

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.

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 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.

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.