

4SP ISO 3862 MSHA

Applicable Standard

ISO 3862 4SP



Liner

Oil resistant synthetic rubber

Reinforcement

Four spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids: from -40°C to 70°C (from -40°F to 158°F)

Water: from 0°C to 70°C (from 32°F to 158°F)

Air: up to 70°C (up to 158°F)

															
	**	DN	dash size	inch	mm	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft
4SPMSHA-4	☐	6	-4	1/4"	6,4	18,7	0,736	45	6525	180	26100	150	5,91	588	0,395
4SPMSHA-6	☐	10	-6	3/8"	9,5	22,2	0,874	45	6525	180	26100	180	7,09	782	0,525
4SPMSHA-8	☐	12	-8	1/2"	12,7	25,4	1	42	6090	168	24360	230	9,06	858	0,577
4SPMSHA-10	☐	16	-10	5/8"	15,9	29	1,142	35	5075	140	20300	250	9,84	1226	0,824
4SPMSHA-12	☐	19	-12	3/4"	19	33	1,299	35	5075	140	20300	300	11,81	1514	1,017
4SPMSHA-16	☐	25	-16	1"	25,4	40,9	1,61	28	4060	112	16240	340	13,39	1897	1,275
	☐														

				crimping Ø +/-		crimping style +/-			int. skive +/-		ext. skive +/-		ins. depth +/-		ferrule code
				0,2	0,008				0,5	0,02	0,5	0,02	0,5	0,02	
	DN	dash s	inch	mm	inch		mm	inch	mm	inch	mm	inch	mm	inch	
4SPMSHA-4	6	-4	1/4"	19,4	0,764	FLAT	0	0	0	0	27,5	1,083	32	1,26	8S004S-04
4SPMSHA-6	10	-6	3/8"	22,8	0,898	FLAT	0	0	0	0	29	1,142	33	1,299	8S004S-06
4SPMSHA-8	12	-8	1/2"	26,5	1,043	FLAT	0	0	0	0	29	1,142	35	1,378	8S004S-08
4SPMSHA-10	16	-10	5/8"	30,7	1,209	FLAT	0	0	0	0	30	1,181	37	1,457	8S004S-10
4SPMSHA-12	19	-12	3/4"	33,5	1,319	FLAT	0	0	0	0	39	1,535	41	1,614	8S004S-12
4SPMSHA-16	25	-16	1"	42,5	1,673	FLAT	0	0	0	0	49	1,929	53	2,087	8S004S-16

This hose fits with SERIES 2 couplings

ISO 3862 4SP
 ** */**"
 WP ** MPa (
 *** bar
) MSHA IC-***/**