

DIN EN 857 1 SC

Compact hydraulic hose construction acc. to EN 857 1SC



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	One braid 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

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	10.1	0.40	11.9	0.47	225	3265	900	13060	75	3.0	0.11	0.16
8	5/16	-5	8.3	0.33	11.7	0.46	13.7	0.54	215	3120	860	12480	85	3.3	0.13	0.20
10	3/8	-6	9.9	0.39	13.6	0.53	15.7	0.62	180	2610	720	10440	90	3.5	0.16	0.24
12	1/2	-8	13.0	0.51	16.6	0.65	19.4	0.76	160	2320	640	9280	130	5.1	0.22	0.33
16	5/8	-10	16.4	0.65	20.3	0.80	22.3	0.88	130	1885	520	7540	150	5.9	0.26	0.39
19	3/4	-12	19.5	0.77	24.0	0.94	26.0	1.02	105	1525	420	6100	180	7.1	0.33	0.49
25	1	-16	26.0	1.02	31.0	1.22	33.2	1.31	88	1275	352	5100	230	9.1	0.48	0.71
38	1-1/2	-24	38.8	1.53	46.8	1.84	50.8	2.0	52	755	208	3020	300	11.8	0.99	1.48

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