

DIN EN 856/SAE 100 R 13

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



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 – MSHA approved Note: various covers available
Temperature range	-40°C to 121°C / -40°F to +250°F
Standard branding	Mylar tape

TECHNICAL DETAILS

Nominal		Inner Ø		Spiral Ø		Outer Ø		Operating pressure (max.)		Min. Burst pressure		Bend radius (min.)		Weight approx.		
mm	Zoll	dash	mm	Zoll	mm	Zoll	mm	Zoll	bar	psi	bar	psi	mm	Zoll	lbs/ft	kg/m
19	3/4	-12	19,5	0,77	28,6	1,13	31,7	1,25	350	5075	1400	20300	240	9,4	0,97	1,44
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

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