

# SAPHIR

Multipurpose EPDM - 20 bar



## SPECIFICATIONS

<b>Application</b>	Specialized multi-purpose hose with high temperature resistance as well as special cover quality which offers very good abrasion, aging, and weather resistance. This hose construction is especially designed for the usage in energy chains. Suitable for conveying air and water, as well as many chemical products in industry and agriculture [see resistance list].
<b>Feature</b>	Very cost effective due to its highly abrasion and weather resistant cover. [Abrasion according to EN ISO 6945:2000, max 0.5g (100N)]. Kink resistant due to textile reinforcement. Electrically conductive tube construction prevents the build-up of static electricity. $R < 10^6 \Omega$ [according to EN ISO 8031:1997].
<b>Temperature range</b>	-40°C / +100°C.
<b>Safety factor</b>	4 : 1
<b>Tube</b>	EPDM, black, electrically conductive, smooth.
<b>Reinforcement</b>	Textile spiral.
<b>Cover</b>	NR/BR, black, resistant to ozone and weather, abrasion resistant, smooth, 1 blue longitudinal stripe.
<b>Marking</b>	continuous marking, white letters: "SEMPERIT [S] SAPHIR PN 20 BAR DN +100°C MADE IN EU //////////////"

## 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	mm	mm	bar		mm	kg/m	m
68029 1035	10.0	3.5	17.0	20	2	60	0.19	50
68029 1340	13.0	4.0	21.0	20	2	78	0.27	50
68029 1945	19.0	4.5	28.0	20	2	115	0.44	50
68029 2550	25.0	5.0	35.0	20	2	150	0.61	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.

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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.