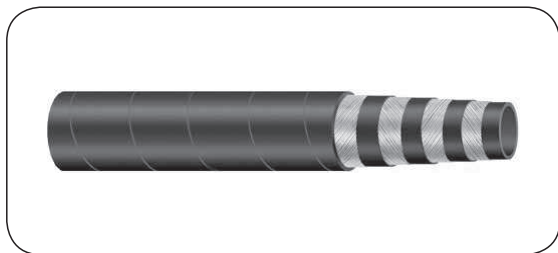


HIGH PRESSURE - hoses

Hydraulic rubber hoses (multispiral)



HW-4SP

Internal layer: Black synthetic rubber
Reinforcement: Four steel wire spirals
External layer: Black synthetic rubber
Working temp.: From -40°C up to +100°C
 (with peaks up to +125°C)

Characteristics: General purpose hydraulic hose.

Standards: EN 856 4SP, ISO 3862-1 4SP.

Assembly: Use Z type fittings, M and Z type ferrules - external skiving (IT-9, IT-31).
 Acceptable use of N type fittings - non-skived (IT-82).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SP-06	6.4	17.8	450	1800	150	0.62
HW-4SP-10	9.5	21.4	445	1780	180	0.85
HW-4SP-13	12.7	24.6	415	1660	230	0.93
HW-4SP-16	16	28.5	350	1400	250	1.15
HW-4SP-19	19	32.1	350	1400	300	1.55
HW-4SP-25	25.4	39.7	280	1120	340	2.03
HW-4SP-32	31.8	50.8	210	840	460	3.17
HW-4SP-38	38.1	57.1	185	760	560	3.66
HW-4SP-51	50.8	70.6	165	660	660	5.14



HI-PULSE 4SP

Internal layer: Black synthetic rubber
Reinforcement: Four steel wire spirals
External layer: Black synthetic rubber
Working temp.: From -40°C up to +100°C
 (with peaks up to +120°C)

Characteristics: General purpose hydraulic hose. Service life longer than required by the standard: 1,000,000 impulse cycles. The external layer is flame resistant, MSHA approved.

Standards: EN 856 4SP, ISO 3862-1 4SP.

Assembly: Use Z type fittings, M and Z type ferrules - external skiving (IT-9, IT-31).
 Acceptable use of N type fittings - non-skived.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SP-10P	9.5	21.4	460	1840	180	0.75
HW-4SP-13P	12.7	24	430	1720	230	0.90
HW-4SP-16P	15.9	27.6	350	1400	250	1.09
HW-4SP-19P	19	32.1	350	1400	300	1.51
HW-4SP-25P	25.4	38.7	320	1280	340	2.09
HW-4SP-32P	31.8	49.8	210	840	460	3.10
HW-4SP-38P	38.1	57.3	190	760	560	3.61
HW-4SP-51P	50.8	71.1	180	720	660	5.03