

# SR1SN

**Application:** Medium pressure hydraulic application including mobile, machine tool and agricultural application, using petroleum-or water-based hydraulic fluids.

**Inner Tube:** Nitrile

**Reinforcement:** one braid of high-tensile steel wire

**Cover:** Black Synthetic Rubber (I.D less than 25.4mm wrap or smooth cover)

**Temperature Range:** -40°F to 212°F (-40°C to 100°C)

**Applicable Standards:** EN853 1SN, GB/T3683 1SN, SAE J517 R1S, ISO 1436 1SN

**Branding:**



Product Number	Hose ID			W.D				C.T		O.D	Max. W.P		Min. B.P		Min. B.R	Weight
	Dash	mm	Inch	Min. mm	Max. mm	Min. mm	Max. mm	Min. mm	Max. mm		Mpa	PSI	Mpa	PSI		
SR1SN-03-05	-3	5.0	3/16	4.6	5.4	9.0	10.0	0.8	1.5	12.5	25.0	3630	100	14500	90	0.19
SR1SN-04-06	-4	6.3	1/4	6.2	7.0	10.6	11.6	0.8	1.5	14.1	22.5	3260	90	13050	100	0.23
SR1SN-05-08	-5	8.0	5/16	7.7	8.5	12.1	13.3	0.8	1.5	15.7	21.5	3120	86	12330	115	0.27
SR1SN-06-10	-6	10.0	3/8	9.3	10.3	14.5	15.7	0.8	1.5	18.1	18.0	2615	72	10440	125	0.34
SR1SN-08-13	-8	12.5	1/2	12.3	13.5	17.5	19.1	0.8	1.5	21.4	16.0	2320	64	9280	180	0.43
SR1SN-10-16	-10	16.0	5/8	15.5	16.7	20.6	22.2	0.8	1.5	24.5	13.0	1890	52	7540	205	0.51
SR1SN-12-19	-12	19.0	3/4	18.6	19.8	24.6	26.2	0.8	1.5	28.5	10.5	1530	42	6090	240	0.66
SR1SN-16-25	-16	25.0	1	25.0	26.4	32.5	34.1	0.8	1.5	36.6	8.7	1280	35	5080	300	1.00
SR1SN-20-32	-20	31.5	1 1/4	31.4	33.0	39.3	41.7	1.0	2.0	44.8	6.2	910	25	3630	420	1.35
SR1SN-24-38	-24	38.0	1 1/2	37.7	39.3	45.6	48.0	1.5	2.5	52.1	5.0	720	20	2900	500	1.56
SR1SN-32-51	-32	51.0	2	50.4	52.0	58.7	61.7	1.5	2.5	65.5	4.0	580	16	2320	630	2.20
SR1SN-40-64	-40	64.0	2 1/2	63.0	65.2	71.2	74.2	1.5	2.5	77.0	5.0	720	20	2900	760	2.74

# SR2SN

**Application:** High pressure hydraulic oil lines used in construction, machine tool and agriculture application using petroleum-or water-based hydraulic fluids. Hose sizes 3/16-5/8" have a vacuum rating of 28 in Hg. Hose size 3/4"-1" have a vacuum rating of 24 in Hg

**Inner Tube:** Nitrile

**Reinforcement:** Two braids of high-tensile steel wire

**Cover:** Black Synthetic Rubber (I.D less than 25.4 mm wrap or smooth cover)

**Temperature Range:** -40°F to 212°F (-40°C to 100°C)

**Applicable Standards:** EN853 2SN, GB/T3683 2SN, SAE J517 R2S, ISO 1436 2SN

**Branding:**



Product Number	Hose ID			W.D				C.T		O.D	Max. W.P		Min. B.P		Min. B.R	Weight
	Dash	mm	Inch	Min. mm	Max. mm	Min. mm	Max. mm	Min. mm	Max. mm		Mpa	PSI	Mpa	PSI		
SR2SN-03-05	-3	5.0	3/16	4.6	5.4	10.6	11.6	0.8	1.5	14.1	41.5	6020	166	24076	90	0.27
SR2SN-04-06	-4	6.3	1/4	6.2	7.0	12.1	13.3	0.8	1.5	15.7	40.0	5800	160	23204	100	0.34
SR2SN-05-08	-5	8.0	5/16	7.7	8.5	13.7	14.9	0.8	1.5	17.3	35.0	5080	140	20304	115	0.39
SR2SN-06-10	-6	10.0	3/8	9.3	10.3	16.1	17.3	0.8	1.5	19.7	33.0	4800	132	19144	130	0.49
SR2SN-06-10	-6	10.0	3/8	9.3	10.3	16.1	17.3	0.8	1.5	19.7	35.0	5075	140	20300	130	0.52
SR2SN-08-13	-8	12.5	1/2	12.3	13.5	19.0	20.6	0.8	1.5	23.0	27.5	4000	110	15956	180	0.59
SR2SN-08-13	-8	12.5	1/2	12.3	13.5	19.0	20.6	0.8	1.5	23.0	35.0	5075	140	20300	180	0.62
SR2SN-10-16	-10	16.0	5/8	15.5	16.7	22.2	23.8	0.8	1.5	26.2	25.0	3630	100	14500	200	0.71
SR2SN-12-19	-12	19.0	3/4	18.6	19.8	26.2	27.8	0.8	1.5	30.1	21.5	3120	86	12472	240	0.89
SR2SN-12-19	-12	19.0	3/4	18.6	19.8	26.2	27.8	0.8	1.5	30.1	25.0	3630	100	14500	240	0.89
SR2SN-12-19	-12	19.0	3/4	18.6	19.8	26.2	27.8	0.8	1.5	30.3	28.0	4060	112	16240	240	1.02
SR2SN-16-25	-16	25.0	1	25.0	26.4	34.1	35.7	1.0	2.0	38.9	16.5	2400	66	9572	300	1.37
SR2SN-20-32	-20	31.5	1 1/4	31.4	33.0	43.3	45.7	1.0	2.0	49.5	12.5	1820	50	7252	420	2.27
SR2SN-24-38	-24	38.0	1 1/2	37.7	39.3	49.6	52.0	1.3	2.5	55.9	9.0	1310	36	5220	500	2.44
SR2SN-32-51	-32	51.0	2	50.4	52.0	62.3	64.7	1.3	2.5	68.6	8.0	1160	32	4640	630	3.00
SR2SN-38-60	-40	64.0	2 1/2	63.0	65.2	74.6	77.8	1.3	2.5	83.0	7.0	1015	28	4060	760	3.47

# SR13

**Application:** Very high pressure applications subject to surge or flexing such as construction equipment, mining and the high-performance industrial market.

**Inner Tube:** Neoprene

**Reinforcement:** Four alternating layers of spiralled high-tensile steel

wire (sizes 3/4" and 1") and six alternating layers of spiralled high

tensile steel wire (sizes 1 1/4", 1 1/2" and 2")

**Cover:** Black Synthetic Rubber

**Temperature Range:** -40°F to 250°F (-40°C to 121°C)

**Applicable Standards:** GB/T 10544 R13, EN 856 R13, SAE J517 R13

**Branding:**



Product Number	Hose ID			W.D				O.D		Max. W.P		Min. B.P		Min. B.R	Weight
	Dash	mm	Inch	Min. mm	Max. mm	Min. mm	Max. mm	Min. mm	Max. mm	Mpa	PSI	Mpa	PSI		
SR13-12-19	-12	19.0	3/4	18.6	19.8	28.2	29.8	31.0	33.2	35	5100	140	20400	240	1.62
SR13-16-25	-16	25.0	1	25.0	26.4	34.9	36.4	37.6	39.8	35	5100	140	20400	300	2.12
SR13-20-32	-20	31.5	1 1/4	31.4	33.0	45.6	48.0	48.3	51.3	35	5100	140	20400	420	4.01
SR13-24-38	-24	38.0	1 1/2	37.7	39.3	53.1	55.5	55.8	58.8	35	5100	140	20400	500	4.99
SR13-32-51	-32	51.0	2	50.4	52.0	66.9	69.3	69.5	72.7	35	5100	140	20400	630	7.33