

DIN EN 857 2 SC

Compact hydraulic hose construction acc. to 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	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 tape

TECHNICAL DETAILS

Nominell			Innen-Ø		Geflecht-Ø		Außen-Ø		Betriebsdruck (max.)		Min. Berstdruck		Biegeradius (min.)		Gewicht ca.	
mm	Zoll	dash	mm	Zoll	mm	Zoll	mm	Zoll	bar	psi	bar	psi	mm	Zoll	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	0,25
8	5/16	-5	8,3	0,33	12,9	0,51	14,7	0,58	350	5075	1400	20300	85	3,3	0,22	0,32
10	3/8	-6	9,9	0,39	14,7	0,58	16,6	0,65	330	4785	1320	19140	90	3,5	0,24	0,35
12	1/2	-8	13,0	0,51	18,0	0,71	20,0	0,79	275	3990	1100	15960	130	5,1	0,30	0,44
16	5/8	-10	16,4	0,65	21,9	0,86	23,9	0,94	250	3625	1000	14500	170	6,7	0,41	0,61
19	3/4	-12	19,5	0,77	25,7	1,01	27,6	1,08	215	3120	860	12480	200	7,9	0,52	0,77
25	1	-16	26,0	1,02	32,9	1,30	35,6	1,40	165	2395	660	9580	250	9,8	0,77	1,15
38	1-1/2	-24	38,7	1,52	47,6	1,87	50,4	1,98	100	1450	400	5800	255	10,0	1,32	1,97
51	2	-32	51,3	2,02	60,4	2,38	63,6	2,50	90	1305	360	5220	400	15,7	1,67	2,49

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 7718:1982. Notwithstanding the above listed temperature range the maximum surface temperature of the SemperShield hose cover must not exceed 120°C. 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].

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