	3,000	2.8	220
Sizes below are not listed in DOT FMVSS-106 Specifications								
16C5E	70196	7/8	1.20	15	400	1,600	3.5	165
20C5E	70197	1 1/8	1.49	-	300	1,250	4.5	100

FEATURES:

- Meets DOT FMVSS 106 type AI
- Meets SAE J1019 & SAE J1402 type AII
- +300 temperature capability

MARKETS:

- Truck & bus

APPLICATION:

- Class 8 heavy truck

BENEFITS:

- Approved for truck and bus fleets
- Long hose life under severe conditions

SIMILAR TO:

Stratoflex - 213
Weatherhead - H448

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	3/4	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 1/4	1.76	25	250	1,000	4.0	100
24GMV	3105-0004	1 1/2	2.01	25	162	650	5.0	100
32GMV	3105-0006	2	2.51	25	112	450	6.0	100