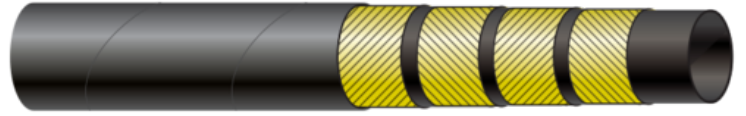


DIN EN 856/SAE 100 R 12

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



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 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
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