



## FIELD BULLETIN

# 4XP & 4XH – XTF Series

## XtraTuff™: the best alternative when you need a flexible, highly abrasion resistant hose

The Gates XtraTuff™ cover offers 25 times the abrasion resistance of standard cover hydraulic hose when tested as per ISO 6945 standard, while fully maintaining the flexibility. It guarantees excellent performance in hose-to-hose and hose-to-metal applications. Resistant to oil, ozone and UV-rays.

**Recommended For:** Extremely high pressure and high impulse hydraulic applications, Superior impulse performance: 4XP & 4XH hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

### Construction:

- **Tube:** Black, oil resistant, synthetic rubber (Nitrile - type C).
- **Reinforcement:** Four alternating layers of spiraled, high tensile steel.
- **Cover:** Black, oil resistant, & weather resistant Xtratuff synthetic rubber (Modified Nitrile – Type C2).

**Service Temperature Range:** -40°C to +100°C

SPECIFICATIONS							
Product No.	Description	I.D.	O.D.		Working Pressure	Burst Pressure	Minimum Bend Radius
		Inch	Mm	Inch	Bar	bar	Inch
46514832	8 4XP XTF	½	24.3	1.0	425	1700	4.7
46510833	10 4XP XTF	5/8	27.7	1.1	400	1600	5.5
46510834	12 4XP XTF	¾	31.5	1.2	380	1650	6.7
46510835	16 4XP XTF	1	39.0	1.5	320	1400	13.4
46510936	20 4XP XTF	1 ¼	49.8	2.0	210	1250	18.1
46510838	12 4XH XTF	¾	31.5	1.2	420	1680	8.3
46510839	16 4XH XTF	1	37.7	1.5	386	1544	8.7
46510840	20 4XH XTF	1 ¼	45.2	1.8	345	1400	16.5

### Recommended Coupling: Gates Global Spiral (GS) series.

*For crimp data please contact Gates representative.*

### Features

- Designed for maximum flow rates
- Minimal Kinking or Collapsing during use and handling.
- Cover designed for Superior Abrasion Resistance

*Due to continual product improvements, Gates reserves the right to alter specs. Without prior notice.*