

# Hydraulic hose

## 1 TE DIN EN 854

- TUBE** : Inner tube in high quality synthetic rubber
- REINFORCEMENT** : One textile braid
- 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
	inch	mm		mm	bar				
5	3/16	4.8	10.8	25	363	50	100	35	0.105
6	1/4	6.4	12.4	25	363	50	100	45	0.120
8	5/16	7.9	13.9	20	290	40	80	65	0.140
10	3/8	9.5	15.5	20	290	40	80	75	0.160
12	1/2	12.7	18.7	16	232	32	64	90	0.190
16	5/8	15.9	22.9	16	232	32	64	115	0.290

## 2 TE DIN EN 854

- TUBE** : Inner tube in high quality synthetic rubber
- REINFORCEMENT** : One textile braid
- 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
	inch	mm		mm	bar				
5	3/16	4.8	11.8	80	1160	160	320	35	0.135
6	1/4	6.4	13.4	75	1088	150	300	40	0.150
8	5/16	7.9	14.9	68	986	136	272	50	0.175
10	3/8	9.5	16.5	63	914	126	252	60	0.207
12	1/2	12.7	19.7	58	841	116	232	70	0.255
16	5/8	15.9	23.9	50	725	100	200	90	0.340
19	3/4	19.0	27.0	45	653	90	180	110	0.415
25	1	25.4	34.4	40	580	80	160	150	0.586

# Hydraulic hose

## 3 TE DIN EN 854

- TUBE** : Inner tube in high quality synthetic rubber compounds
- REINFORCEMENT** : Two textile braid
- 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
	inch	mm		bar	psi				
5	3/16	4.8	12.8	160	2320	320	640	40	0.150
6	1/4	6.4	14.4	145	2103	290	580	45	0.170
8	5/16	7.9	16.9	130	1885	260	520	55	0.240
10	3/8	9.5	18.5	110	1595	220	440	70	0.270
12	1/2	12.7	21.7	93	1349	186	372	85	0.255
16	5/8	15.9	25.9	80	1160	160	320	105	0.350
19	3/4	19.0	29.0	70	1015	140	280	130	0.460
25	1	25.4	35.4	55	798	110	220	150	0.520
31	1 1/4	31.8	42.3	45	653	90	180	190	0.850

## SAE 100 R3 DIN EN 854

- TUBE** : Oil resistant synthetic rubber
- REINFORCEMENT** : Two textile braids
- 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		bar	psi				
5	3/16	4.8	12.7	103	1494	206	412	80	0.140
6	1/4	6.4	14.3	86	1247	172	344	80	0.160
8	5/16	7.9	17.5	83	1204	166	332	100	0.250
10	3/8	9.5	19.1	78	1131	156	312	100	0.280
12	1/2	12.7	23.8	69	1001	138	276	125	0.410
16	5/8	15.9	27.0	60	870	120	240	140	0.470
19	3/4	19.0	31.8	52	754	104	208	150	0.650
25	1	25.4	38.1	39	566	78	156	205	0.780
31	1 1/4	31.8	44.5	26	377	52	104	255	0.990

# Hydraulic hose

## SAE 100 R4 DIN EN 854

- TUBE** : Oil resistant synthetic rubber
- REINFORCEMENT** : Two textile braids with helix wire
- 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				
19	3/4	19	32	20	300	40	94	125	0.79
25	1	25	38	17	250	34	71	152	0.99
30	1 3/16	30	41	15	220	30	60	185	0.95
32	1 1/4	32	43	14	206	28	56	200	1.01
35	1 3/8	35	47	13	190	26	52	230	1.19
38	1 1/2	38	50	10	150	20	48	250	1.28
40	1 9/16	40	53	8	118	16	35	255	1.47
42	1 21/32	42	55	8	118	16	35	260	1.53
45	1 3/4	45	57	8	118	16	35	280	1.47
51	2	51	65	7	100	7	30	305	2.00

## SAE 100 R5

- TUBE** : Oil resistant synthetic rubber
- REINFORCEMENT** : One textile & one single steel wire braid
- COVER** : Abrasion & weather resistant synthetic rubber with impregnated textile braid
- TEMPERATURE** : -40° C ~ +100° C ( to +121° C max )



DN	ID		OD	WP		BP		Bend Radius	Weight
	mm	inch		mm	mm	bar	psi		
5	3/16	4.8	13.2	207	3000	12000	827	76	0.212
6	1/4	6.4	14.8	207	3000	12000	827	86	0.225
8	5/16	8.0	17.2	155	2250	9000	620	102	0.319
10	13/32	10.3	19.5	138	2000	8000	552	117	0.365
12	1/2	12.7	23.4	121	150	7000	483	140	0.509
16	5/8	16.0	27.4	103	1500	6000	414	165	0.650
22	7/8	22.2	31.4	55	800	3200	221	187	0.650
29	1 1/8	28.6	38.1	43	625	2500	172	229	0.791
35	1 3/8	34.9	44.5	34	500	2000	138	267	0.945
46	1 13/16	46.0	56.4	24	350	1400	97	337	1.365
60	2 3/8	60	73	24	350	1400	97	610	1.700

# Hydraulic hose

## SAE 100 R6 DIN EN 854

- TUBE** : Oil resistant synthetic rubber
- REINFORCEMENT** : One textile braid
- 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	11.1	34	493	68	136	50	0.100
6	1/4	6.4	12.7	28	406	56	112	65	0.166
8	5/16	7.9	14.3	28	406	56	112	80	0.193
10	3/8	9.5	15.9	28	406	56	112	80	0.220
12	1/2	12.7	19.8	28	406	56	112	100	0.308
16	5/8	15.9	23.0	24	348	48	96	125	0.368
19	3/4	19.0	26.6	21	305	41	83	150	0.400