

DIN EN 856 4 SH

Multispiral hydraulic hose acc. to EN 856 4SH



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Four spiral layers of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber – accepted by MSHA Note: various covers available
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		Spiral-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
16	5/8	-10	16.4	0.65	25.0	0.98	28.7	1.13	420	6090	1680	24360	200	7.9	0.85	1.26
19	3/4	-12	19.5	0.77	28.3	1.11	31.9	1.26	420	6090	1680	24360	280	11.0	0.97	1.44
25	1	-16	25.9	1.02	35.4	1.39	38.2	1.50	380	5510	1520	22040	340	13.4	1.34	1.99
31	1-1/4	-20	32.5	1.28	42.3	1.67	46.1	1.81	350	5075	1400	20300	460	18.1	1.71	2.55
38	1-1/2	-24	38.7	1.52	49.2	1.94	53.4	2.10	290	4205	1160	16820	560	22.0	2.19	3.26
51	2	-32	51.1	2.01	63.2	2.49	68.0	2.68	250	3625	1000	14500	700	27.6	3.02	4.50