



## 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.