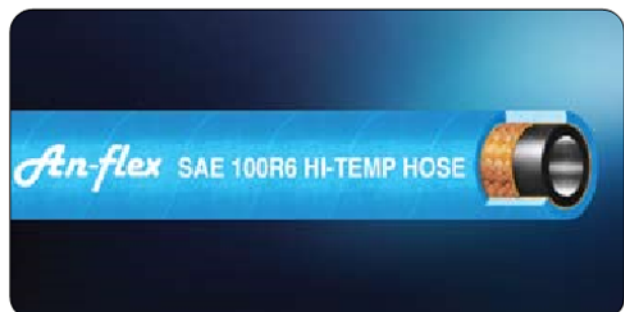


## SAE 100R6 HI-TEMP HOSE



High temperature hose for hydrocarbon fuels, including gasolines, alcohols, gasohols, kerosene, gas turbine and diesel fuels. Also engine coolants, hydraulic fluids, synthetic & petroleum lubricants and other industrial fluids.

**Tube** : High temperature hydraulic oil resistant special synthetic rubber.

**Reinforcement** : 1 high tensile synthetic textile braid.

**Cover** : Oil, abrasion and weather resistant special synthetic rubber.

**Operating Temperature** : -40 °C / +150 °C.

### Technical Features

Dash Size	I.D.		O.D.	Working Pressure		Burst Pressure		Bend Radius
	inch	mm		bar	psi	bar	psi	
-03	3/16"	4.8	10.7	34	493	136	1972	50
-04	1/4"	6.4	12.3	28	406	112	1624	65
-05	5/16"	8	13.9	28	406	112	1624	80
-06	3/8"	9.5	15.5	28	406	112	1624	80
-08	1/2"	12.7	19.5	28	406	112	1624	100
-10	5/8"	16	22.6	24	348	96	1392	125
-12	3/4"	19	25.8	21	305	83	1205	150
-16	1"	25.4	33.2	20	290	80	1160	170

## SAE 100R5 HI-TEMP HOSE



### SAE 100R5 HI-TEMP HOSE

Hose Size			I.D.	O.D.	Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (Approx.)
DN	inch	dash			bar	psi	bar	psi		
5	3/16	-4	4.8	12.9	207	3002	828	12006	75	0.260
6	1/4	-5	6.4	14.5	207	3002	828	12006	85	0.300
8	5/16	-6	8	16.8	155	2248	620	8990	100	0.375
10	13/32	-8	10.3	19.1	138	2001	552	8004	115	0.435
12	1/2	-10	12.7	22.9	121	1755	484	7018	140	0.595
16	5/8	-12	16	27.1	103	1494	412	5974	165	0.745
22	7/8	-16	22.2	30.8	55	798	220	3190	185	0.735
28	1.1/8	-20	28.6	37.6	43	624	172	2494	230	0.975
35	1.3/8	-24	34.9	44.5	34	493	136	1972	265	1.210
46	1.13/16	-32	46	56.4	24	348	96	1392	335	1.470
60	2.3/8	-40	60	73	24	348	96	1392	610	2.435

- Inner tube high temperature hydraulic oil resistant special synthetic rubber.
- Synthetic textile and high tensile steel wire braids reinforcement.
- Oil and weather resistant synthetic rubber impregnated cotton braid cover.
- Temperature resistant from -50 °C to +150 °C.
- Used for high pressure hydraulic systems in industry and mining where operating temperatures are up to 150 °C.

## SAE 100R1AT DIN EN 853-1SN HI-TEMP HOSE



**EN 853-1SN  
SAE 100R1AT  
HI-TEMP HOSE**

Hose Size			I.D.	O.D.	Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (Approx.)
DN	inch	dash	mm	mm	bar	psi	bar	psi	mm	kg/m
6	1/4	-4	6.4	13.2	225	3263	900	13050	100	0.240
8	5/16	-5	8	14.8	215	3118	850	12325	115	0.280
10	3/8	-6	9.5	17.2	180	2610	720	10440	130	0.360
12	1/2	-8	12.7	20.4	160	2320	640	9280	180	0.445
16	5/8	-10	16	23.5	130	1885	520	7540	200	0.545
19	3/4	-12	19	27.5	105	1523	420	6090	240	0.635
25	1	-16	25.4	35.4	88	1276	350	5075	300	0.960
31	1.1/4	-20	31.8	43.5	63	914	250	3625	420	1.355
38	1.1/2	-24	38.1	50	50	725	200	2900	500	1.535
51	2	-32	50.8	63.6	40	580	160	2320	630	1.090

- Inner tube high temperature hydraulic oil resistant special synthetic rubber.
- High tensile steel wire braid reinforcement.
- Oil, abrasion and weather resistant synthetic rubber cover.
- Temperature resistant from -40 °C to +150 °C.
- Used for high pressure hydraulic systems in industry and mining where operating temperatures are up to 150 °C.

## SAE 100R2AT DIN EN 853-2SN HI-TEMP HOSE



**EN 853-2SN  
SAE 100R2AT  
HI-TEMP HOSE**

Hose Size			I.D.	O.D.	Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (Approx.)
DN	inch	dash	mm	mm	bar	psi	bar	psi	mm	kg/m
6	1/4	-4	6.4	15	400	5800	1600	23200	100	0.400
8	5/16	-5	8	16.5	350	5075	1400	20300	115	0.465
10	3/8	-6	9.5	18.9	330	4785	1320	19140	130	0.575
12	1/2	-8	12.7	22.2	275	3988	1100	15950	180	0.680
16	5/8	-10	16	25.2	250	3625	1000	14500	205	0.800
19	3/4	-12	19	29.2	215	3118	850	12325	240	0.985
25	1	-16	25.4	37.2	165	2393	650	9425	300	1.380
31	1.1/4	-20	31.8	47.3	125	1813	500	7250	420	2.035
38	1.1/2	-24	38.1	53.7	90	1305	360	5220	500	2.280
51	2	-32	50.8	66.7	78	1131	310	4500	630	2.970

- Inner tube high temperature hydraulic oil resistant special synthetic rubber.
- High tensile 2 steel wire braids reinforcement.
- Oil, abrasion and weather resistant synthetic rubber cover.
- Temperature resistant from -40 °C to +150 °C.
- Used for high pressure hydraulic systems in industry and mining where operating temperatures are up to 150 °C.