

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 – accepted by MSHA 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