SEMPERIT

SEMPERSHIELD SSC

Compact hydraulic hose construction with SEMPERSHIELD cover exceeds EN 857 2SC

GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Two braids of high tensile steel wire
Cover	Double layer construction – rubber cover with UHMPE foil – MSHA approved Outstanding abrasion and ozone resistance
Temperature range	-40°C to 100°C / -40°F to +212°F (max 120°C / 248°F intermittent)
Standard branding	Mylar tape

TECHNICAL DETAILS

Nominal			Internal-Ø		Braid-Ø		External-Ø		Work. pressure (max.)		Min. burst pressure		Bending radius (min.)		Weight approx.	
mm	inch	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	lbs/ft	kg/m
6	1/4	-4	6.6	0.26	11.0	0.43	13.0	0.51	400	5800	1600	23200	75	3.0	0.17	0.26
8	5/16	-5	8.3	0.33	12.9	0.51	14.6	0.57	375	5440	1500	21760	85	3.3	0.22	0.32
10	3/8	-6	9.9	0.39	14.7	0.58	17.1	0.67	350	5075	1400	20300	90	3.5	0.25	0.37
12	1/2	-8	13.0	0.51	18.0	0.71	20.0	0.79	300	4350	1200	17400	130	5.1	0.30	0.45
16	5/8	-10	16.4	0.65	21.9	0.86	24.0	0.94	275	3990	1100	15960	170	6.7	0.46	0.68
19	3/4	-12	19.5	0.77	25.7	1.01	27.5	1.08	235	3410	940	13640	200	7.9	0.54	0.81
25	1	-16	26.0	1.02	32.9	1.30	35.8	1.41	185	2685	740	10740	250	9.8	0.80	1.19

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 (hoses.semperitgroup.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts concluded with us are exclusively subject to our general terms and conditions (available at hoses.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 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. Our products are not designated for the sale to the general public and do not fulfill the conditions for "GS-certification" (voluntary certification related to tested safety).