

DIN EN 856/SAE 100 R 13

Multispiral hydraulic hose acc. to EN 856 / SAE 100 R13



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Four spiral layers DN19 – DN25 and six spiral layers DN32 – DN51 of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber – accepted by MSHA Note: various covers available
Temperature range	-40°C to 121°C / -40°F to +250°F
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
25	1	-16	25.9	1.02	35.4	1.39	38.2	1.50	350	5075	1400	20300	300	11.8	1.34	1.99
31	1-1/4	-20	32.5	1.28	46.9	1.84	50.5	1.99	350	5075	1400	20300	420	16.5	2.64	3.93
38	1-1/2	-24	38.7	1.52	53.9	2.12	57.4	2.26	350	5075	1400	20300	500	19.7	3.31	4.93
51	2	-32	51.1	2.01	67.9	2.67	71.5	2.81	350	5075	1400	20300	630	24.8	4.64	6.90