

# DIN EN 856/SAE 100 R 12

Multispiral hydraulic hose acc. to EN 856 / SAE 100 R12 – MSHA approved



## GENERAL

<b>Tube</b>	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
<b>Reinforcement</b>	Four spiral layers of high tensile steel wire
<b>Cover</b>	Abrasion and ozone resistant synthetic rubber – MSHA approved Note: various covers available
<b>Temperature range</b>	-40°C to 121°C / -40°F to +250°F
<b>Standard branding</b>	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
10	3/8	-6	9,9	0.39	17,4	0.69	20,2	0.79	280	4060	1120	16240	125	4.9	0.45	0,67
12	1/2	-8	13,0	0.51	20,6	0.81	24,2	0.95	280	4060	1120	16240	180	7.1	0.56	0,84
16	5/8	-10	16,4	0.65	24,2	0.95	27,9	1.10	280	4060	1120	16240	200	7.9	0.76	1,13
19	3/4	-12	19,5	0.77	27,9	1.10	30,5	1.20	280	4060	1120	16240	240	9.4	0.89	1,33
25	1	-16	25,9	1.02	35,1	1.38	37,9	1.49	280	4060	1120	16240	300	11.8	1.20	1,79
31	1-1/4	-20	32,5	1.28	44,1	1.73	46,2	1.82	210	3045	840	12180	420	16.5	1.74	2,59
38	1-1/2	-24	38,7	1.52	49,9	1.96	53,3	2.10	175	2540	700	10160	500	19.7	2.17	3,23
51	2	-32	51,1	2.01	63,7	2.51	66,6	2.62	175	2540	700	10160	630	24.8	2.97	4,42

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