


SR1SN

SAE 100R1AT/1SN | Medium Pressure



- › Meets or exceeds the performance requirements of: SAE 100R1AT; EN 853 1SN
- › Meets Flame Resistance USMSHA Designation
- › Meets Higher EN/DIN Pressures
- › SAE J1942/U.S. Coast Guard 

Application

Medium-pressure hydraulic applications including mobile, machine tool and agricultural applications, using petroleum or water-based hydraulic fluids.

Inner Tube

Nitrile

Reinforcement

One braid of high-tensile steel wire

Cover

Black polychloroprene

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the SR1SN hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech SR1SN-03 SAE 100R1AT/1SN 3/16" (DN05) W.P. 3630 psi (25 MPa) MSHA 2G-14C/12

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa		
SR1SN-03	20239993	3/16	05	0.47	11.9	3630	25.0	3.5	89	14520	100.0	0.12	HF-A
SR1SN-04	20240216	1/4	06	0.53	13.6	3270	22.5	4.0	102	13080	90.2	0.15	HF-A
SR1SN-05	20240217	5/16	08	0.60	15.1	3120	21.5	4.5	114	12480	86.0	0.17	
SR1SN-06	20240218	3/8	10	0.69	17.5	2615	18.0	5.0	127	10460	72.1	0.22	HF-A
SR1SN-08	20240219	1/2	12	0.81	20.7	2320	16.0	7.0	178	9280	64.0	0.28	H
SR1SN-10	20240250	5/8	16	0.94	23.8	1890	13.0	8.0	203	7560	52.1	0.33	HF-A
SR1SN-12	20240251	3/4	19	1.10	27.8	1530	10.5	9.5	241	6120	42.2	0.41	HF-A
SR1SN-16	20240252	1	25	1.41	35.8	1280	8.8	12.0	305	5120	35.3	0.62	HF-A
SR1SN-20	20239333	1e	31	1.70	43.1	920	6.3	16.5	419	3680	25.4	0.84	H
SR1SN-24	20238892	1f	38	1.98	50.3	730	5.0	20.0	508	2920	20.1	1.05	H
SR1SN-32	20239351	2	51	2.51	63.8	580	4.0	25.0	635	2320	16.0	1.48	H

SFS

SAE 100R1AT Fire Suppression | Medium Pressure



- › Meets Flame Resistance USMSHA Designation

Application

Medium-pressure hydraulic applications including fire suppression actuation equipment where the red cover allows for easy identification.

Inner Tube

Nitrile

Reinforcement

One braid of high-tensile steel wire

Cover

Red nitrile

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the SFS hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech SFS -12 FIRE SUPPRESSION HOSE 3/4" (19mm) W.P. 1250 psi (8.6 MPa) MSHA 2G-1C-14C/31 MADE IN U.S.A.

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	DIN Dash Size	in.	mm	psi	MPa	in.	mm	psi	MPa	
SFS -04	20276330	1/4	6.4	0.53	13.6	2750	19.0	4	102	11000	75.8	0.15
SFS -06	20276331	3/8	9.5	0.69	17.5	2250	15.5	5	127	9000	62.1	0.22
SFS -08	20276332	1/2	12.7	0.81	20.7	2000	13.8	7	178	8000	55.2	0.28
SFS -12	20276333	3/4	19.0	1.10	27.8	1250	8.6	9.5	241	5000	34.5	0.41
SFS -16	20276334	1	25.4	1.41	35.8	1000	6.9	12	305	4000	27.6	0.62