

# Flexline 4000

The high flexible multispiral compact hydraulic hose with reduced bend radii.

Exceeds EN 856 / SAE 100 R12

Meets ISO 18752 - Grade C



## GENERAL

<b>Tube</b>	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
<b>Reinforcement</b>	Four spiral layers of high tensile steel wire
<b>Cover</b>	Abrasion and ozone resistant synthetic rubber – MSHA approved Note: various covers available
<b>Temperature range</b>	-40°C to 121°C / -40°F to +250°F
<b>Standard branding</b>	Mylar tape

## TECHNICAL DETAILS

Nominell		Innen-Ø		Spiral-Ø		Außen-Ø		Betriebsdruck (max.)		Min. Berstdruck		Biegeradius (min.)		Gewicht ca.		
mm	Zoll	dash	mm	Zoll	mm	Zoll	mm	Zoll	bar	psi	bar	psi	mm	Zoll	lbs/ft	kg/m
10	3/8	-6	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	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	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	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	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	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	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	51,1	2,01	64,3	2,53	68,0	2,68	280	4060	1120	16240	390	15,35	2,97	4,42

**Please note:** Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage [especially of the cover] or unusual signs of wear and tear. All products must be stored, handled, and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. In order to always have the latest product and safety information make sure you visit our website [https://hoses.semperitgroup.com/] regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions [available at https://hoses.semperitgroup.com/].

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