



SUCTION SRF

Meets or exceeds the performance requirements of SAE 100R4, AS 3791 100R4.

Recommended For:

Petroleum and water base hydraulic fluids in suction lines or in low pressure return lines.
Small bend radius is an advantage in installations where space is minimal. (Tighter Bend Radius than SAE 100R4)

Tube:

Black, oil resistant synthetic rubber. (Nitrile).

Reinforcement:

Textile reinforcement with spiral wire to prevent collapsing.

Cover:

Black, oil resistant and abrasion resistant synthetic rubber.

Temperature Range:

From -40°C to +100°C (-40°F to +212°F)
For water, emulsions etc. [click to view](#)

Working Pressure:

Maximum working pressures are based on 4:1 safety factor (minimum burst to maximum working pressure).

Couplings:

Working pressure shown is for hose performance capabilities. Performance of a hose assembly depends on couplings used.

1. For Suction Applications, and Low Pressure Delivery (up to 25% of Maximum Working Pressure).

3300 SERIES COUPLINGS WITH RSC CLAMP

3300 Series (sizes -12 to -32) [click to view](#)
3300 Series Couplings require a suitable clamp around the outside of the hose.
Refer to RYCO RSC Clamps shown below.
Assembly Instructions [click to view](#)

2. For Suction Applications, and High Pressure Delivery (up to 100% of Maximum Working Pressure).

BITELOK NON-SKIVE ONE-PIECE CRIMP

T400 Series (sizes -12 and -32) [click to view](#)
Assembly Instructions [click to view](#)

Hose Working Pressures

1 BAR = 14.5 PSI 1 MPA = 10 BAR

PART NO	HOSE SIZE ID			MAXIMUM WORKING PRESSURE		MIN. BURST PRESSURE		VACUUM RATING	
	DN	INCH	DASH	BAR	PSI	BAR	PSI	MM/HG	IN/HG
SRF12	19	3/4	-12	21	300	84	1200	635	25
SRF16	25	1	-16	17	250	68	1000	635	25
SRF20	31	1.1/4	-20	14	200	56	800	635	25
SRF24	38	1.1/2	-24	10	150	40	600	635	25
SRF32	51	2	-32	7	100	28	400	635	25

Hose Dimensions

Matched Couplings

PART NO	MINIMUM BEND RADIUS	AVERAGE WEIGHT	NOMINAL HOSE OD	BITELOK ONE PIECE CRIMP	
	MM	KGS/M	MM	NON-SKIVE	PUSH ON
SRF12	63	0,82	31,5	T400	3300
SRF16	75	1,00	40,0	T400	3300
SRF20	100	1,19	46,5	T400	3300
SRF24	125	1,39	53,1	T400	3300
SRF32	150	1,94	65,5	T400	3300

*Due to the manufacturing tolerance on outside diameter of the hose and the range of adjustment of the clamp, it is necessary to confirm correct clamp at time of assembly.