








# R5

## SAE 100R5 Hose

Textile Covered | SAE J1402 | DOT FMVSS 106 AII



Black Textile Braided Cover

Part No.	Nominal (in)	 I.D.		 O.D.		 Working Pressure		 Burst Pressure		 Bend Radius		 Weight		 Hose Fitting Series
		(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	(lbs/ft)	(kg/m)	
R5-04	3/16	0.19	4.8	0.52	13.2	3,000	207	12,000	827	3.00	76	0.15	0.22	R5 Series
R5-05	1/4	0.25	6.4	0.58	14.7	3,000	207	12,000	827	3.40	86	0.17	0.25	R5 Series
R5-06	5/16	0.31	7.9	0.68	17.3	2,250	155	9,000	621	4.00	102	0.22	0.33	R5 Series
R5-08	13/32	0.41	10.3	0.77	19.6	2,000	138	8,000	552	4.60	117	0.30	0.45	R5 Series
R5-10	1/2	0.50	12.7	0.92	23.4	1,750	1	7,000	483	5.50	140	0.37	0.55	R5 Series
R5-12	5/8	0.63	15.9	1.08	27.4	1,500	103	6,000	414	6.50	165	0.46	0.68	R5 Series
R5-16	7/8	0.88	22.2	1.24	31.5	800	55	3,200	221	7.40	188	0.48	0.71	R5 Series
R5-20	1-1/8	1.13	28.6	1.50	38.1	625	43	2,500	172	9.00	229	0.58	0.86	R5 Series
R5-24	1-3/8	1.38	34.9	1.75	44.5	500	34	2,000	138	10.50	267	0.62	0.92	R5 Series
R5-32	1-13/16	1.81	46.0	2.22	56.4	350	24	1,400	97	13.25	337	0.86	1.28	R5 Series

### Applications/Features

Our 'R5' SAE 100R5 Hose is ideal for **D.O.T. Air Brake** applications. This textile braid covered hose is reinforced with a 1-wire steel braid and a second fiber braid. This hose meets and exceeds the performance requirements of SAE 100R5 for all sizes, and SAE J1402 and DOT FMVSS 106 AII for sizes 3/16" through 5/8". It is designed for medium pressure applications for petroleum based hydraulic fluids, lubricating oils, diesel fuels, antifreeze solutions, water, and air.

### Temperature

-40° to +212° F (-40° to +100° C)

### Tube

Black Synthetic Rubber

### Notice

For Average Reel Lengths See Page C-150

Hose Assemblies or Bulk

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### Reinforcement

1-Wire Braid

### Cover

Black Textile Braided Cover

### Reference

Aeroquip-Eaton: 1503

Gates: C5C

Goodyear: GR5

Parker: 201

Weatherhead-Eaton: H069

### Extreme Caution

User is Solely Responsible for the Proper Selection and Matching of Hose and Fitting Components.

Please read the *User Responsibility Warning, Hose Installation Guide*, and reference the latest

*Crimp Specs* at [pressureconnections.com](http://pressureconnections.com).