SEMPERCONCRETE170-SM170-wire

Concrete Pump Hose



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. Flexible and easy to handle, with good kink resistance due to a special hose design. Average wear of the tube 50 mm^3 (according to DIN ISO 4649:2021). Suitable for reverse pumping, for easy cleaning.
Temperature range	-31°F / +176°F [-35°C / +80°C].
Safety factor	2 : 1
Tube	NR/SBR/BR, black, smooth, antistatic, abrasion resistant.
Reinforcement	Steel cord 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	inch	psi		inch	lbs/ft	ft
49598 5195	50.8	2	9.5	2.75	1233	2	10	5.70*	100
49598 6312	63.5	2 1/2	12.3	3.47	1233	2	12	8.70*	100
49598 7613	76.2	3	13.0	4.02	1233	4	14	11.00*	100
65598 0214	101.6	4	14.0	5.12	1233	4	16	19.80*	100
65598 0514	127.0	5	14.0	6.10	1233	4	18	29.10*	100

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

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 (hoses.semperitgroup.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts concluded with us 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 (hoses.semperitgroup.com) and must be followed without exception.

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⚠ **WARNING**: Cancer and Reproductive Harm - www.P65Warnings.ca.gov