

# R17-G

# Braided Wire Hose

WorkHorse Hose® | 3,000 PSI | SAE 100R17



Black with a Black Molded-Embossed Layline

Part No.	Nominal		I.D.		O.D.		Working Pressure		Burst Pressure		Bend Radius		Weight		Hose Fitting Series
	(in)	(DN)	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	(lbs/ft)	(kg/m)	
R17-04G	1/4	6	0.26	6.6	0.49	12.4	3,000	210	12,183	840	1.97	50	0.11	0.16	K2 / C2
R17-06G	3/8	10	0.39	9.9	0.63	16.0	3,000	210	12,183	840	2.56	65	0.18	0.27	K2 / C2
R16-2SC-08 *	1/2	12	0.51	13.0	0.81	20.5	4,000	276	15,954	1100	3.54	90	0.31	0.46	K2 / C2
R16-2SC-10 *	5/8	16	0.65	16.4	0.94	23.9	3,620	250	14,504	1000	3.94	100	0.42	0.63	K2 / C2
R16-2SC-12 *	3/4	19	0.77	19.5	1.09	27.7	3,110	215	12,473	860	4.72	120	0.52	0.78	K2 / C2
R17-16G	1"	25	1.02	26.0	1.43	36.2	3,000	210	12,183	840	5.91	150	0.85	1.27	K2 / C2

\* R17-G Substitute: See R16-2SC Page.

## Applications/Features

Our 'R17-G' WorkHorse Hose® is one of our most popular 1 or 2-wire braided hoses (depending on the size) and is isobaric at 3,000 PSI. This hose meets and exceeds the performance requirements of SAE 100R17. It is a highly flexible R17 hose that is NON-Skive and MSHA flame resistant approved with a 4:1 safety factor. Designed to be used in high pressure service, it is suitable for conveying petroleum-based hydraulic fluids, synthetic esters, biodegradable fluids, water-glycol based fluids, and air. An MSHA flame resistant approved black cover with a black embossed layline is standard.

## Temperature

-40° to +212° F (-40° to +100° C)  
+248° F (+120° C) Maximum Intermittent

## Tube

Oil Resistant Black Synthetic Rubber

## Notice

For Average Reel Lengths See Page C-150  
Made in Thailand  
Hose Assemblies or Bulk  
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## Reinforcement

1-Wire High Tensile Steel Braids (-04, -06)  
2-Wire High Tensile Steel Braids (-08, -10, -12, -16)

## Cover

Abrasion, Ozone, and Weather Resistant Synthetic Rubber  
MSHA Flame Resistance Approval  
Black with a Black Molded-Embossed Layline

## Reference

Aeroquip-Eaton: FC639  
Gates: Mega3000 (M3K)  
Parker: 451  
Weatherhead-Eaton: H145



WorkHorse Hose® is a registered trademark of Pressure Connections

## 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).

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**PRESSURE CONNECTIONS CORP.**

Hydraulic Hose | A-17