

Flexline 4000

The high flexible compact hydraulic hose with reduced bend radii.

Meets ISO 18752 - BC [1-wire and 2-wire braided]

Meets ISO 18752 - Grade C [4-wire spiral]

Exceeds EN 856 / SAE 100 R12 [4-wire spiral]



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	One [1W], two [2W] or four [4W] 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 [1W+2W] -40°C to 121°C / -40°F to +250°F [4W]
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	1		6.6	0.26	9.8	0.38	11.7	0.46	280	4060	1120	16240	50	2.0	0.12	0.18
8	5/16	-5	2		8.3	0.33	13.0	0.51	15.0	0.59	280	4060	1120	16240	55	2.2	0.22	0.32
10	3/8	-6	2		9.9	0.39	14.7	0.58	16.8	0.66	280	4060	1120	16240	65	2.6	0.25	0.37
10	3/8	-6	4		9.9	0.39	17.4	0.69	20.2	0.79	280	4060	1120	16240	65	2.6	0.45	0.67
12	1/2	-8	2		13.0	0.51	18.4	0.72	20.5	0.81	280	4060	1120	16240	90	3.5	0.35	0.52
12	1/2	-8	4		13.0	0.51	20.6	0.81	24.2	0.95	280	4060	1120	16240	90	3.5	0.56	0.84
16	5/8	-10	2		16.4	0.65	21.9	0.86	23.7	0.93	280	4060	1120	16240	100	3.9	0.45	0.67
16	5/8	-10	4		16.4	0.65	24.2	0.95	27.9	1.10	280	4060	1120	16240	100	3.9	0.76	1.13
19	3/4	-12	2		19.5	0.77	26.0	1.02	27.8	1.09	280	4060	1120	16240	120	4.7	0.58	0.87
19	3/4	-12	4		19.5	0.77	27.9	1.10	30.5	1.20	280	4060	1120	16240	120	4.7	0.89	1.33
25	1	-16	4		25.9	1.02	35.1	1.38	37.9	1.49	280	4060	1120	16240	150	5.9	1.20	1.79
31	1-1/4	-20	4		32.5	1.28	42.3	1.67	45.9	1.81	280	4060	1120	16240	210	8.27	1.71	2.55
38	1-1/2	-24	4		38.7	1.52	49.2	1.94	53.4	2.1	280	4060	1120	16240	250	9.84	2.22	3.31
51	2	-32	4		51.1	2.01	64.3	2.53	68.0	2.68	280	4060	1120	16240	390	15.35	2.97	4.42