

R16-2SC

Braided Wire Hose

6-IN-1 Hose® | SAE 100R16 S | DIN EN 857 2SC



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)	
R16-2SC-04	1/4	6	0.26	6.6	0.54	13.7	5,800	400	23,206	1600	1.97	50	0.17	0.25	K2 / C2
R16-2SC-06	3/8	10	0.39	9.9	0.67	17.0	4,780	330	19,145	1320	2.56	65	0.24	0.36	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
R16-2SC-16	1"	25	1.02	26.0	1.39	35.3	2,390	165	9,572	660	5.91	150	0.78	1.16	K2 / C2
R16-2SC-20	1-1/4	31	1.25	31.8	1.72	43.6	2,400	165	9,600	660	9.84	250	1.14	1.70	K2 / C2
R16-2SC-24	1-1/2	38	1.50	38.1	1.98	50.4	2,000	135	8,000	540	11.81	300	1.31	1.95	K4 / C2

Applications/Features

Our 'R16-2SC' 6-IN-1 Hose® is one of our most popular hydraulic hoses because it reduces inventory. It meets or exceeds and can replace: SAE 100R2AT, SAE 100R16 S, SAE 100R17, SAE 100R19, DIN EN 857 2SC, and DIN EN 853 2SN for most applications. R16-2SC is for medium to high pressure applications and is suitable for Use with hydraulic oils and lubricants, including mineral and vegetable oils. It is a NON-Skive hose with a 4:1 safety factor to provide extra spike durability. Its flexibility is even comparable to the tight bend radius of the ISO 11237-1 Type 2SC hose. An MSHA flame resistant approved black cover with a black embossed layline is standard.

Temperature

-40° to +212° F (-40° to +100° C)
+257° F (+125° C) Intermittent

Tube

Oil Resistant Black Synthetic Rubber

Notice

Optional Approvals: DNV, ABS, MED, Lloyd's
For Average Reel Lengths See Page C-150
Made in Thailand
Hose Assemblies or Bulk
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Reinforcement

2-Wire High Tensile Steel Braids

Cover

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

Reference

Aeroquip-Eaton: GH781 (R16 & 2SC)
Parker: 301/302, 431, 436, 462 ELITE, 472 (R16), 471 (2SC)
Weatherhead-Eaton: H230, H245 (R16), H245L (2SC)



6-IN-1 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.

