

GATES HYDRAULIC

EXTREMELY HIGH PRESSURE

Hydraulic Hose

G6K Spiral Wire Hose SAE 100R15



TUBE: Black, oil resistant, synthetic rubber (Neoprene).
REINFORCEMENT: Four alternating layers of spiraled, high-tensile steel wire and fabric. (Six for 1 ¼" hose)
COVER: Black, oil resistant, synthetic rubber (Neoprene).
 Dual gold stripe layline.
TEMPERATURE RANGE: -40°C to +121°C (-40°F to +250°F).
RECOMMENDED FOR: Extremely high pressure, high impulse applications such as hydrostatic transmissions. G6K is designed to meet all requirements of SAE 100R15 specifications.
COUPLINGS: GS (except -24) page 23
 PCM (-24 only) pages 39

FEATURES:

- 6,000 psi WP
- No internal skiving required
- Gold layline for easy identification

BENEFITS:

- Exceeds SAE 100R13 impulse test/WP
- Reduce inventory – one hose for 5,000 and 6,000 psi service
- Reduce chance of hydraulic system contamination and failure
- Time savings
- Equipment cost savings
- Easy to assemble with 3000B or OMNI machine

MARKETS:

- Logging
- Construction/Mining equipment
- Agricultural equipment
- Oil field equipment

APPLICATION:

- Harvesting equipment
- Logging equipment
- Injection mold machine
- Mobile construction equipment
- Hydrostatic drive

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 #	FERRULE RB&H #							
6G6K	6GS1F-4	3/8	0.80	6,000	24,000	5.0	48	100
8G6K	8GS1F-4	1/2	0.94	6,000	24,000	7.0	59	100
12G6K	12GS1F-4	3/4	1.24	6,000	24,000	9.5	98	100
16G6K	16GS1F-4	1	1.53	6,000	24,000	12.0	151	100
20G6K	20GS1F-6	1 1/4	1.97	6,000	24,000	16.5	271	50

Abrasion resistant covers available.

*Hose identification chart page 501.

GATES HYDRAULIC

EXTREMELY HIGH PRESSURE

C13(G5K) (EFG5K) Spiral Wire Hydraulic Hose SAE 100R13



TUBE: Black, oil resistant, synthetic rubber (Neoprene).
REINFORCEMENT: Four layers of alternating spiraled high-tensile steel wire over a layer of fabric on -10, -12 and -16 sizes – six layers of alternated spiraled, high-tensile steel wire over a layer of fabric on -20, -24, and -32 sizes.
COVER: Black, oil resistant, synthetic rubber (Neoprene). Red stripe.
TEMPERATURE RANGE: -40°C to +121°C (-40°F to +250°F).
RECOMMENDED FOR: Extremely high pressure hydraulic applications. G5K is designed to meet all requirements of SAE 100R13 specifications.
COUPLINGS: GS -10 thru -20 (no skiving) page 23
 PCM -24 and -32 (skiving required) page 39

FEATURES:

- 5,000 psi WP in all sizes
- +250°F temperature capability
- No internal skiving required
- USCG approved
- Meets US MSHA 2G flame resistance acceptance designation
- Red layline for easy identification

BENEFITS:

- Use for all 5,000 psi requirements 3/16" – 2"
- Full performance at high temperatures for longer hose life
- Quick, custom-made field assemblies
- Approved for marine applications
- For Biodegradable Hydraulic Fluids

MARKETS:

- Timber harvesting
- Construction/Mining equipment
- Agricultural equipment
- Industrial
- Marine
- Oil field equipment

APPLICATION:

- Combine
- Farm tractor
- Logging equipment
- Injection molding machine
- Mobile construction equipment
- Hydrostatic drive

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 #	FERRULE RB&H #							
6EFG5K	6GS1F-4	3/8	.80	5,000	20,000	5.0	53	100
8EFG5K	8GS1F-4	1/2	.94	5,000	20,000	7.0	63	100
10EFG5K	10GS1F-4	5/8	1.11	5,000	20,000	8.0	73	100
12EFG5K	12GS1F-4	3/4	1.26	5,000	20,000	9.5	99	100
16EFG5K	16GS1F-4	1	1.53	5,000	20,000	12.0	151	100
20EFG5K	20GS1F-6	1 1/4	1.97	5,000	20,000	16.5	271	50
24EFG5K	24PCM-2F	1 1/2	2.26	5,000	20,000	20.0	319	50
32EFG5K	32PCM-2F	2	2.81	5,000	20,000	25.0	471	50

SIMILAR TO:
 Aeroquip - FC273
 Dayco - NH
 Goodyear - 9130
 Imperial - N6
 Parker - 741/761/78C
 Cat - XTC6

Abrasion resistant covers available.