



Hydraulic Hose Tech Data Sheet

TECH DATA SHEET 5006



Hydraulic Hose Range



Multi Spiral Hydraulic Hose, EN856-4SP

Standard hydraulic adaptors do not adhere to the working pressure of multi spiral hose.
Please use KR500 Hydraulic Adaptors for high pressure and multi spiral applications.

Application:

High pressure hydraulic applications

Specification:

EN856-4SP

Construction:

Inner tube: oil resistant synthetic rubber (NBR)

Reinforcement: 4 high tensile steel spirals


Outer cover: oil and weather resistant synthetic rubber

Recommended Fluids:

Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, air and water

Available per 1 metre

Smooth cover available on request

 **Working Temperature:**
-40°C to +100°C



FT PRO 1/4" DN6 450 BAR / 6525 PSI (EN856-4SP-06MM) MSHA IC-267 (Q3 24)

Part Number	Size			ID		Wire Dimension		OD		Working Pressure		Pulse Pressure		Burst Pressure		Bend Radius		Weight	Impulse Test Rate	Crimping Dimensions	Size in mm	Tail ID Top Tolerance	Tail ID Bottom Tolerance	Skive Length JMF56 in mm	Skive Length JMF57 in mm	Crimped No Go	Crimped Go
	mm	inch	SAE	min	max	min	max	min	max	bar	psi	bar	psi	bar	psi	Inch	mm	Kg/mtr	Cycles	JMF57 Type Ferrule	mm	mm	External	External	mm	mm	
4SP-04-40	6.3	1/4"	-4	6.2	7.0	14.1	15.3	17.1	18.7	450	6525	900	13050	1800	26100	5.91	150	0.64	400000								
4SP-06-40	10	3/8"	-6	9.4	10.1	16.9	18.1	20.6	22.2	445	6450	890	12905	1780	25810	7.09	180	0.75	400000	JMF57-06CF	23	6.78	6.42	27	-	6.42	6.13
4SP-08-40	12.5	1/2"	-8	12.6	13.5	19.4	21.0	23.8	25.4	415	6020	830	12035	1660	24070	9.06	230	0.89	400000	JMF57-08CF	26.5	9.21	8.86	28	32	8.86	8.40
4SP-10-40	16	5/8"	-10	15.8	16.7	23.0	24.6	27.4	29.0	350	5075	700	10150	1400	20300	9.84	250	1.10	400000	JMF57-10CF	29.7	12.09	11.59	33	-	11.59	10.99
4SP-12-40	19	3/4"	-12	18.8	19.8	27.4	29.0	31.4	33.0	350	5075	700	10150	1480	21460	11.81	300	1.50	400000	JMF57-12CF	34	14.46	13.91	32	40	13.91	13.31
4SP-16-40	25	1"	-16	25.4	26.4	34.5	36.1	38.5	40.9	280	4060	560	8120	1120	16240	13.39	340	2.00	400000	JMF57-16CF	43	18.89	18.29	42	48	18.29	17.68
4SP-20-40	31.5	1-1/4"	-20	31.8	33.0	45.0	47.0	49.2	52.4	210	3045	420	6090	840	12180	18.11	460	3.00	400000	JMF57-20CF	53	25.40	24.69	48	55	24.69	23.80
4SP-24-40	38	1-1/2"	-24	38.0	39.3	51.4	53.4	55.6	58.8	185	2680	370	5365	740	10730	22.05	560	3.40	400000	JMF57-24CF	60.5	31.40	30.60	60	68	30.60	29.80
4SP-32-20	51	2"	-32	50.6	52.0	64.3	66.3	68.2	71.4	165	2390	330	4785	660	9570	25.98	660	4.35	400000	JMF57-32CF	74.5	41.40	40.60	61	73	40.60	30.80