

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

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	0.25
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	15860	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	1.09	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	380	5220	400	15.7	1.67	2.48

