

PL2-DIN

Air/Water - 10/16 bar - DIN 20018-1:2003



SPECIFICATIONS

Application	Suitable for the delivery of lubricant-laden compressed air at a working pressure of 10 bar, and water, at a working pressure of 16 bar. For use in industry and commerce.
Standard/Approval	DIN 20018-1:2003.
Temperature range	-30°C / +70°C.
Safety factor	Water 2,5 : 1, Air 4 : 1
Tube	EPDM (DN >25 SBR), black, suitable for oil-laden air, smooth.
Reinforcement	Textile spiral (DN > 25 wrapped).
Cover	EPDM (DN >25 SBR), black, resistant to ozone and weather, smooth (DN >25 cloth impression).
Marking	continuous inkjet, white letters: DN >25 continuous mylartape, silver letters: "SEMPERIT (S) PL2 Druckluft/Wasser Air/Water DIN 20018 Quartal/Jahr PN 10/16 bar", as well as continuous embossed tape: "DN..quarter/year".
Notice	Hose is not suitable for the use in mines; for mining applications we recommend P16, P40, P100.

TECHNICAL DETAILS

Article number	Internal-Ø		Wall width	External-Ø	Work. pressure [max.]		Number of inserts	Bending radius [min.]	Weight approx.	Coil length [max.]
	mm	inch			mm	mm				
68417 1350	13,0	1/2	5,0	23,0	10	16	2	80	0,40	50
68417 1560	15,0		6,0	27,0	10	16	2	100	0,57	50
68417 1960	19,0	3/4	6,0	31,0	10	16	2	150	0,68	50
68417 2570	25,0	1	7,0	39,0	10	16	2	185	1,00	50
68427 2560	25,0	1	6,0	37,0	10	16	2	175	0,82	50
48427 3280	32,0	1 1/4	8,0	48,0	10	16	2	210	1,30	40
48427 3880	38,0	1 1/2	8,0	54,0	10	16	2	240	1,50	40
48427 5310	53,0		10,0	73,0	10	16	4	350	2,45	40
48427 6511	65,0		11,0	87,0	10	16	4	450	3,30	40
56427 8512	85,0		12,0	109,0	10	16	4	600	4,90	40
56427 1114	105,0		14,0	133,0	10	16	6	750	6,80	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. 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 www.semperitgroup.com). Additional important general information about the range, choice and safe use of our

products can be found at our website (<https://hoses.semperitgroup.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 observance 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. Our products are not designated for the sale to the general public and do not fulfill the conditions for "GS-certification", unless stated otherwise in the product datasheet.