

PLW10

Air/Water - 10 bar



SPECIFICATIONS

| | |
|-------------------|--|
| Application | A flexible air and water hose for use in industry, commerce and on construction sites. |
| Temperature range | -30°C / +70°C. |
| Safety factor | 3 : 1 |
| Tube | Synthetic rubber, black, suitable for oil-laden air, smooth. |
| Reinforcement | Textile spiral (DN > 32 wrapped). |
| Cover | Synthetic rubber, black, resistant to ozone and weather, smooth (DN > 32 cloth impression). |
| Marking | continuous inkjet, white letters: "SEMPERIT [S] PLW10 Luft/Wasser Air/Water WP 10 bar/BP 30 bar DN MADE IN EU //////////////". DN >32 continuous mylartape, white letters: "SEMPERIT [S] PLW10 Luft/Wasser Air/Water WP 10 bar/BP 30 bar MADE IN EU //////////////". |
| Notice | Larger dimensions available on request. |

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 | bar | | mm | kg/m | m |
| 68101 0630 | 6.0 | 1/4 | 3.0 | 12.0 | 10 | 2 | 60 | 0.13 | 50 |
| 68101 0835 | 8.0 | 5/16 | 3.5 | 15.0 | 10 | 2 | 80 | 0.19 | 50 |
| 68101 1035 | 10.0 | 3/8 | 3.5 | 17.0 | 10 | 2 | 100 | 0.22 | 50 |
| 68101 1335 | 13.0 | 1/2 | 3.5 | 20.0 | 10 | 2 | 130 | 0.24 | 50 |
| 68101 1635 | 16.0 | 5/8 | 3.5 | 23.0 | 10 | 2 | 160 | 0.28 | 50 |
| 68101 1935 | 19.0 | 3/4 | 3.5 | 26.0 | 10 | 2 | 190 | 0.33 | 50 |
| 68101 2540 | 25.0 | 1 | 4.0 | 33.0 | 10 | 2 | 250 | 0.48 | 50 |
| 68101 3255 | 32.0 | 1 1/2 | 5.5 | 43.0 | 10 | 2 | 320 | 1.09 | 50 |
| 48411 3860 | 38.0 | | 6.0 | 50.0 | 10 | 2 | 380 | 1.15 | 40 |
| 48411 5060 | 50.0 | | 6.0 | 62.0 | 10 | 2 | 500 | 1.35 | 40 |
| 48411 6370 | 63.5 | 2 1/2 | 7.0 | 77.5 | 10 | 4 | 630 | 2.05 | 40 |
| 48411 7580 | 75.0 | | 8.0 | 91.0 | 10 | 4 | 750 | 2.60 | 40 |

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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 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 your 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. Products delivered by us to the USA are manufactured according to IRPM-IP2, unless specified otherwise. All other hoses are manufactured according to EN ISO 1307:2008, unless specified otherwise. 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.