

# R6 - Abrasion King<sup>®</sup> Hose SAE 100R17 Performance 3000 PSI Constant Pressure



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die
	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die
#													
hose	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die
R604	1/4	6	.51	13	3000	20.7	2.0	51	.11	.16	HY*	112-128	P0570
R606	3/8	10	.69	17	3000	20.7	2.5	64	.20	.30	HY*	112-128	P0740
R608	1/2	13	.82	21	3000	20.7	3.5	89	.27	.40	HY*	112-128	P0870
R610**	5/8	16	1.07	27	3000	20.7	4.0	102	.51	.76	HY*	112-128	P1100
R612**#	3/4	19	1.23	31	3000	20.7	4.8	122	.71	1.1	HY*	112-128	P1245
R616**#	1	25	1.53	39	3000	20.7	6.0	152	1.00	1.49	43*		M1600

**Min. Burst Pressure is 4x Max. Working Pressure**

- Tube:** Polyester
- Reinforcement:** 1 or 2\*\* braids of high tensile steel wire
- Cover:** Abrasion resistant nylon
- Cover Color:** Black with blue plait
- Temperature Range:** -50 °F to +250 °F  
-10 °C to +121 °C

(Limited to +135°F [+57°C] for synthetic hydraulic fluids and water-based fluids)

- Vacuum Rating:** 28 inch Hg
- (Delta) Working Length @ Rated WPSI:** ±3%

**Applications/Markets:**

Industrial medium pressure hydraulic applications where a maximum 3000 PSI working pressure required  
Covers all SAE 100R1 pressure and many SAE 100R2 pressure and abrasion requirements

**Special Features:**

Excellent abrasion resistance, especially over irregular surfaces or hose-to-hose, and the blue plait provides easy identification  
Old part numbers were R612A/ R616A—no change in performance or product design.

\*Series HY & 43 fittings available from Parker Hose Products Division

**Note:** The above hose is not intended for use in static discharge applications; i.e., airless paint spray.

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