

SM200

Concrete pumping wire - 100 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 mm³ [according to DIN ISO 4649:2021].
Thanks to highly abrasion resistant cover, the hose is also particularly resistant to mechanical stress from the outside.
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, highly abrasion resistant, resistant to ozone and weather, antistatic, cloth impression.

Marking

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 //////////////"

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
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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