

GATES HYDRAULIC HOSE - 4XP & 4XH SERIES

4XP HOSE <> EXTREMELY HIGH PRESSURE

Recommended For: Extremely high pressure, high impulse hydraulic applications. Most flexible EN 856 4SP hose in the industry. Superior impulse performance: tested to 1,000,000 impulse cycles at bend radius lower than EN 856 Standards. 4 XP hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum - based fluids.

Tube: Black, oil resistant, synthetic rubber [Nitrile].

Reinforcement: Four alternating layers of spiraled, high tensile steel wire.

Cover: Black, oil resistant, synthetic rubber [Nitrile].

Temperature Range: -40°C to +100°C [-40°F to +212°F]

Standard: Gates proprietary.

Packaging: Lengths in Reel or Carton

Special Features: Designed for maximum flow rates. Minimal Kinking or Collapsing during use and handling. Cover Designed for superior abrasion resistance.

***Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid. Superior Impulse performance : tested to 1,000,000 impulse cycles.**



ID (INCH)	OD (INCH)	OD (mm)	DESCRIPTION	WORKING PRESSURE (PSI)	WORKING PRESSURE (BAR)	MIN. BUST PRESSURE (PSI)	MIN. BUST PRESSURE (BAR)	MIN BEND RADIUS (INCH)	MIN BEND RADIUS (MM)
1/2	0.96	24.30	8 4XP	6150	425	24,600	1,700	4.70	119
5/8	1.09	27.70	10 4XP	5800	400	23,200	1,600	5.50	140
3/4	1.24	31.50	12 4XP	5500	380	23,925	1,650	6.70	170
1	1.54	39.00	16 4XP	4650	320	20,300	1,400	13.40	340
1 1/4	1.96	49.80	20 4XP	3050	210	12,200	840	18.10	460

4XH HOSE <> EXTREMELY HIGH PRESSURE

Recommended For: Extremely high pressure, high impulse applications. Most flexible EN 856 4SH hose in industry. Compatible with biodegradable hydraulic fluids like polyolester, polyglycols and vegetable oil as well as standard petroleum based fluids.

Tube: Black, oil resistant, synthetic rubber [Nitrile - type C].

Reinforcement: Four alternating layers of spiraled, high tensile steel.

Cover: Black, oil resistant, synthetic rubber [Neoprene - type A].

Temperature Range: -40°C to +100°C [-40°F to +212°F]

Standard: Gates proprietary.

Packaging: All lengths coiled.

Special Features: Designed for maximum flow rates. Minimal Kinking or Collapsing during use and handling. Cover Designed for superior abrasion resistance.

***Meets flame resistance acceptance designation 'MSHA 2G' for biodegradable hydraulic fluid. Superior Impulse performance : tested to 1,000,000 impulse cycles.**



ID (INCH)	OD (INCH)	OD (mm)	DESCRIPTION	WORKING PRESSURE (PSI)	WORKING PRESSURE (BAR)	MIN. BUST PRESSURE (PSI)	MIN. BUST PRESSURE (BAR)	MIN BEND RADIUS (INCH)	MIN BEND RADIUS (MM)
3/4	1.24	31.50	12 4 XH	6,100	420	26,100	1,800	8.30	211
1	1.48	37.70	16 4 XH	5,600	386	22,400	1,545	8.70	221
1 1/4	1.78	45.20	20 4 XH*	5,050	348	20,300	1,400	16.50	419

* To be Released

Megatuff cover lasts more than 300 times longer than standard hose during hose to hose and hose to metal abrasion test as per ISO 6945 EFG3K

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.