



Hydraulic Hose Tech Data Sheet

TECH DATA SHEET 5007

Hydraulic Hose Range



Multi Spiral Hydraulic Hose, EN856-4SH

Application:

High pressure hydraulic applications, for use with interlock fittings

Specification:


EN856-4SH

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

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



FT PRO 3/4" DN19 420 BAR / 6090 PSI (EN856-4SH-19MM) 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 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	JMF4SH Type Ferrule	mm	mm	Internal	External	mm	mm	
4SH-12	19	3/4	-12	19.1	19.8	27.6	29.2	31.4	33.0	420	6090	840	12180	1680	24360	11.02	280	1.70	400000	JMF4SH-12CF	35.1	14.46	13.91	16	43	13.91	13.31
4SH-16	25	1	-16	25.5	26.4	34.4	36.0	37.5	39.9	380	5510	760	11020	1520	22040	13.39	340	2.50	400000	JMF4SH-16CF	43.4	18.89	18.29	18	59	18.29	17.68
4SH-20	31.5	1.1/4	-20	43.9	47.1	40.9	42.9	43.9	47.1	325	4710	650	9425	1300	18850	18.11	460	3.00	400000	JMF4SH-20CF	50.0	25.40	24.69	21	68	24.69	23.80
4SH-24	38	1.1/2	-24	38.2	39.3	47.8	49.8	51.9	55.1	290	4205	580	8410	1160	16820	22.05	560	3.60	400000	JMF4SH-24CF	56.0	31.40	30.60	23	76	30.60	29.80
4SH-32	51	2	-32	50.6	52	62.2	64.2	66.5	69.7	250	3625	500	7250	1000	14500	27.56	700	5.00	400000	JMF4SH-32CF	72.4	41.40	40.60	28	80	40.60	30.80