

## GATES Hydraulic hose EFG4K-XTF (R12) XtraTuff™

### Characteristics

**Type:** EFG4K-XTF

**Material of inner wall:** NBR

**Material of outer wall:** CR

**Quality cover:** Gates XtraTuff

**Temperature range [°C]:** -40 / 121 °C

**EN standard:** EN 856-R12

**SAE standard:** SAE 100 R12

**ISO standard:** ISO 3862 R12

### Application

- Extremely high pressure and high impulse hydraulic applications.

### Technical Information

**Temperature range:**

- 40°C to +121°C

### Construction

**Tube:**

- NBR (Nitrile) based.

**Reinforcement:**

- Four alternating layers of spiralled, high tensile steel wire.

**Cover:**

- CR (Chloroprene) based.
- MSHA approved.
- XtraTuff™

### Execution

- 40% of EN 856 4SP bend radius at rated working pressure.
- Most flexible EN 856 R12 / SAE 100R12 hose in the industry.
- Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of EN 856 R12 and SAE 100R12 bend radii.
- EFG4K-XTF hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- Gates special XtraTuff hose cover offers 25 times the abrasion resistance of the standard EFG4K cover as per ISO 6945.

### Approval

**Standards:**

- Exceeds ISO 3862 R12. EN 856 R12. SAE 100 R12.
- Meets or exceeds performance requirements of EN 856 4SP [-16, -20].

**Type approval:**

- DNV

### Options

**Recommended couplings:**

- GlobalSpiral™



Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Article
		in	mm	bar	bar	mm		
6EFG4K-XTFXLL	DN10	3/8"	20.3	280	1120	65	Black	14606960
8EFG4K-XTFXLL	DN12	1/2"	23.9	280	1120	90	Black	14606961
10EFG4K-XTFXLL	DN16	5/8"	27.7	280	1120	100	Black	14606962
12EFG4K-XTFXLL	DN19	3/4"	30.7	280	1120	120	Black	14606963
16EFG4K-XTFXLL	DN25	1"	38.1	280	1120	150	Black	14606964
20EFG4K-XTFXLL	DN31	1.1/4"	47	280	1120	210	Black	14606965

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