

## DS-4SP EXCEEDS EN 856 4SP



	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/mt	lbs/ft
4SP-06-04	6	-4	6,4	1/4"	17,6	0.69	500	7250	2000	29000	150	5.91	0,60	0.40
4SP-10-06	10	-6	9,5	3/8"	19,9	0.78	460	6700	1840	26800	180	7.09	0,70	0.47
4SP-12-08	12	-8	12,7	1/2"	23,8	0.94	440	6400	1760	25600	230	9.06	0,90	0.60
4SP-16-10	16	-10	15,9	5/8"	27,9	1.10	400	5800	1600	23200	250	9.84	1,10	0.74
4SP-19-12	19	-12	19,0	3/4"	31,9	1.26	380	5500	1520	22000	300	11.81	1,50	1.01
4SP-25-16	25	-16	25,4	1"	39,4	1.55	325	4700	1300	18800	340	13.39	2,00	1.34
4SP-31-20	31	-20	31,8	1.1/4"	50,3	1.98	240	3500	960	14000	460	18.11	3,10	2.08
4SP-38-24	38	-24	38,1	1.1/2"	56,7	2.23	210	3000	840	12000	560	22.05	3,60	2.42
4SP-51-32	51	-32	50,8	2"	69,8	2.75	165	2400	660	9600	660	25.98	4,40	2.96

**Applications:** Very high pressure hose for severe hydraulic pulsing applications.  
Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

**Construction:**  
**Tube:** Black synthetic rubber resistant to oils  
**Reinforcement:** Four high tensile steel spirals  
**Cover:** black, synthetic rubber resistant to oils, abrasion and weather condition

**Temperature:**  
-40°C to 100°C (125°C discontinuous)  
-40°F to 212°F (257°F discontinuous)  
**Certifications:**  
DNV Type Approval  
ABS Type Approval  
Lloyd's Type Approval  
MED

**Version available:**  
MSHA COVER  
MSHA HARC COVER  
MSHA ENDLESS COVER  
HARC COVER  
ENDLESS COVER  
See page. 67

## DS-4SH EXCEEDS EN 856 4SH



	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/mt	lbs/ft
4SH-16-10	16	-10	15,9	5/8"	28,30	1.11	450	6500	1800	26000	250	9.84	1,35	0.91
4SH-19-12	19	-12	19,0	3/4"	31,70	1.25	425	6150	1700	24600	280	11.02	1,50	1.01
4SH-25-16	25	-16	25,4	1"	38,10	1.50	400	5800	1600	23200	340	13.39	2,00	1.34
4SH-31-20	31	-20	31,8	1.1/4"	45,00	1.77	350	5100	1400	20400	460	18.11	2,45	1.65
4SH-38-24	38	-24	38,1	1.1/2"	52,20	2.06	300	4350	1200	17400	560	22.05	3,00	2.02
4SH-51-32	51	-32	50,8	2"	68,10	2.68	250	3625	1000	14500	700	27.56	4,50	3.02

**Applications:** Very high pressure hose for severe hydraulic pulsing applications.  
Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

**Construction:**  
**Tube:** Black synthetic rubber resistant to oils  
**Reinforcement:** Four high tensile steel spirals  
**Cover:** black, synthetic rubber resistant to oils, abrasion and weather condition

**Temperature:**  
-40°C to 100°C (125°C discontinuous)  
-40°F to 212°F (257°F discontinuous)  
**Certifications:**  
DNV Type Approval  
ABS Type Approval  
Lloyd's Type Approval  
MED

**Version available:**  
MSHA COVER  
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HARC COVER  
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See page. 67