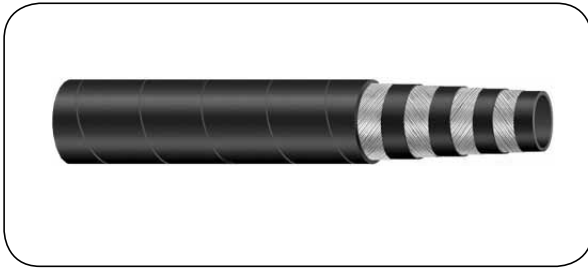


HIGH PRESSURE - hoses

Hydraulic rubber hoses (multispiral)



HW-4SH

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 4SH, ISO 3862-1 4SH.

Assembly: Use IL type fittings - external and internal skiving (IT-34).
 Acceptable use of Z type fittings and M type ferrules - external skiving (IT-11).
 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-4SH-19	19	32.2	420	1680	280	1.55
HW-4SH-25	25.4	38.7	380	1520	340	2.09
HW-4SH-32	31.8	45.5	325	1300	460	2.57
HW-4SH-38	38.1	53.5	290	1160	560	3.44
HW-4SH-51	50.8	68.1	250	1000	700	4.90



HI-PULSE 4SH

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 4SH, ISO 3862-1 4SH.

Assembly: Use IL type fittings - external and internal skiving (IT-34).
 Acceptable use of N type fittings - non-skived (IT-82).
 Acceptable use of Z type fittings and M type ferrules - external skiving (IT-11).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-4SH-19P	19	32.1	420	1680	280	1.51
HW-4SH-25P	25.4	38.7	390	1560	340	2.09
HW-4SH-32P	31.8	45.5	350	1400	460	3.10
HW-4SH-38P	38.1	52.5	290	1160	560	3.61
HW-4SH-51P	50.8	67.5	250	1000	700	5.03