

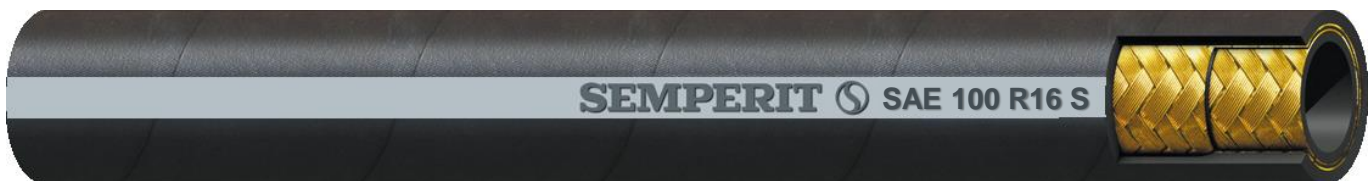


SEMPERIT 

SAE 100 R 16 S





Compact Hydraulic Hose construction acc. to SAE 100 R16 S



HOSE :

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Two braids of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber Note: various covers available
Temperature range	-40° C to 100° C / -40° F to +212° F (max 120° C/248° F intermittent)
Standard Branding	embossed

SEMPERIT  SAE100 R16 S -06 3/8" WP 330 BAR 4780 PSI . Q . . W . . z 

Nominal Ø		Inside Ø	Braid Ø	Outside Ø	Working pressure		Test pressure	Burst pressure	Bend radius	Weight
mm	inch	mm	mm	mm	bar	psi	bar	bar	mm	kg/m
6	1/4	6,6	11,7	13,7	400	5800	800	1600	50	0,25
8	5/16	8,3	13,0	15,0	350	5075	700	1400	55	0,27
10	3/8	9,9	15,1	17,0	330	4780	660	1320	65	0,36
12	1/2	13,0	18,3	20,5	275	3980	550	1100	90	0,46
16	5/8	16,4	21,9	23,9	250	3620	500	1000	100	0,63
19	3/4	19,5	25,5	27,7	215	3110	430	860	120	0,78
25	1	26,0	32,7	35,3	165	2390	330	660	150	1,16

Publication date: July 2016 - Subject to changes without notice

Please note: Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. In order to always have the latest product and safety information make sure you visit our website (www.semperflex.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions (available at www.semperitgroup.com).

Important notice: Our catalogue and any individual datasheet have been prepared with great care in order to provide you with all the information you need. The information contained therein is based on the latest state-of-the-art industrial technology and many years of experience and testing; whenever indicated for a certain product, we also confirm conformity with the resistance requirements of the media indicated in the product catalogue. However, the individual conditions of storage, maintenance and use decisively affect the safe and durable use of each product. The quality and safety of our products as indicated in the catalogue or individual datasheets are therefore strictly subject to the continuous observance of all specifications and restrictions in our written product information, applicable laws and standards. We reject any liability for safety issues or other consequences due to improper product choice, maintenance or handling (e.g. squashing, rupturing, stretching or filling with non-approved media). Our products must not be used in airplanes or other aerial vehicles under any circumstance. Unless specified otherwise, all hoses are manufactured according to EN853, 856, 857 and SAE J 517.

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