



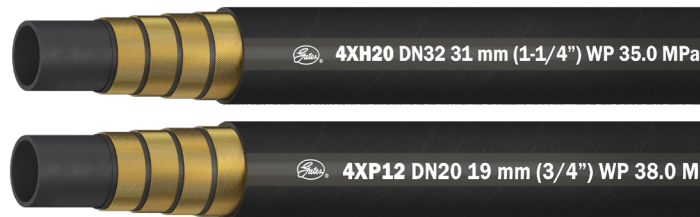
DRIVEN BY POSSIBILITY™

4XH & 4XP

HIGH PERFORMANCE WIRE SPIRAL SOLUTIONS FOR EN 856 STANDARDS

Built for high-pressure, high-impulse hydraulic systems, Gates 4XP and 4XH spiral wire hoses deliver the durability, reliability, and uptime needed in demanding environments. High-pressure performance above EN 856 standards, no-skive GlobalSpiral™ coupling technology and 1 million-cycle longevity ensure a secure fit and consistent performance operators who can't afford downtime.

**QUALIFIED FOR PERFORMANCE.
PROVEN IN THE FIELD. IMPULSE-CERTIFIED.**



FEATURES + BENEFITS

- **Maximise uptime:** 1 million impulse cycles
- **Simplify maintenance:** no-skive couplings
- **Confidence in harsh environments:** engineered to meet & exceed EN 856 standards

PRODUCT SPECIFICATIONS	4XP	4XH
REINFORCEMENT	4 layers, high-tensile steel wire	
TUBE	NBR (Nitrile)	
COVER	CR (Chloroprene), MSHA-approved	
TEMPERATURE RANGE	-40°C to +100°C	
STANDARD	Exceeds EN 856 4SP 1 000 000 Impulse Life cycles	Exceeds EN 856 4SH 1 000 000 Impulse Life cycles
COUPLINGS	GlobalSpiral	GlobalSpiral / GlobalSpiral Plus (-24)

APPLICATIONS

- High-pressure hydraulic systems
- Construction and mining equipment
- Industrial and agricultural machinery
- Heavy-duty off-highway vehicles



4XH

													
-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	m	kg/100m	REF.	
-12	19	3/4	1.26	32.0	6000	42.0	24000	168.0	210	61	147	4XH12	
-16	25	1	1.52	38.5	5600	38.6	22400	154.4	220	61	212	4XH16	
-20	31	1.1/4	1.78	45.2	5000	35.0	20000	140.0	420	61	268	4XH20	
-24	38	1.1/2	2.10	53.4	4200	30.0	16800	120.0	560	61	324	4XH24	

4XP

												
-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	m	kg/100m	REF.
-08	12	1/2	0.96	24.3	6150	42.5	24600	170.0	120	61	89	4XP08
-10	16	5/8	1.10	28.1	5800	40.0	23200	160.0	140	61	118	4XP10
-12	19	3/4	1.26	32.0	5500	38.0	22000	152.0	170	61	135	4XP12
-16	25	1	1.54	39.2	4650	32.0	18600	128.0	340	61	198	4XP16
-20	31	1.1/4	1.97	50.1	3000	21.0	12000	84.0	460	61	296	4XP20

BUILT FOR HEAVY-DUTY OPERATIONS - SHIFT AFTER SHIFT, CYCLE AFTER CYCLE