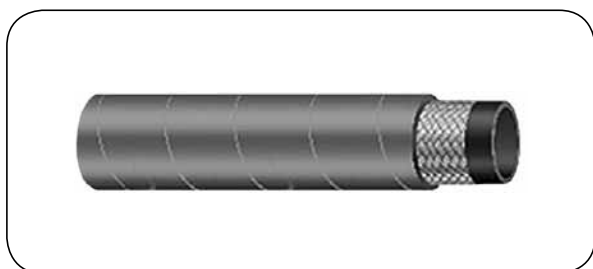


## HIGH PRESSURE - hoses

### Hydraulic rubber hoses (high temperature version)



#### ULTIMATE 1SN/HT

**Internal layer:** Black synthetic rubber  
**Reinforcement:** One steel wire braid  
**External layer:** Blue synthetic rubber  
**Working temp.:** From -50°C up to +135°C  
 (with peaks up to +150°C)

**Characteristics:** Hydraulic hose with wider working temperature range than required by the standard.

**Standards:** EN 853-1SN, ISO 1436-1SN, SAE 100R1-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-HT-06S	6.4	13.2	225	900	100	0.24
HW-1SN-HT-08S	8	14.8	215	850	115	0.28
HW-1SN-HT-10S	9.5	17.2	180	720	130	0.36
HW-1SN-HT-13S	12.7	20.4	160	640	180	0.45
HW-1SN-HT-16S	16	23.5	130	520	200	0.55
HW-1SN-HT-19S	19	27.5	105	420	240	0.64
HW-1SN-HT-25S	25.4	35.4	88	350	300	0.96
HW-1SN-HT-32S	31.8	43.5	63	250	420	1.36
HW-1SN-HT-38S	38.1	50	50	200	500	1.54
HW-1SN-HT-51S	50.8	63.6	40	160	630	2.09



#### THERMAL 1SN/HT

**Internal layer:** Black synthetic rubber  
**Reinforcement:** One steel wire braid  
**External layer:** Blue synthetic rubber  
**Working temp.:** From -40°C up to +135°C  
 (with peaks up to +150°C)

**Characteristics:** Hydraulic hose with wider working temperature range than required by 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-HT-06P	6.4	13.2	225	900	100	0.23
HW-1SN-HT-08P	7.9	15	215	860	115	0.28
HW-1SN-HT-10P	9.5	17.3	180	720	125	0.36
HW-1SN-HT-13P	12.7	20.6	160	640	180	0.42
HW-1SN-HT-16P	15.9	23.9	130	520	205	0.53
HW-1SN-HT-19P	19	27.6	105	420	240	0.65
HW-1SN-HT-25P	25.4	35.3	88	360	300	1.01
HW-1SN-HT-32P	31.8	43.2	63	252	420	1.29
HW-1SN-HT-38P	38.1	50.7	50	200	500	1.66
HW-1SN-HT-51P	50.8	64.2	40	160	630	2.32