



PROVEEDORES DE TECNOLOGÍA EN MANGUERAS - CONEXIONES Y EQUIPOS.

CONSTRUCTION:

This hose is composed of a inner tube of oil synthetic rubber, a single wire braided reinforcement , and a oil weather resistant synthetic rubber cover

APPLICATIONS:

It is suitable to carry hydraulic fluids , such as hydraulic oil, fuel oil, lubricants , emulsion and water.

WORKING TEMPERATURE:

From -40°C up to+100°C

High Pressure Steel Wire Braided Rubber Hose



Size	Size	I.D.		W.D.		O.D.	W.P.			P.P.			B.P.			Min B.R.		W.T.
mm	Inch	Min	Max	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	kg/m
5	3/16	4.6	5.4	8.9	10.1	12.5	25.0	3625	250	50.0	7250	500	100	14500	1000	3.54	90	0.25
6.3	1/4	6.1	7.0	10.6	11.7	14.5	22.5	3262	225	45.0	6525	450	90	13050	900	3.94	100	0.27
8	5/16	7.7	8.5	12.1	13.3	15.7	21.5	3117	215	43.0	6235	430	86	12470	860	4.53	115	0.33
10	3/8	9.3	10.1	14.5	15.7	18.1	18.0	2610	180	36.0	5220	360	72	10440	720	5.12	130	0.38
12.5	1/2	12.3	13.5	17.5	19.1	21.5	16.0	2320	160	32.0	4640	320	54	7830	540	7.09	180	0.46
16	5/8	15.5	16.7	20.6	22.2	24.7	13.0	1885	130	26.0	3770	260	52	7540	520	7.87	200	0.54
19	3/4	18.6	19.8	24.6	26.2	28.6	10.5	1522	105	21.0	3045	210	42	6090	420	9.45	240	0.65
25	31/12	25.0	26.4	32.5	34.1	36.6	8.7	1261	87	18.0	2610	180	36	5220	360	11.81	300	0.84
31.5	1 1/4	31.4	33.0	39.3	41.7	44.8	6.2	899	62	13.0	1885	130	26	3770	260	16.54	420	1.07
38	1-1/2	37.7	39.3	45.6	48	52.1	5.0	725	50	10.0	1450	100	20	2900	200	19.69	500	1.18
51	2	50.4	52.0	58.7	61.9	65.9	4.0	580	40	8.0	1160	80	16	2320	160	24.80	630	1.58
64	2-1/2	63.1	65.1	66.8	68.8	70.0	3.0	435	30	6.0	870	60	12	1740	120	29.92	760	1.74
76	3	75.6	77.1	76.8	82.3	90.0	1.5	217	15	3.0	435	30	6	870	60	36.61	830	2.53
89	3-1/2	88.5	90.0	92.7	94.2	105.0	1.0	145	10	2.0	290	20	4	580	40	43.30	1100	2.87
102	4	101.0	103.0	107.2	109.2	116.0	1.0	145	10	2.0	290	20	4	580	40	49.21	1250	3.50

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Size	Size	I.D.		W.D.		O.D.	W.P.			P.P.			B.P.			Min B.R.		W.T.
mm	Inch	Min	Max	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	kg/m
5	3/16	4.6	5.4	10.6	11.7	14.1	41.5	6017	415	83.0	12035	830	166	24070	1660	3.54	90	0.37
6.3	1/4	6.1	7.0	12.1	13.3	15.7	40.0	5800	400	80.0	11600	800	160	23200	1600	3.94	100	0.43
8	5/16	7.7	8.5	13.7	14.9	17.3	35.0	5075	350	70.0	10150	700	140	20300	1400	4.53	115	0.52
10	3/8	9.3	10.1	16.1	17.3	19.7	33.0	4785	330	66.0	9570	660	132	19140	1320	5.12	130	0.59
12.5	1/2	12.3	13.5	19	20.6	23.1	27.5	3987	275	55.0	7975	550	110	15950	1100	7.09	180	0.71
16	5/8	15.5	16.7	22.2	23.8	26.3	25.0	3625	250	50.0	7250	500	100	14500	1000	7.87	200	0.80
19	3/4	18.6	19.8	26.2	27.8	30.2	21.5	3117	215	43.0	6235	430	86	12470	860	9.45	240	1.00
25	31/12	25.0	26.4	34.1	35.7	38.9	16.5	2392	165	33.0	4785	330	66	95770	660	11.81	300	1.33
31.5	1 1/4	31.4	33.0	43.2	45.7	49.6	12.5	1812	125	25.0	3625	250	50	7250	500	16.54	420	1.60
38	1-1/2	37.7	39.3	49.6	52	56.0	9.0	1305	90	18.0	26010	180	36	5220	360	19.69	500	1.77
51	2	50.4	52.0	62.3	64.7	68.6	8.0	1160	80	16.0	2320	160	32	4640	320	24.80	630	2.32
64	2-1/2	63.1	65.1	74.6	77.8	81.8	7.0	1015	70	14.0	2030	140	28	4060	280	29.92	760	2.55
76	3	75.6	77.1	81.9	83.7	92.0	4.0	580	40	8.0	1160	80	16	2320	160	36.61	830	3.64
89	3-1/2	88.5	90.0	94.7	96.2	106.0	3.0	435	30	6.0	870	60	12	1740	120	43.30	1100	4.07
102	4	101.0	103.0	107.7	109.2	118.0	3.0	435	30	6.0	870	60	12	1740	120	49.21	1250	4.07

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This hose is composed of a inner tube of oil synthetic rubber, three wire braided reinforcement , and a oil weather resistant synthetic rubber cover

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It is suitable to carry hydraulic fluids , such as hydraulic oil, fuel oil, lubricants , emulsion, glycol and water.

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Size	Size	I.D.		W.D.		O.D.	W.P.			P.P.			B.P.			Min B.R.		W.T.
mm	Inch	Min	Max	Min	Max	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	kg/m
5	3/16	4.6	5.4	12.6	13.2	15.7	60.0	8700	600	120.0	17400	1200	240	34800	2400	4.09	104	0.51
6.3	1/4	6.1	7.0	14.6	15.2	17.7	50.0	7250	5005	100.0	14500	100	200	29000	2000	4.52	115	0.59
8	5/16	7.7	8.5	16.3	16.9	19.5	45.0	6525	450	90.0	13050	900	180	2600	1800	5.19	132	0.70
10	3/8	9.3	10.1	18.4	19	21.7	40.0	5800	400	80.0	11600	800	160	23200	1600	5.91	150	0.81
12.5	1/2	12.3	13.5	21.4	22	24.9	5.0	5075	350	70.0	10150	700	140	20300	1400	8.38	213	0.96
16	5/8	15.5	16.7	24.8	25.4	28.1	30.0	4350	300	60.0	8700	600	120	17400	1200	8.89	226	1.18
19	3/4	18.6	19.8	28.8	29.4	32.1	28.0	4060	280	56.0	8120	560	112	16240	1120	10.63	270	1.35
25	31/16	25.0	26.4	35.6	36.2	39.0	20.0	2900	200	40.0	5800	400	80	11600	800	13.39	340	1.81
31.5	1 1/4	31.4	33.0	42.2	42.8	46.3	17.0	2465	170	34.0	4930	340	68	9860	680	18.50	470	2.13
38	1-1/2	37.7	39.3	48.2	48.8	52.0	12.5	1812	125	25.0	3625	250	50	7250	500	22.05	560	2.36
51	2	50.4	52.0	61.6	62.2	65.0	11.0	1595	110	22.0	3190	220	44	6380	440	27.56	700	3.06
64	2-1/2	63.1	65.1	74.6	75.2	78.0	9.0	1305	90	18.0	2610	180	36	5220	360	33.07	840	3.36
76	3	75.6	77.1	87.6	88.2	92.5	5.0	725	50	10.0	1450	100	20	2900	200	40.16	1020	4.77
89	3-1/2	88.5	90.0	100.6	101.2	106.0	4.5	652	45	9.0	1305	90	18	2610	180	47.24	1200	5.27
102	4	101.0	103.0	114.2	115	119.5	4.0	580	40	8.0	1160	80	16	2320	160	55.12	1400	6.05

High Pressure Steel Wire Braided Rubber Hose

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This hose is composed of a inner tube of oil synthetic rubber, a single wire braided reinforcement , and a oil weather resistant synthetic rubber cover

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It is suitable to carry hydraulic fluids , such as hydraulic oil, fuel oil, lubricants , emulsion, glycol and water.

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SAE100 R1A

Size	Size	I.D.		W.D.		O.D.		W.P.			P.P.			B.P.			Min B.R.		W.T.
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	kg/m
5	3/16	4.6	5.4	8.9	10.1	11.9	13.5	20.7	3001	207.0	41	6003	414	82.8	12006	828	3.50	89	0.22
6.3	1/4	6.2	7.0	10.6	11.7	15.1	16.7	18.9	2740	189.0	38	5481	378	75.6	10962	756	4.02	102	0.31
8	5/16	7.0	8.5	12.1	13.3	16.7	18.3	17.2	2494	172.0	34	4988	344	68.8	9976	688	4.49	114	0.38
10	3/8	9.3	10.1	14.5	15.7	19.0	20.6	15.5	2247	155.0	31	4495	310	62.0	8990	620	5.00	127	0.45
12.5	1/2	12.3	13.5	17.5	19	22.2	23.8	13.8	2001	138.0	28	4002	276	55.2	8004	552	7.01	178	0.55
16	5/8	15.5	16.7	20.6	22.2	25.4	27.0	10.3	1493	103.0	21	2987	206	41.2	5974	412	7.99	203	0.63
19	3/4	18.6	19.8	24.6	26.2	29.4	31.0	8.6	1247	86.0	17	2494	172	34.4	4988	344	9.49	241	0.77
25	31/12	25.0	26.4	32.5	34.1	36.9	39.3	6.9	1000	69.0	14	2000	138	27.6	4002	276	12.01	305	1.06
31.5	1 1/4	31.4	33.0	39.3	41.7	44.4	47.6	4.3	623	43.0	9	1247	86	17.2	2494	172	16.50	419	1.45
38	1-1/2	37.7	39.3	45.6	48	50.8	54.0	3.4	493	34.0	7	986	68	13.6	1972	136	20.00	508	1.80
51	2	50.4	52.0	58.7	61.9	65.1	68.3	2.6	377	26.0	5	754	52	10.4	1508	104	25.00	635	2.30

SAE100 R1AT EN853 1SN

Size	Size	I.D.		W.D.		O.D.		W.P.			P.P.			B.P.			Min B.R.		W.T.
mm	Inch	Min	Max	Min	Max	Min	Max	Mpa	Psi	Bar	Mpa	Psi	Bar	Mpa	Psi	Bar	Inch	mm	kg/m
5	3/16	4.6	5.4	8.9	10.1	11.9	13.5	20.7	3001	207.0	41	6003	414	82.8	12006	828	3.50	89	0.22
6.3	1/4	6.2	7.0	10.6	11.7	15.1	16.7	18.9	2740	189.0	38	5481	378	75.6	10962	756	4.02	102	0.31
8	5/16	7.0	8.5	12.1	13.3	16.7	18.3	17.2	2494	172.0	34	4988	344	68.8	9976	688	4.49	114	0.38
10	3/8	9.3	10.1	14.5	15.7	19.0	20.6	15.5	2247	155.0	31	4495	310	62.0	8990	620	5.00	127	0.45
12.5	1/2	12.3	13.5	17.5	19	22.2	23.8	13.8	2001	138.0	28	4002	276	55.2	8004	552	7.01	178	0.55
16	5/8	15.5	16.7	20.6	22.2	25.4	27.0	10.3	1493	103.0	21	2987	206	41.2	5974	412	7.99	203	0.63
19	3/4	18.6	19.8	24.6	26.2	29.4	31.0	8.6	1247	86.0	17	2494	172	34.4	4988	344	9.49	241	0.77
25	31/12	25.0	26.4	32.5	34.1	36.9	39.3	6.9	1000	69.0	14	2000	138	27.6	4002	276	12.01	305	1.06
31.5	1 1/4	31.4	33.0	39.3	41.7	44.4	47.6	4.3	623	43.0	9	1247	86	17.2	2494	172	16.50	419	1.45
38	1-1/2	37.7	39.3	45.6	48	50.8	54.0	3.4	493	34.0	7	986	68	13.6	1972	136	20.00	508	1.80
51	2	50.4	52.0	58.7	61.9	65.1	68.3	2.6	377	26.0	5	754	52	10.4	1508	104	25.00	635	2.30