IWH

Multipurpose EPDM - 20 bar

SPECIFICATIONS

Application	Highly flexible service water hose, with very good ageing, weather and abrasion resistance, for conveying air and water.
Feature	EPDM tube and cover resistant to heat, sunlight, ozone and weather. Kink resistant due to textile reinforcement. Electrically conductive tube construction prevents the build-up of static electricity. Resistance R<10^6 Ohm (according to EN ISO 8031:2009).
Temperature range	-40°C / +120°C ; max. +100°C fluid temperature in closed systems.
Safety factor	3 : 1
Tube	EPDM, black, electrically conductive, smooth.
Reinforcement	Textile spiral.
Cover	EPDM, black, resistant to ozone and weather, electrically conductive, smooth, 4 orange longitudinal stripes.
Marking	continuous inkjet, white letters: "SEMPERIT (S) Wasser/Water EPDM WP 20 bar/BP 60 bar XQ/YYYY +100°C (conditionally +120°C) CONDUCTIVE R < 10^6 Ohm/m MADE IN EU //////".
Notice	If in any doubt regarding use, please contact Semperit. On request also available with blue, red or without stripes. ATTENTION: As temperature increases or decreases, burst pressure, safe working pressure, coupling retention properties and other safety characteristics of the hose can significantly decrease in closed systems/applications. Failure to consider how temperature and other conditions affect hose performance may cause property damage, serious bodily injury or death. **The hose must not be used in constantly pressurized closed systems at temperatures >100°C.** ATTENTION: Please be aware of the safety factor.

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
68908 1330	13.0	1/2	3.0	19.0	20	2	80	0.23	50
68908 1940	19.0	3/4	4.0	27.0	20	2	120	0.42	50
68908 2545	25.0	1	4.5	34.0	20	2	150	0.60	50
68908 3260	32.0	1 1/4	6.0	44.0	20	2	200	1.05	50
68908 3860	38.0	1 1/2	6.0	50.0	20	4	250	1.20	50

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 ARPM-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.