

# TECHNICAL DATA SHEET

## S.A.E. 100R4 SUCTION HOSE (HR4)

**Applications:** For hydraulic suction (29 Inch/hg) and low pressure hydraulic return lines. Will handle petroleum based hydraulic fluids, diesel fuels, water and lubricating oils. Wire helix prevents collapsing under vacuum service. Not suitable for use with phosphate esters.

- **CONSTRUCTION:** Two Textile Spiral Plies With Wire Helix.
- **TUBE:** Oil and Heat-Resistant Synthetic Rubber Inner Tube.
- **COVER:** Oil, Weather and Abrasion-Resistant Synthetic Rubber Cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C
- **PACKAGING:** 50 FT. and 100 FT. Coils  
\* Sizes 3/4" to 2" are also available in 50 Ft. Coils
- **FITTINGS:** SC600 Compression  
(Up to 1-1/4 Size)  
S1100 and SO1100 Steel Hose Inserts  
Steel Combination Nipples and Hose Menders

Meets or Exceeds  
Performance Characteristics

### S.A.E. 100R4

TWO TEXTILE SPIRAL PLYS  
WITH WIRE HELIX  
(NON SKIVE)  
COVER IS NOT REMOVED

Dash Size	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Vacuum Service (IN./HG)	Approx. Wgt. / Ft. (LBS.)	Coil Length (FT.)
-12 *	3/4	1.250	300	1,200	3.00	29	.40	100
-16 *	1	1.500	250	1,000	4.00	29	.60	100
-20 *	1-1/4	1.750	200	800	6.00	29	.69	100
-24 *	1-1/2	2.000	150	600	7.00	29	.93	100
-32 *	2	2.500	100	400	8.00	29	1.20	100