

SEMPERIT



DIN EN 856 / SAE 100 R 12

Multispiral Hydraulic Hose acc. to EN 856 / SAE 100 R 12 – MSHA approved



HOSE :

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Four spiral layers of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber – MSHA approved Note: various covers available
Temperature range	-40° C to 121° C / -40° F to +250° F
Standard Branding	Mylar Tape

SEMPERIT  DIN EN 856 / SAE100 R12 DN 10 3/8" WP 280 BAR 4060 PSI MSHA IC-8/17 

Nominal Ø		Inside Ø	Spiral Ø	Outside Ø	Working pressure		Test pressure	Burst pressure	Bend radius	Weight
mm	inch	mm	mm	mm	bar	psi	bar	bar	mm	kg/m
10	3/8	9,9	17,4	20,4	280	4060	560	1120	125	0,66
12	1/2	13,0	20,6	24,1	280	4060	560	1120	180	0,83
16	5/8	16,4	24,2	27,8	280	4060	560	1120	200	1,09
19	3/4	19,5	27,9	31,0	280	4060	560	1120	240	1,33
25	1	26,0	35,1	38,4	280	4060	560	1120	300	1,80
31	1-1/4	32,5	44,1	46,6	210	3045	420	840	420	2,69
38	1-1/2	38,7	49,9	53,3	175	2540	350	700	500	2,91
51	2	51,1	63,7	66,6	175	2540	350	700	630	4,64

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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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