

Nevoga GmbH
Znaimerstrasse 4
DE - 83395 Freilassing

Test Certificate
(Extension of validity of Test Report 409.990/1)
Test in accordance with UBA KTW Guidelines (issued 2008)

Test institute: OFI Technologie & Innovation GmbH
Brehmstrasse 14A
1110 Vienna
Austria

Test period: 2013-03-19 to 2013-04-10

Test report number: 1801762 / 1H

Firm/Customer: Nevoga GmbH

Material: 'Oktagon PLUS', 'Oktagon', 'Distanz' spacers

Area of application: Equipment items in contact with drinking water

Assessment:

The tested components fulfil the requirements of the Guidelines for the Hygienic Evaluation of Organic Materials in Contact with Drinking Water (KTW Guidelines, issued 2008).

Under the condition that they are subjected to professional work processes, the aforementioned components are suitable for use in the areas of application listed on the reverse of this certificate.

The current test certificate is based on Test Report OFI 409.990/1 from 2013-04-12, the validity of which has undergone once-only extension.

The validity of the test certificates is based on conditions laid down elsewhere; it begins on the date of issue, ends on 2023-04-12 at the latest, and cannot be extended further.

The tested components 'Oktagon PLUS', 'Oktagon' and 'Distanz' fulfil the requirements of the KTW Guidelines in accordance with OFI Test Report 409.990/1 from 2013-04-12 for the following uses and temperature ranges:

Areas of application – Categories	Cold Water (23°C)	Warm Water (60°C)	Hot Water (85°C)
Pipes DN < 80 mm (house installation)	---	---	---
Pipes 80 mm ≤ DN ≤ 300 mm (supply lines)	---	---	---
Pipes DN ≥ 300 mm (main lines)	---	---	---
Equipment items (house installation)	Fulfilled	---	---
Equipment items (supply lines)	Fulfilled	---	---
Equipment items (main lines)	Fulfilled	---	---
Seals (house installation)	---	---	---
Seals (supply lines)	---	---	---
Seals (main lines)	---	---	---
Containers in the house installation and repair systems for these containers	---	---	---
Containers outside the house installation and repair systems for these containers	---	---	---

The results contained in the present test report were obtained under the specific conditions of the respective test. They do not as a rule represent the sole criterion for the assessment of the product and its suitability for the specific areas of application.

This report comprises 2 pages 1 table
and 0 enclosures

(Logo) Non-accredited procedures are indicated as such.

1801762_1H KTW

(Datum)

Responsible test
coordinator

(Unterschrift)

Christoph Wirrer, BSc.

(Materials in contact with drinking water)

The test results refer only to the sample material investigated. Test reports may only be made available to third parties, whether for a charge or at no charge, with the full text, citing the name of OFI.

All tests are subject to a quality assurance programme pursuant to EN ISO/IEC 17025:2005.

The General Terms and Conditions of Business of OFI Technologie & Innovation GmbH in the current wording apply; these are available for download from the Internet (<http://www.ofi.at>).

(Logo, Adresse usw.)

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TEST CERTIFICATE
Based on ÖNORM B 5014-1:2016

***‘Sensory and Chemical Requirements and Testing of Materials in Contact with Drinking Water,
Part 1: Organic Materials’***

Manufacturer: Nevoga GmbH, DE – 83395 Freilassing
Product(s): ‘Oktagon PLUS’, ‘Oktagon’, ‘Distanz’ spacers
Material type: Polypropylene
Test: Initial test pursuant to ÖNORM B 5014-1:2016

According to OFI test reports No. 1801762 / 1H and 1801762 / 2H from 2019-01-22, the aforementioned products were subjected to all tests specified in ÖNORM B 5014-1:2016, where they fulfilled the requirements for the following uses and temperature range(s).

Areas of application - Categories	Cold Water (23±2) °C	Warm Water (60±2) °C	Hot Water (85±2) °C
Pipes DN < 80 mm (house installation)	---	---	---
Pipes 80 mm ≤ DN ≤ 300 mm (supply lines)	---	---	---
Pipes DN ≥ 300 mm (main lines)	---	---	---
Equipment items for house installation	Fulfilled	---	---
Equipment items for supply lines	Fulfilled	---	---
Equipment items for main lines	Fulfilled	---	---
Seals for house installation	---	---	---
Seals for supply lines	---	---	---
Seals for main lines	---	---	---
Containers in the house installation and repair systems for these containers	---	---	---
Containers outside the house installation and repair systems for these containers	---	---	---

Availability of facilities/qualified personnel for self-monitoring tests and a product-specific quality assurance plan at the manufacturer:

Not checked in the scope of the test pursuant to ÖNORM B 5014-1:2016

The **validity of this test certificate** ends on **2023-04-12** (or in the case of external monitoring, on 2024-04-12) – under the condition that no changes occur in the construction, in the material, and/or in the manufacturing process that deviate from the usual process-internal configurations and adjustments; similarly, in the event of a change to the relevant legal and/or normative provisions that necessitate a repeated assessment of the product, the test certificate ceases to be valid.
Vienna, 2019-01-22

(Unterschrift)
Christoph Wirrer
Test coordinator for materials in contact with drinking water