

TECHNICAL DATA SHEET

S.A.E. 100R5 MEDIUM PRESSURE HYDRAULIC HOSE (HR5)

Applications: For medium pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils, air and water. Recommended for power steering and power steering return lines, fuel filters, turbochargers, tilt lines, lube oil lines and machine tools. Not suitable for use with phosphate esters.

- **CONSTRUCTION:** Textile inner braid with single wire braid reinforcement.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Textile outer braid and a cotton braided black cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C
- **PACKAGING:** For Reel Lengths and Carton Quantities see below.
All Sizes Available in 100 Ft. Coils.
- **FITTINGS:** SCW500 Crimp
SR500 Reusable

S.A.E. 100R5

ONE WIRE BRAID
TWO COTTON BRAIDS
(NON SKIVE)
COVER IS NOT REMOVED
MEETS D.O.T. F.M.V.S.S. - 106

Dash Size	Nominal I.D.	Actual I.D. (IN.)	Hose O.D. (IN.)	Working Pressure (P.S.I.)	Min. Burst Pressure (P.S.I.)	Min. Bend Radius (IN.)	Approx. Wgt. / Ft. (LBS.)	Reel Length (FT.)
-4	1/4	3/16	0.52	3,000	12,000	3.00	.16	250
-5	5/16	1/4	0.58	2,500	10,000	3.38	.18	250
-6	3/8	5/16	0.68	2,250	9,000	4.00	.22	250
-8	1/2	13/32	0.77	2,000	8,000	4.62	.27	250
-10	5/8	1/2	0.92	1,750	7,000	5.50	.34	250
-12	3/4	5/8	1.08	1,500	6,000	6.50	.42	250
-16	1	7/8	1.24	800	3,200	7.38	.44	165
-20	1-1/4	1-1/8	1.50	625	2,500	9.00	.52	100
-24	1-1/2	1-3/8	1.75	500	2,000	10.50	.62	100
-32	2	1-13/16	2.22	350	1,400	13.25	.93	100