

## DS3 black

### Steam Hose

**Application:**

Suitable for conveying saturated steam and hot water.

For use in industry, car repair workshops and in process plants.

**Notice:**

Good resistance to many commercial cleaning agents. If using cleaning agents, please refer to our separate information sheet.

ATTENTION: Superheated steam shortens considerably the service life of the hose!

ATTENTION: Please refer to the saturated steam table.

**Temperature range:**

+164°C (saturated steam), +95°C (hot water).

**Safety factor:**

Steam 10: 1, Water 3.15 : 1

**Tube:**

EPDM, black, smooth, antistatic.

**Reinforcement:**

Textile wrapped.

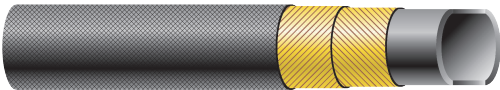
**Cover:**

EPDM, black, resistant to heat, ozone and weather, cloth impression.

**Marking:**

Continuous transfer tape, red:

"SEMPERIT S DS3 Sattdampf/Saturated Steam 164°C Sempersteam PN 6 bar".



Article number	Internal-Ø in		Wall width	External-Ø	Work. pressure (max.) bar		Number of inserts	Bending radius	Weight approx. kg/m	Coil length
	mm	inch			Satur. steam	Hot water				
48443 1350	13,0	1/2	5,0	23,0	6	18	2	80	0,30	40
48443 1650	16,0	5/8	5,0	26,0	6	18	2	95	0,35	40
48443 1960	19,0	3/4	6,0	31,0	6	18	2	115	0,55	40
48443 2565	25,0	1	6,5	38,0	6	18	2	160	0,75	40
48443 3270	32,0	1 1/4	7,0	46,0	6	18	2	195	0,95	40
48443 3870	38,0	1 1/2	7,0	52,0	6	18	2	250	1,25	40
48443 5080	50,0		8,0	66,0	6	18	2	300	1,70	40

**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](http://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](http://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](http://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.

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#### Temperature range:

+164°C (saturated steam), +95°C (hot water).

#### Safety factor:

Steam 10: 1, Water 3.15 : 1

#### Tube:

SBR/EPDM, black, smooth, antistatic.

#### Reinforcement:

Textile wrapped.

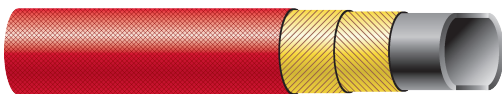
#### Cover:

SBR/NBR, red, limited grease and oil resistance, cloth impression.

#### Marking:

Continuous transfer tape, black:

"SEMPERIT S DS3 Sattedampf/Saturated Steam 164°C Sempersteam PN 6 bar".



Article number	Internal-Ø in		Wall width in mm	External- Ø in mm	Work. pressure (max.) bar		Number of inserts	Bending radius (min.) in mm	Weight approx. kg/m	Coil length (max.) m
	mm	inch			Satur. steam	Hot water				
48446 1350	13,0	1/2	5,0	23,0	6	18	2	80	0,35	40
48446 1660	16,0	5/8	6,0	28,0	6	18	2	95	0,55	40
48446 1960	19,0	3/4	6,0	31,0	6	18	2	115	0,60	40
48446 2570	25,0	1	7,0	39,0	6	18	2	150	0,90	40
48446 3270	32,0	1 1/4	7,0	46,0	6	18	2	195	1,05	40
48446 3890	38,0	1 1/2	9,0	56,0	6	18	2	230	1,65	40
48446 5010	50,0		10,0	70,0	6	18	2	300	2,40	40

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