

SEMPERCONCRETE170-SM170-wire

Concrete Pump Hose

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 mm³ (according to DIN ISO 4649:2021).

Suitable for reverse pumping, for easy cleaning.

Notice:

The hose conforms to EN 12001:2011 and ASME B30.27-2014.

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 // // // // //"



Article number	Internal-Ø in		Wall width in mm	External-Ø		Work. pressure (max.) psi	Number of inserts	Bending radius (min.) in inch	Weight approx. lb/ft	Coil length (max.) ft
	mm	inch		in	inch					
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. In order to always have the latest product and safety information make sure you visit our website (www.semperflex.com) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex 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 (www.semperflex.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 latest 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 the 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. Unless specified otherwise, all hoses are manufactured according to EN ISO 1307:2008.