

# FLEXLINE 5000



The high flexible multispiral compact hydraulic hose with reduced bend radii and bending force meets ISO 18752 – CC



## GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC) and bio-degradable hydraulic fluids
Reinforcement	Four (4S) or six (6S) high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber – MSHA approved Note: MSHA and SemperRock cover available
Temperature range	-40°C to 121°C / -40°F to +250°F
Standard branding	Mylar tape

SEMPERIT  FLEXLINE 5000 DN 10 3/8" WP 380 BAR 5510 PSI ISO 18752-CC MEETS PERFORMANCE SAE100 R13 MSHA IC-8/19 MADE IN EUROPE . Q . . 

## TECHNICAL DETAILS

Nominal			Reinforcement layers	Inside		Spiral		Outside		Max. working pressure		Min. burst pressure		Min. bend radius		Weight	
mm	inch	dash		mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lbs/ft
10	3/8	-6	4	9,9	0.39	17,7	0.70	20,2	0.79	380	5510	1520	22040	65	2.6	0,67	0.45
12	1/2	-8	4	13,0	0.51	20,6	0.81	22,9	0.90	380	5510	1520	22040	90	3.5	0,78	0.52
16	5/8	-10	4	16,4	0.65	24,2	0.95	26,5	1.04	380	5510	1520	22040	100	3.9	1,05	0.71
19	3/4	-12	4	19,5	0.77	27,9	1.10	30,5	1.20	380	5510	1520	22040	120	4.7	1,33	0.89
25	1	-16	4	25,9	1.02	35,1	1.38	37,9	1.49	350	5075	1400	20300	150	5.9	1,79	1.20
31	1-1/4	-20	4	32,5	1.28	42,3	1.67	45,9	1.81	350	5075	1400	20300	210	8.3	2,55	1.71
38	1-1/2	-24	4	38,7	1.52	49,2	1.94	53,4	2.10	350	5075	1400	20300	250	9.8	3,26	2.19
38	1-1/2	-24	6	38,7	1.52	53,9	2.12	57,4	2.26	350	5075	1400	20300	460	18.1	4,93	3.31
51	2	-32	6	51,1	2.01	67,9	2.67	71,5	2.81	350	5075	1400	20300	540	21.3	6,90	4.64

**Impulse tested up to 500.000 cycles!\***

Publication date: July 2021 - Subject to changes without notice

\*tested acc. to ISO6803:2017

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