

# HIGH PRESSURE - hoses

## Hydraulic rubber hoses



### HW-1SN

**Internal layer:** Black synthetic rubber  
**Reinforcement:** One steel wire braid  
**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 853-1SN, ISO 1436-1SN/R1AT, SAE 100R1AT.  
**Assembly:** Use Z and S type fittings - non-skived (IT-4, IT-37).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-1SN-05	4.8	11.6	250	1000	90	0.20
HW-1SN-06	6.4	13.3	225	900	100	0.23
HW-1SN-08	8	14.9	215	850	115	0.27
HW-1SN-10	9.5	17.3	180	720	130	0.34
HW-1SN-13	12.7	20.4	160	640	180	0.41
HW-1SN-16	16	23.5	130	520	200	0.51
HW-1SN-19	19	27.5	105	420	240	0.63
HW-1SN-25	25.4	35.4	88	350	300	0.95
HW-1SN-32	31.8	43.4	63	250	420	1.25
HW-1SN-38	38.1	50.1	50	200	500	1.59
HW-1SN-51	50.8	63.6	40	160	630	2.15



### PERFORMER 1SN

**Internal layer:** Black synthetic rubber  
**Reinforcement:** One steel wire braid  
**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 with service life exceeding the standard.  
 Service life: 300,000 impulse cycles min.  
**Standards:** EN 853-1SN, ISO 1436-1SN, SAE 100R1S-AT.  
**Assembly:** Use Z and S type fittings - non-skived (IT-4, IT-37).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-1SN-05P	4.8	11.5	250	1000	90	0.18
HW-1SN-06P	6.4	13.2	225	900	100	0.23
HW-1SN-08P	7.9	15	215	850	115	0.27
HW-1SN-10P	9.5	17.3	180	720	125	0.35
HW-1SN-13P	12.7	20.6	160	640	180	0.41
HW-1SN-16P	15.9	23.9	130	520	205	0.52
HW-1SN-19P	19	27.6	105	420	240	0.64
HW-1SN-25P	25.4	35.3	90	360	300	1.00
HW-1SN-32P	31.8	43.2	63	252	420	1.28
HW-1SN-38P	38.1	50.7	50	200	500	1.65
HW-1SN-51P	50.8	64.2	40	160	630	2.29