

SAE 100 R 15

Multispiral hydraulic hose acc. to SAE 100 R15



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Four spiral layers DN10 – DN25 and six spiral layers DN31 – 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			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	17.7	0.70	21.0	0.82	420	6090	1680	24360	150	5.9	0.47	0.70
12	1/2	-8	13.0	0.51	20.6	0.81	24.2	0.95	420	6090	1680	24360	200	7.9	0.56	0.84
16	5/8	-10	16.4	0.65	24.2	0.95	27.9	1.10	420	6090	1680	24360	235	9.3	0.74	1.10
19	3/4	-12	19.5	0.77	28.3	1.11	31.9	1.26	420	6090	1680	24360	265	10.4	0.97	1.44
25	1	-16	25.9	1.02	35.4	1.39	38.2	1.50	420	6090	1680	24360	330	13.0	1.34	1.99
31	1-1/4	-20	32.5	1.28	46.9	1.84	50.5	1.99	420	6090	1680	24360	445	17.5	2.64	3.93
38	1-1/2	-24	38.7	1.52	53.9	2.12	57.4	2.26	420	6090	1680	24360	530	20.9	3.31	4.93
51	2	-32	51.1	2.01	67.9	2.67	71.5	2.81	420	6090	1680	24360	600	23.6	4.64	6.90