



JMFLUX RUBBER MANUFACTURING LTD <http://www.jmflexrubber.com>

**JMFLUX Wire Braid Hydraulic Hose: *SAE 100 R1AT/DIN EN 853 1SN STANDARD***

Tube : Oil resistant synthetic rubber

Reinforcement : one high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
5	3/16	4.8	9.5	11.8	25.0	3630	100.0	14280	89	0.19	50/100
6	1/4	6.4	11.1	13.4	22.5	3270	90.0	12840	102	0.21	50/100
8	5/16	7.9	12.7	15.0	21.5	3120	85.0	12280	114	0.24	50/100
10	3/8	9.5	15.1	17.4	18.0	2615	72.0	10280	127	0.33	50/100
13	1/2	12.7	18.3	20.6	16.0	2320	64.0	9180	178	0.41	50/100
16	5/8	15.9	21.4	23.7	13.0	1890	52.0	7420	203	0.45	50/100
19	3/4	19.0	25.4	27.7	10.5	1530	42.0	6000	241	0.58	50/100
25	1	25.4	33.3	35.6	8.8	1280	35.0	5020	305	0.88	50
32	1 1/4	31.8	40.5	43.5	6.3	920	25.0	3600	419	1.23	20/40
38	1 1/2	38.1	46.8	50.6	5.0	730	20.0	2860	508	1.51	20/40
51	2	50.8	60.2	64.0	4.0	580	16.0	2280	635	1.97	20/40

**JMFLEX Wire Braid Hydraulic Hose: *SAE 100 R2AT/DIN EN 853 2SN STANDARD***

Tube : Oil resistant synthetic rubber

Reinforceent : two high tensile steel wire layers

Cover Compound : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Wire	Hose	Working Pressure		Burst Pressure		Minimum Bend	Weight	Length
			O.D	O.D					Radius		
	inch	mm	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
5	3/16	4.8	11.1	13.4	41.4	6000	165	23720	89	0.32	50/100
6	1/4	6.4	12.7	15.0	40.0	5800	160	22840	102	0.36	50/100
8	5/16	7.9	14.3	16.6	36.0	5250	140	20000	114	0.45	50/100
10	3/8	9.5	16.7	19.0	33.1	4800	132	18840	127	0.54	50/100
13	1/2	12.7	19.8	22.2	27.6	4000	110	15720	178	0.68	50/100
16	5/8	15.9	23	25.4	25.0	3630	100	14280	203	0.8	50/100
19	3/4	19.0	27	29.3	21.5	3120	85	12280	241	0.94	50/100
25	1	25.4	34.9	38.0	16.5	2400	65	9420	305	1.35	50
32	1 1/4	31.8	44.5	48.3	12.5	1820	50	7140	419	2.15	20/40
38	1 1/2	38.1	50.8	54.6	9.0	1310	36	5140	508	2.65	20/40
51	2	50.8	63.5	67.3	8.0	1160	32	4560	635	3.42	20/40

**JMFLEX Wire Braid Hydraulic Hose: *DIN-EN 857 1SC STANDARD***

Tube : Oil resistant synthetic rubber

Reinforcement : one high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
6	1/4	6.4	12.5	30	4350	120	17400	75	0.14	50/100
8	5/16	7.9	14.0	27.5	3980	110	15950	80	0.20	50/100
10	3/8	9.5	16.5	22.5	3263	90	13050	90	0.26	50/100
13	1/2	12.7	19.8	20	2900	80	11600	127	0.35	50/100
16	5/8	15.9	23.0	15	2175	60	8700	153	0.48	50/100
19	3/4	19.0	26.7	15	2175	60	8700	180	0.60	50/100
25	1	25.4	34.9	11	1595	45	6525	230	0.90	50

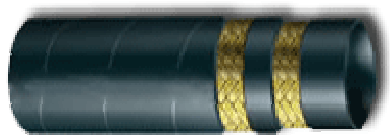
**JMFLEX Wire Braid Hydraulic Hose: *DIN-EN 857 2SC STANDARD***

Tube : Oil resistant synthetic rubber

Reinforceent : two high tensile steel wire layers

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C .



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
6	1/4	6.4	14.2	45	6525	180	26100	75	0.28	50/100
8	5/16	7.9	16.0	40	5800	160	23200	85	0.36	50/100
10	3/8	9.5	18.3	37.5	5438	150	21750	90	0.41	50/100
13	1/2	12.7	21.5	31	4495	124	17980	130	0.59	50/100
16	5/8	15.9	24.7	30	4350	120	17400	170	0.63	50/100
19	3/4	19.0	28.6	28.7	4162	115	16675	200	0.80	50/100
25	1	25.4	36.6	22.5	3263	90	13050	250	1.17	50



**JMFLEX Wire Braid Hydraulic Hose: *SAE 100 R1A/DIN EN 853 1ST STANDARD***

Tube : Oil resistant synthetic rubber

Reinforcement :one high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Wire	Hose	Working Pressure		Burst Pressure		Minimum Bend	Weight	Length
			O.D	O.D					Radius		
	inch	mm	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
6	1/4	6.4	11.1	15.9	22.5	3270	90.0	12840	100	0.31	50/100
8	5/16	7.9	12.7	17.5	21.5	3120	85.0	12280	114	0.38	50/100
10	3/8	9.5	15.1	19.8	18.0	2615	72.0	10280	127	0.45	50/100
13	1/2	12.7	18.3	23.0	16.0	2320	64.0	9180	178	0.55	50/100
16	5/8	15.9	21.4	26.2	13.0	1890	52.0	7420	200	0.63	50/100
19	3/4	19.0	25.4	30.2	10.5	1530	42.0	6000	240	0.77	50/100
25	1	25.4	33.3	38.1	8.8	1280	35.0	5020	300	1.06	50
32	1 1/4	31.8	40.5	46.0	6.3	920	25.0	3600	419	1.45	18 to 40
38	1 1/2	38.1	46.8	52.4	5.0	730	20.0	2860	500	1.80	18 to 40

51	2	50.8	60.2	66.7	4.0	580	16.0	2280	630	2.30	18 to 40
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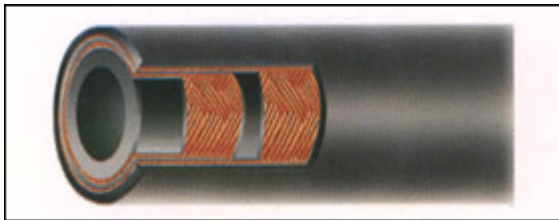
**JMFLEX Wire Braid Hydraulic Hose: *SAE 100 R2A/DIN EN 853 2ST STANDARD***

Tube : Oil resistant synthetic rubber

Reinforcement : two high tensile steel wire layers 2 w

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
6	1/4	6.4	12.7	17.5	40.0	5800	160.0	22840	100	0.42	50/100
8	5/16	7.9	14.3	19.1	36.0	5250	140.0	20000	114	0.51	50/100
10	3/8	9.5	16.7	21.4	33.1	4800	132.0	18840	127	0.60	50/100
13	1/2	12.7	19.8	24.6	27.6	4000	110.0	15720	178	0.74	50/100
16	5/8	15.9	23.0	27.8	25.0	3630	100.0	14280	200	0.86	50/100
19	3/4	19.0	27.0	31.8	21.5	3120	85.0	12280	240	1.04	50/100
25	1	25.4	34.9	39.7	16.5	2400	65.0	9420	300	1.42	50
32	1 1/4	31.8	44.5	50.8	12.5	1820	50.0	7140	419	2.23	18 to 40
38	1 1/2	38.1	50.8	57.2	9.0	1310	36.0	5140	500	2.74	18 to 40

51	2	50.8	63.5	69.8	8.0	1160	32.0	4560	630	3.50	18 to 40
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**JMFLEX Wire Sprial Hydraulic Hose: DIN EN856 4SH STANDARD**

Tube : Oil resistant synthetic rubber

Reinforcement : four high tensile steel wire spiral layers ( 4 W/S )

Cover : abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	mm	MPa	psi	MPa	psi	mm	kg/m	metres
19	3/4	19.0	28.4	32.0	42.0	6000	168.0	24000	280	1.61	20 to 40
25	1	25.4	35.2	38.6	38.0	5500	152.0	22000	340	2.00	20 to 40
32	1 1/4	31.8	41.9	45.8	32.5	4700	130.0	18800	460	2.64	20 to 40
38	1 1/2	38.1	48.8	53.3	29.0	4200	116.0	16800	560	3.36	20 to 40
51	2	50.8	63.2	68.1	25.0	3600	100.0	14400	700	4.98	20 to 40

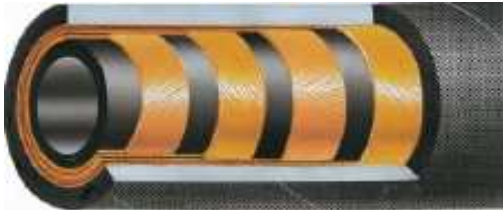
## **JMFLEX Wire Sprial Hydraulic Hose:DIN EN856 4SP STANDARD**

Tube : Oil resistant synthetic rubber

Reinforcement : four high tensile steel wire layers ( 4 W/S )

Cover : abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C



DN	Hose I.D		Wire	Hose	Working Pressure		Burst Pressure		Minimum Bend	Weight	Length
	inch	mm	O.D	O.D	MPa	psi	MPa	psi	Radius		
10	3/8	9.5	17.5	21.4	44.5	6450	180.0	26000	180	0.78	20 to 40
13	1/2	12.7	20.2	24.0	41.5	6000	166.0	24000	230	0.89	20 to 40
16	5/8	15.9	23.8	28.2	35.0	5000	140.0	20000	250	1.11	20 to 40
19	3/4	19.0	28.2	32.2	35.0	5000	140.0	20000	300	1.59	20 to 40
25	1	25.4	35.5	39.7	28.0	4000	112.0	16000	340	2.02	20 to 40
32	1 1/4	31.8	46.0	50.8	21.0	3000	84.0	12000	460	3.32	20 to 40
38	1 1/2	38.1	52.4	57.7	18.5	3650	74.0	10800	560	3.70	20 to 40
51	2	50.8	65.3	69.6	16.5	2360	66.0	9600	660	5.47	20 to 40

***YOURS BEST BUSINESS PARTNER FROM CHINA----JMFLEX RUBBER***