

## EN856 4SP

### FOUR LAYERS STEEL WIRE SPIRAL HIGH PREESSURE HYDRAULIC HOSE

**INNER TUBE:**oil resistant synthetic nitrile rubber

**REINFORCEMENT:**4 layers of steel wire spiral.

**COVER:**oil and weather resistant synthetic rubber

**APPLICATION:**

petroleum base and water base hydraulic fluids

**SURFACE:**wrapped surface

**TEMPERATURE RANGE:**

-40°C (-104 °F) to +100°C (+212 °F)



Item Code	Metric Size	Inch Size	SAE Dash Size	I.D		W.D		O.D		Max W.P		Min B.P	Min B.R	W.T
	mm	inch	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
4SP-06	6.3	1/4	04	6.2	7.0	14.1	15.3	17.1	18.7	45.0	6530	180.0	150.0	0.6
4SP-10	10	3/8	06	9.3	10.1	16.9	18.1	20.6	22.2	44.5	6450	178.0	180.0	0.76
4SP-13	12.5	1/2	08	12.3	13.5	19.4	21.0	23.8	25.4	41.5	6020	166.0	230.0	0.9
4SP-16	16	5/8	10	15.5	16.7	23.0	24.6	27.4	29.0	35.0	5080	140.0	250.0	1.1
4SP-19	19	3/4	12	18.6	19.8	27.4	29.0	31.4	33.0	35.0	5080	140.0	300.0	1.48
4SP-25	25	1	16	25.0	26.4	34.5	36.1	38.5	40.9	28.0	4060	112.0	340.0	2.02
4SP-32	31.5	1-1/4	20	31.4	33.0	45.0	47.0	49.2	52.4	21.0	3050	84.0	460.0	2.98
4SP-38	38	1-1/2	24	37.7	39.3	51.4	53.6	55.6	58.8	18.5	2680	74.0	560.0	3.55
4SP-51	51	2	32	50.4	52.0	64.3	66.3	68.2	71.4	16.5	2390	66.0	660.0	4.86

## EN 856 4SH

### FOUR LAYERS STEEL WIRE SPIRAL EXTRA HIGH PREESSURE HYDRAULIC HOSE

**INNER TUBE:**oil resistant synthetic nitrile rubber

**REINFORCEMENT:** four layers of spiral steel wire

**COVER:**oil and weather resistant synthetic rubber

**APPLICATION:** petroleum base and water base hydraulic fluids

**SURFACE:**wrapped surface

**TEMPERATURE RANGE:**

-40°C (-104 °F) to +100°C (+212 °F)



Item Code	Metric Size	Inch Size	SAE Dash Size	I.D		W.D		O.D		Max W.P		Min B.P	Min B.R	W.T
	mm	inch	Dash	Min	Max	Min	Max	Min	Max	Mpa	Psi	Mpa	mm	Kg/m
4SH-19	19	3/4	12	18.6	19.8	27.6	29.2	31.4	33.0	42.0	6090	168.0	280.0	1.64
4SH-25	25	1	16	25.0	26.4	34.4	36.0	37.5	39.9	38.0	5510	152.0	340.0	2.03
4SH-32	31.5	1-1/4	20	31.4	33.0	40.9	42.9	43.9	47.1	32.5	4710	130.0	460.0	2.45
4SH-38	38	1-1/2	24	37.7	39.3	47.8	49.8	51.9	55.1	29.0	4210	116.0	560.0	3.35
4SH-51	51	2	32	50.4	52.0	62.2	64.2	66.5	69.7	25.0	3630	100.0	700.0	4.5