

SM170

Concrete pumping wire - 85 bar - EN 12001



SPECIFICATIONS

| | |
|--------------------------|--|
| Application | Specially developed hose for conveying concrete using concrete pumps. Suitable for conveying highly abrasive media such as concrete, cement and plaster. |
| Feature | Long service life due to abrasion resistant tube. Average wear of the tube 50 mm ³ [according to DIN ISO 4649:2021]. Flexible and easy to handle, with good kink resistance due to a special hose design. Suitable for reverse pumping, for easy cleaning. |
| Temperature range | -35°C / +80°C. |
| Safety factor | 2 : 1 |
| Tube | NR/BR/SBR, black, abrasion resistant, antistatic, smooth. |
| Reinforcement | Steel wrapped. |
| Cover | SBR, black, resistant to ozone and weather, antistatic, cloth impression. |
| Marking | continuous mylar tape, yellow letters: "SEMPERIT (S) SM170 inch/DN CONCRETE PUMPING WP 85 bar 1233 PSI weight incl. concrete max. .. kg/m .. lbs/ft Made in EU //////////////" |
| Notice | 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 |
| 48598 5195 | 50.8 | 2 | 9.5 | 69.8 | 85 | 2 | 250 | 8.4* | 40 |
| 48598 6511 | 65.0 | | 11.0 | 87.0 | 85 | 4 | 300 | 12.9* | 40 |
| 48598 7511 | 75.0 | | 11.0 | 97.0 | 85 | 4 | 350 | 16.3* | 40 |
| 48598 8012 | 80.0 | | 12.0 | 104.0 | 85 | 4 | 380 | 18.7* | 40 |
| 64598 0212 | 101.6 | 4 | 12.0 | 125.6 | 85 | 4 | 450 | 29.5* | 40 |
| 64598 1213 | 125.0 | | 13.0 | 151.0 | 85 | 4 | 500 | 43.3* | 40 |

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

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