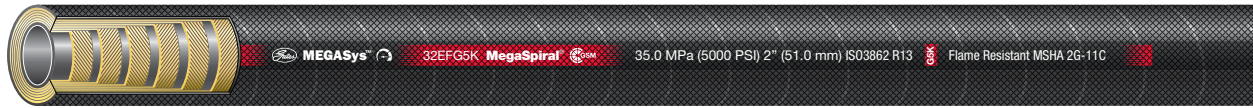


## EFG5K

CONSTANT PRESSURE



| -size | ↻  |       | ⊘    |      | ⊙    |      | 🌀     |       | ⤴   | ⚖       | 📏       |
|-------|----|-------|------|------|------|------|-------|-------|-----|---------|---------|
|       | DN | "     | "    | mm   | PSI  | MPa  | PSI   | MPa   | mm  | kg/100m | REF.    |
| -6    | 10 | 3/8   | 0.80 | 20.2 | 5000 | 35.0 | 20000 | 140.0 | 65  | 71      | 6EFG5K  |
| -8    | 12 | 1/2   | 0.95 | 24.0 | 5000 | 35.0 | 20000 | 140.0 | 90  | 89      | 8EFG5K  |
| -10   | 16 | 5/8   | 1.09 | 27.6 | 5000 | 35.0 | 20000 | 140.0 | 100 | 115     | 10EFG5K |
| -12   | 19 | 3/4   | 1.24 | 31.4 | 5000 | 35.0 | 20000 | 140.0 | 120 | 144     | 12EFG5K |
| -16   | 25 | 1     | 1.53 | 38.7 | 5000 | 35.0 | 20000 | 140.0 | 150 | 223     | 16EFG5K |
| -20   | 31 | 1.1/4 | 1.97 | 50.0 | 5000 | 35.0 | 20000 | 140.0 | 210 | 399     | 20EFG5K |
| -24   | 38 | 1.1/2 | 2.26 | 57.4 | 5000 | 35.0 | 20000 | 140.0 | 250 | 482     | 24EFG5K |
| -32   | 51 | 2     | 2.80 | 71.1 | 5000 | 35.0 | 20000 | 140.0 | 635 | 719     | 32EFG5K |


- RECOMMENDED FOR** Extremely high pressure and high impulse hydraulic applications.
- TUBE** NBR (Nitrile) based.
- REINFORCEMENT** Four (six for -20 to -32) alternating layers of spiralled, high tensile steel wire.
- COVER** CR (Chloroprene) based. MSHA approved.
- TEMPERATURE RANGE** -40°C to +121°C. For water emulsions, etc. see Engineering and technical data page 292.
- STANDARDS** Exceeds ISO 3862 R13. EN 856 R13. SAE 100R13.  
Meets or exceeds performance requirements of EN 856 4SP (-10 to -32) and EN 856 4SH (-20 to -32).
- COUPLINGS** -6 to -20: GlobalSpiral; -24, -32: GlobalSpiral Maximum.
- TYPE APPROVALS** LR, BV and ABS.
- CHARACTERISTICS/BENEFITS**
- Up to 40% of EN 856 4SP/4SH bend radius at rated working pressure.
  - Extremely flexible.
  - Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of EN 856 R13 and SAE 100R13 bend radii (except -32).
  - EFG5K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- OPTIONAL**
-  EFG5KL: for low-temperature applications, Gates recommends the EFG5KL range down to -57°C constant.

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