

Hydraulic hose

SAE 100 R2 A

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Two braids consisting of hardened & tempered ,
Surface protected steel wires
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +100° C (+125° C for short period)



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
5	3/16	4.8	15.9	415	6000	830	1650	90	0.380
6	1/4	6.4	17.5	400	5800	800	1600	100	0.465
8	5/16	7.9	19.1	350	5075	700	1400	115	0.540
10	3/8	9.5	21.4	330	4800	660	1320	130	0.650
12	1/2	12.7	24.6	275	4000	550	1100	180	0.780
16	5/8	15.9	27.8	250	3625	500	1000	200	0.920
19	3/4	19.0	31.8	215	3100	430	850	240	1.110
25	1	25.4	39.7	165	2400	325	650	300	1.495
31	1 1/4	31.8	50.8	125	1800	250	500	420	2.275
38	1 1/2	38.1	57.2	90	1300	180	360	500	2.750
51	2	50.8	69.8	80	1160	160	320	630	3.480

SAE 100 R9 AT

- TUBE** : Oil resistant synthetic rubber
- REINFORCEMENT** : 4 high tensile steel wire spirals
- COVER** : Synthetic rubber, abrasion , ozone & weather resistant
- TEMPERATURE** : -40° C ~ +100° C continuous +125° C intermittent



DN	ID		OD	WP		BP		BR	
	mm	inch		mm	mm	bar	psi	psi	bar
10	3/8	9.5	19.8	310	4500	1240	18000	5.0	127
12	1/2	12.7	23.2	276	4000	1100	16000	7.5	178
19	3/4	19.0	30.4	207	3000	825	12000	9.5	241
25	1	25.4	38.8	207	3000	825	12000	12.0	305
32	1 1/4	31.8	48.5	172	2500	680	10000	16.5	419
38	1 1/2	38.1	57.0	138	2000	550	8000	20.0	508
51	2	50.8	71.2	138	2000	550	8000	26.0	660

Hydraulic hose

SAE 100 R12 / DIN EN 856

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Four high tensile steel wire spiral layers
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +125° C



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
10	3/8	9.5	20.3	276	4000	552	1104	130	0.70
12	1/2	12.7	23.8	276	4000	552	1104	180	0.84
16	5/8	15.9	27.4	276	4000	552	1104	200	1.10
19	3/4	19.0	30.7	276	4000	552	1104	240	1.33
25	1	25.4	38.0	276	4000	552	1104	300	1.85
31	1 1/4	31.8	47.0	207	3000	414	828	420	2.65
38	1 1/2	38.1	53.5	172	2500	344	688	500	3.20
51	2	50.8	66.7	172	2500	344	688	630	4.50

4SP DIN EN 856

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Four high tensile steel wire spiral layers
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +100° C (+120° C max)



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
10	3/8	9.5	21.4	445	6450	890	1780	180	0.78
12	1/2	12.7	24.6	415	6000	830	1660	230	0.93
16	5/8	15.9	28.2	350	5000	700	1400	250	1.17
19	3/4	19.0	32.2	350	5000	700	1400	300	1.48
25	1	25.4	39.7	280	4000	560	1120	340	2.02
31	1 1/4	31.8	50.8	210	3000	420	840	460	3.05
38	1 1/2	38.1	57.2	185	2650	370	740	560	3.52
51	2	50.8	69.8	165	2360	330	660	660	5.20

Hydraulic hose

4SH DIN EN 856

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Four high tensile steel wire spiral layers
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +100° C (+120° C max)



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
19	3/4	19.0	32.2	420	6095	840	1680	280	1.53
25	1	25.4	38.7	380	5515	760	1520	340	2.06
31	1 1/4	31.8	45.5	345	5000	690	1380	460	2.46
38	1 1/2	38.1	53.5	290	4200	580	1160	560	3.35
51	2	50.8	68.1	250	3625	500	1000	700	4.55

SAE 100 R13 / DIN EN 856

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Up to 1" four , from 1-1/4" six high tensile steel wire spiral layers
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +125° C



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
6	1/4	6.4	20.6	776	11250	1550	3100	127	0.93
10	3/8	9.5	23.8	690	10000	1380	2760	152	1.10
12	1/2	12.7	27.0	512	7500	1024	2070	200	1.35
19	3/4	19.0	32.0	345	5000	690	1380	240	1.65
25	1	25.4	39.2	345	5000	690	1380	300	2.25
31	1 1/4	31.8	49.8	345	5000	690	1380	420	3.60
38	1 1/2	38.1	57.3	345	5000	690	1380	500	4.75
51	2	50.8	71.9	345	5000	690	1380	630	6.90

Hydraulic hose

SAE 100 R15

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Up to 1-1/4" four , 1-1/2" six high tensile steel wire spiral layers
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +125° C



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
10	3/8	9.5	23.3	414	6000	827	1665	153	0.77
12	1/2	12.7	26.8	414	6000	827	1665	203	0.92
19	3/4	19.0	36.1	414	6000	827	1665	267	1.50
25	1	25.4	45.9	414	6000	827	1665	330	2.10
31	1 1/4	31.8	51.5	414	6000	827	1665	445	3.60
38	1 1/2	38.1	59.6	414	6000	827	1665	553	5.10
51	2	50.8	70.9	414	6000	827	1665		

SAE 100 R16

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Two high tensile steel wire braids
- COVER** : Abrasion & weather resistant synthetic rubber
- TEMPERATURE** : -40° C ~ +100° C



DN	ID		OD	WP		TP	BP	Bend Radius	Weight
	mm	inch		mm	mm				
6	1/4	6.4	14.4	345	5000	690	1379	50	0.26
8	5/16	7.9	15.7	293	4250	586	1172	57	0.31
10	3/8	9.5	18.8	276	4000	552	1103	63	0.40
12	1/2	12.7	21.9	241	3500	483	965	68	0.48
16	5/8	15.9	25.4	190	2750	380	758	100	0.55
19	3/4	19.0	28.9	155	2250	310	620	120	0.71
25	1	25.4	36.5	138	2000	276	552	150	1.00