

Flexline 6000

The high flexible compact hydraulic hose with reduced bend radii and bending force.

Meets ISO 18752 – BC [2-wire braided]

Meets ISO 18752 – CC [4-wire spiral+6-wire spiral]

Exceeds SAE100 R15 [4-wire spiral+6-wire spiral]



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) and bio-degradable hydraulic fluids
Reinforcement	Two [2W], four [4W] or six [6W] 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 100°C / -40°F to +212°F [2W] -40°C to 121°C / -40°F to +250°F [4W+6W]
Standard branding	Mylar tape
Note	Impulse tested up to 500.000 cycles [tested acc. to ISO6803:2017]

TECHNICAL DETAILS

Nominal			Reinforcement layers	Internal-Ø		Reinforcement-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
6	1/4	-4	2	6.4	0.25	11.5	0.45	13.3	0.52	420	6090	1680	24360	45	1.8	0.18	0.27
8	5/16	-5	2	8.3	0.32	13.1	0.51	15.0	0.59	420	6090	1680	24360	55	2.2	0.22	0.32
10	3/8	-6	4	9.9	0.39	17.7	0.70	20.2	0.79	420	6090	1680	24360	65	2.6	0.56	0.67
12	1/2	-8	4	13.0	0.51	20.6	0.81	22.9	0.90	420	6090	1680	24360	90	3.5	0.52	0.78
16	5/8	-10	4	16.4	0.65	24.2	0.95	26.5	1.04	420	6090	1680	24360	100	3.9	0.71	1.05
19	3/4	-12	4	19.5	0.77	28.3	1.11	30.5	1.20	420	6090	1680	24360	120	4.7	0.91	1.36
25	1	-16	4	25.9	1.02	35.4	1.39	37.5	1.48	420	6090	1680	24360	150	5.9	1.31	1.95
31	1-1/4	-20	4	32.5	1.28	43.5	1.71	47.3	1.86	420	6090	1680	24360	400	15.7	2.02	3.01
31	1-1/4	-20	6	32.5	1.28	46.9	1.84	50.5	1.99	420	6090	1680	24360	400	15.7	2.53	3.77
38	1-1/2	-24	6	38.7	1.52	53.9	2.12	57.4	2.26	420	6090	1680	24360	460	18.1	3.31	4.93
51	2	-32	6	51.1	2.01	67.9	2.67	71.5	2.81	420	6090	1680	24360	540	21.3	4.63	6.89