

## PL1S



### Air/Water - 20 bar

**Application:**

A flexible air and water hose for use in industry, commerce and on construction sites.

**Notice:**

Larger dimensions available on request.

EN ISO 2398:2008 1A available on request.

**Temperature range:**

-30°C / +80°C.

**Safety factor:**

3 : 1

**Tube:**

Synthetic rubber, black, suitable for oil-laden air, antistatic, smooth.

**Reinforcement:**

Textile spiral (DN > 32 wrapped).

**Cover:**

Synthetic rubber, black, resistant to ozone and weather, antistatic, smooth (DN > 32 cloth impression).

**Marking:**

continuous inkjet, white letters:

DN >32 continuous mylartape, blue letters:

"SEMPERIT (S) PL1S Druckluft/Wasser Air/Water WP 20 bar/BP 60 bar".



Article number	Internal-Ø in		Wall width in mm	External-Ø in mm	Work. pressure (max.) bar	Number of inserts	Bending radius (min.) in mm	Weight approx. kg/m	Coil length (max.) m
	mm	inch							
68440 0532	5,0	3/16	3,2	11,4	20	2	45	0,12	50
68440 0640	6,0	1/4	4,0	14,0	20	2	60	0,19	50
68440 0636	6,3		3,2	12,7	20	2	60	0,14	50
68440 0832	8,0		3,2	14,4	20	2	80	0,18	50
68440 0840	8,0		4,0	16,0	20	2	80	0,23	50
68440 0845	8,0	5/16	4,5	17,0	20	2	80	0,27	50
68440 1035	10,0	3/8	3,5	17,0	20	2	100	0,24	50
68440 1045	10,0	3/8	4,5	19,0	20	2	100	0,32	50
68440 1340	12,5	1/2	4,0	20,5	20	2	75	0,31	50
68440 1345	13,0		4,5	22,0	20	2	80	0,39	50
68440 1645	16,0	5/8	4,5	25,0	20	2	100	0,45	50
68440 1935	19,0	3/4	3,5	26,0	20	2	120	0,38	50
68440 1950	19,0	3/4	5,0	29,0	20	2	120	0,56	50
68440 1955	19,0	3/4	5,5	30,0	20	2	120	0,64	50
68440 2550	25,0	1	5,0	35,0	20	2	150	0,73	50
68440 2560	25,0	1	6,0	37,0	20	2	150	0,91	50
68440 3265	32,0		6,5	45,0	20	2	190	1,23	50
48425 3860	38,0	1 1/2	6,0	50,0	20	2	350	1,20	40
48425 4060	40,0		6,0	52,0	20	2	400	1,20	40
48425 5070	50,0		7,0	64,0	20	4	500	1,55	40
48425 7510	75,0		10,0	95,0	20	4	650	2,00	40

**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 ([www.semperflex.com](http://www.semperflex.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 [www.semperitgroup.com](http://www.semperitgroup.com)). Additional important general information about the range, choice and safe use of our products can be found at our website ([www.semperflex.com](http://www.semperflex.com)) and must be followed without exception.

**Important notice:** Our catalogue and any individual datasheet have been prepared with great care in order to provide you with all the information you need. The information contained therein is based on the latest state-of-the-art industrial technology and many years of experience and testing; whenever indicated for a certain product, we also confirm conformity with the resistance requirements of the media listed in ISO TR 7620:2005(E). However, the individual conditions of storage, maintenance and use decisively affect the safe and durable use of each product. The quality and safety of our products as indicated in the catalogue or individual datasheets are therefore strictly subject to the continuous observation of all specifications and restrictions in our written product information and applicable laws and standards, the specifications regarding resistance to chemicals and our cleaning procedures. We reject any liability for safety issues or other consequences due to improper product choice, maintenance or handling (e.g. squashing, rupturing, stretching or filling with non-approved media). Our products must not be used in airplanes or other aerial vehicles under any circumstance. Unless specified otherwise, all hoses are manufactured according to EN ISO 1307:2008.