









# DS-4SP Railway

EXCEEDS EN 856 4SP



## Application

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

														
	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/m	lbs/ft
4SP-06-04-RAILWAY	6	-4	6,4	1/4"	17,6	0.69	500	7250	2000	29000	150	5.91	0,60	0.40
4SP-10-06-RAILWAY	10	-6	9,5	3/8"	19,9	0.78	460	6700	1840	26800	180	7.09	0,70	0.47
4SP-12-08-RAILWAY	12	-8	12,7	1/2"	23,8	0.94	440	6400	1760	25600	230	9.06	0,90	0.60
4SP-16-10-RAILWAY	16	-10	15,9	5/8"	27,9	1.10	400	5800	1600	23200	250	9.84	1,10	0.74
4SP-19-12-RAILWAY	19	-12	19,0	3/4"	31,9	1.26	380	5500	1520	22000	300	11.81	1,50	1.01
4SP-25-16-RAILWAY	25	-16	25,4	1"	39,4	1.55	325	4700	1300	18800	340	13.39	2,00	1.34
4SP-31-20-RAILWAY	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-RAILWAY	38	-24	38,1	1.1/2"	56,7	2.23	210	3000	840	12000	560	22.05	3,60	2.42

**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:**

EN45645-2