

BIW Isolierstoffe GmbH

Pregelstraße 2-5
D-58256 Ennepetal
Tel.: +49 (2333) 8308-0
Fax.: +49 (2333) 8308-10
info@biw.de
www.biw.de

Certified management system by:

- IATF16949
- ISO9001
- ISO13485
- ISO14001
- ISO50001



TECHNICAL DATASHEET

INDUSTRIES AND APPLICATIONS



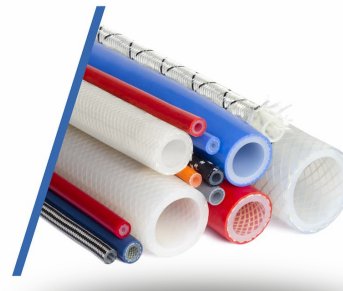
SANIBIW

Typical uses

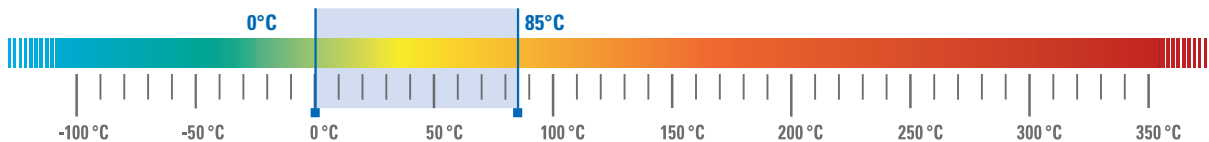
- Equipment items for pipes
- Seals for pipes
- Hoses / pipes of different sizes
- Hoses for sanitary installations, fixtures, etc.
- Different pressure ranges operable

Key properties

- Articles made of silicone rubber for applications in the sanitary area
- Hoses from 6 to 25 mm inner diameter
- Tested according to the KTW guideline of the (German) Federal Environmental Bureau
- Tested according to DVGW W270
- Tested according to BS 6920 (WRAS)
- Tested according to ACS
- Additional article variants and approvals on request
- Different colour settings are possible depending on the application or approval



Application temperature



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Approvals / tests

SANIBIW WB (hose)

- KTW: Pipes < 80 mm and subordinate classes; cold water and hot water
- W270: Satisfied
- BS 6920 (WRAS): Listed; use with cold and hot (up to 85°C) water
- ACS: Seal / accessory components (e.g. hose)

SANIBIW WB-R ("R"reinforced pressure hose)

- KTW: Pipes < 80 mm and subordinate classes; cold water and hot water
- W270: Satisfied
- BS 6920 (WRAS): Listed; use with cold and hot (up to 85°C) water
- ACS: Seal / accessory components (e.g. hose)

Material

- The hoses or articles are made of silicone rubber with a nominal hardness of 70 Shore A
- The pressure hoses are provided with a reinforcement made of suitable PES multifilament thread

Dimensions

The hoses are provided for a range from 6 to 25 mm inner diameter. Other dimensions are possible upon request.

KTW guideline

The areas of cold water (23°C) and hot water (60°C) are covered in accordance with regulations.

The following areas of use are included.

- › Pipes DN < 80 mm and all larger diameters and types
- › Equipment items for pipes of all diameters and types
- › Seals for pipes of all diameters and types
- › Containers and repair systems

Listed colour settings:

- SANIBIW WB: natural
- SANIBIW WB-R: interior natural, exterior natural or black

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DVGW W270

For all KTW-tested materials, there is also a successful test in accordance with W270.

BS 6920 (WRAS)

The application areas of cold water and hot water (up to 85°C) are covered in accordance with regulations.

Listed colour settings:

- SANIBIW WB: natural
- SANIBIW WB-R: interior natural; exterior natural; black, white, reddish brown or silver colours

ACS

The application areas "joint" and "composant d'accessoires" (seal... / accessory components) are covered in accordance with regulations.

- SANIBIW WB: natural
- SANIBIW WB-R: interior natural, exterior natural

Other options

Except for the aforementioned materials, colours, dimensions and approvals/tests, other variants are possible upon request.

According to experience, SANIBIW can also be approved in accordance with other national standards, such as NSF 61. These, as well as other comparable approvals, must be carried out, usually as a system test, by the customer. This process can be assisted by BIW upon request.