

## SM200

Concrete pumping wire - 100 bar - EN 12001



## SPECIFICATIONS

|                          |   |
|--------------------------|---|
| <b>Application</b>       | Specially developed hose for conveying concrete using concrete pumps.<br>Suitable for conveying highly abrasive media such as concrete, cement and plaster.   |
| <b>Feature</b>           | Long service life due to abrasion resistant tube.<br>Average wear of the tube 50 mm <sup>3</sup> [according to DIN ISO 4649:2021].<br>Thanks to highly abrasion resistant cover, the hose is also particularly resistant to mechanical stress from the outside.<br>Flexible and easy to handle, with good kink resistance due to a special hose design.<br>Suitable for reverse pumping, for easy cleaning. |
| <b>Temperature range</b> | -35°C / +80°C.  |
| <b>Safety factor</b>     | 2 : 1   |
| <b>Tube</b>              | NR/BR/SBR, black, abrasion resistant, antistatic, smooth.   |
| <b>Reinforcement</b>     | Steel wrapped.  |
| <b>Cover</b>             | SBR, black, highly abrasion resistant, resistant to ozone and weather, antistatic, cloth impression.  |
| <b>Marking</b>           | continuous mylar tape, red letters: "SEMPERIT [S] SM200 inch/DN CONCRETE PUMPING WP 100 bar 1450 PSI weight incl. concrete max. .. kg/m .. lbs/ft Made in EU //////////////"  |
| <b>Notice</b>            | The hose conforms to EN 12001:2011 and ASME B30.27-2014.  |

## 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                  |
| 48398 5195     | 50.8       | 2    | 9.5        | 69.8       | 100                   | 4                 | 250                   | 8.4*           | 40                 |
| 48398 6511     | 65.0       |      | 11.0       | 87.0       | 100                   | 4                 | 300                   | 14.1*          | 40                 |
| 48398 7511     | 75.0       |      | 11.0       | 97.0       | 100                   | 4                 | 350                   | 18.4*          | 40                 |
| 64398 0213     | 101.6      | 4    | 13.0       | 127.6      | 100                   | 4                 | 450                   | 31.1*          | 40                 |
| 64398 1214     | 125.0      |      | 14.0       | 153.0      | 100                   | 4                 | 500                   | 44.6*          | 40                 |

\*Weight data in the table are values of the hose filled with concrete.

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