



CERTIFICATION MARK

This certifies that

NEOPERL GMBH

has had the undermentioned product examined, tested and found, when correctly installed, to comply with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations and Scottish Water Byelaws.

NEOFLEX SPX RANGE OF FLEXIBLE HOSE ASSEMBLIES

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

June 2020

1506306

Certificate No.

Handwritten signature of J. Funnell in black ink.

Secretary

Handwritten signature of K. Leisberg in black ink.

Chairman, Product Assessment Group



17th March 2016

Neoperl GmbH
Klosterrunstr. 9 - 11,
79379 Mullheim,
Germany

Water Regulations Advisory Scheme Ltd.
Unit 13, Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

Approval Number: 1506306

Dear Sir/Madam

1. Production samples of the products described in Approval Information ("Products") have been subjected to relevant mechanical and water quality tests contained in the "Regulators' Specifications" for the purposes of your application for WRAS Approval.
2. After considering the test reports and examining the Product/s, The Water Regulations Advisory Scheme Ltd. ("WRAS Ltd" / "WRAS") finds that their use, when correctly installed (see paragraph 3) complies with the requirements of The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009 and all other applicable WRAS requirements from time to time.

The non-metallic materials of construction, in contact with the water, are suitable for contact with wholesome water intended for domestic purposes having met the requirements of BS 6920-1: 2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water.

WRAS Approvals are granted subject to and in accordance with the Standard Terms and Conditions of WRAS Fittings Approval as amended from time to time ("**Standard Terms of Approval**"). You have confirmed your acceptance of the Standard Terms of Approval by submitting your application for WRAS Approval. A copy of the current Standard Terms of Approval are attached to this letter as Appendix B and are also available from the WRAS website: www.wras.co.uk.

Terms defined in the Standard Terms of Approval shall have the same meaning in this letter unless the context otherwise requires.

3. Installation Requirements & Notes (IRNs) are set out in Appendix A. WRAS Product Approvals may include one or more IRNs, which must be followed by the installer to ensure that the product is installed correctly to comply with The Regulations and Byelaws. Since the incorrect installation of products could result in contravention of the Regulations or Byelaws requirements, **the attention of your customers should be drawn to any IRNs.**
4. Please note that the use of the Products described in any particular area of supply is at the discretion of the Water Undertaker in that area.
5. Approval Holders may quote in their sales literature that **WRAS finds that the use of these products, when correctly installed, will not contravene the requirements of** The Water Supply (Water Fittings) Regulations 1999, The Water Supply (Water Fittings) (Scotland) Byelaws 2014, The Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.
6. The "WRAS Approved Product" logos are certification marks registered under the Trade Marks Acts 1994 ("**Certification Marks**"). Approval Holders may use the Certification Marks in accordance with the Standard Terms of Approval.
7. Please verify the details of your Product as set out in the approval information and advise us of any discrepancies by no later than **17th April 2016**

Yours Faithfully

A handwritten signature in blue ink, appearing to read 'Jason Furnival', written in a cursive style.

Jason Furnival
Secretary, Product Approval Group

APPROVAL INFORMATION

Validity dates:	This approval is valid for fittings (as listed below in model) manufactured AND installed between June 2015 & June 2020
Section Number:	1860
Section title:	TUBES - PLASTIC HOSES.
Installation requirement notes:	R001, R008 (IRN's are set out in Appendix A)
Product description:	Range of stainless steel braided PE-X lined flexible hose assemblies with various end connections with EPDM rubber washers and/or NBR rubber 'O'-rings. Maximum working pressure 10.0 bar. Maximum operating temperature 70°C.
Size:	DN6, DN8, DN10 & DN13 available with the following end connections: 15mm compression, 3/8", 1/2" & 3/4" female elbow, 7/16", 9/16", 3/8", 1/2" & 3/4" female straight, 3/8", 1/2" & 3/4" male straight, M8, M9, M10 & M12 male, D10 & D12 tube, D10 & D12 plug in.
Identification Marking:	Neoperl, size, temperature, WRAS and date of manufacture YYMMDD on crimped connector. (Date of manufacture changed to YYYY from July 2016)
Manufacturer:	Neoperl GmbH, Neoperl Nordic A/s, NPI Italia Srl (MI), NPI Italia Srl (CR) & Neoperl Xinhui Ltd.
Factor:	Neoperl GmbH
Model:	Neoflex SPX range

APPENDIX A

INSTALLATION REQUIREMENTS & NOTES

You are advised to draw customers' attention to the installation requirements and notes set out below which must be followed to ensure that the fittings described above are installed in accordance with the requirements of the Regulations and Byelaws:

IRN R001

See text of entry for Installation Requirements or Notes.

IRN R008

This fitting is to be installed where light is excluded.

APPENDIX B - Standard Terms of Approval

STANDARD TERMS & CONDITIONS OF WRAS PRODUCT APPROVAL

The Water Regulations Advisory Scheme (WRAS) administers the WRAS Product Approval and Material Approval Scheme on behalf of the UK Water Supply Industry.

WRAS Approval of products is granted subject to the following standard conditions, which holders of approvals accept on signing the WRAS Approval application form (Form F2).

1. Introduction

1.1. The WRAS Approval Scheme and the WRAS Product and Materials Directory are owned and operated by the Water Regulations Advisory Scheme Ltd (“WRAS Ltd” or “WRAS”).

1.2. WRAS Approvals are granted by the WRAS Product Assessment Group (“PAG”). Members of the PAG are suitably experienced representatives of the UK Water Supply Industry appointed by the WRAS Technical Committee.

1.3. In these Standard Terms of Approval, the following definitions shall apply:

“**Agent**” means any third party agent nominated by the Applicant for the purposes of the Application and whose details are set out in section 4 of the Application Form;

“**Applicant**” means any person, company or other organisation / entity that applies for WRAS Approval in respect of a Product;

“**Application**” means an application for WRAS Approval;

“**Application Form**” means the F2 application form to be used when applying for WRAS Approval and which can be found on the WRAS website www.wras.co.uk;

“**Approval**” / “**WRAS Approval**” means approval granted by WRAS on behalf of UK Water Suppliers once WRAS is satisfied that the Product complies with the requirements of the Water Supply (Water Fittings) Regulations 1999 and BS 6920 and any other applicable requirements from time to time;

“**Approval Holder**” means the holder of an existing WRAS Approval, which includes holders of both Primary Approvals and Secondary Approvals;

“**Approval Period**” has the meaning set out in clause 3.5;

“**Approved Product**” means any water fitting, plumbing product, material or component which is the subject of an existing WRAS Approval;

“**Approval Letter**” means the letter from WRAS to the Applicant confirming the grant of WRAS Approval in respect of a Product;

“**Approval Scheme Installation Requirements and Notes**” means any installation requirements and notes issued by WRAS as part of a WRAS Approval;

“**Certification Mark**” has the meaning set out in clause 20.1;

“**Committee**” means the WRAS Technical Committee;

“**Directory**” means the WRAS Product & Material Directory;

“**Event Outside Our Control**” means any act or event beyond WRAS’s reasonable control, including without limitation strikes, lock-outs or other industrial action by third parties, civil commotion, riot, invasion, terrorist attack or threat of terrorist attack, war (whether declared or not) or threat or preparation for war, fire, explosion, storm, flood, earthquake, subsidence, epidemic or other natural disaster, or failure of public or private telecommunications networks [or impossibility of the use of railways, shipping, aircraft, motor transport or other means of public or private transport];

“**Factor**” a factor is generally an organisation that did not manufacture the Product, typically being a retailer, reseller or wholesaler;

“**Primary Approval**” means an Approval granted pursuant to the first Application for a Product and any subsequently renewals of that first Approval;

“**Product**” means any water fitting, plumbing product, material or component submitted to WRAS for WRAS Approval;

“**Sample**” samples of the Product to be sent to WRAS for evaluation as part of the Application;

“**Scheme**” means the Water Regulations Advisory Scheme;

“**Secondary Approval**” means an Approval granted pursuant to a second Application for a Product; a Secondary Approval relies on the existence of a Primary Approval and is typically used where the Product has been re-branded but maintains the same mechanical specifications as the Product submitted for Primary Approval and therefore does not require any further mechanical or materials testing;

“**Standard Terms of Approval**” these standard terms and conditions of WRAS Approval as amended from time to time in accordance with clause 24.2;

“**Test Facility**” means any WRAS suitably accredited test laboratory;

“**WRAS Guidance**” means the WRAS Product Approval Guidance available on the WRAS website www.wras.co.uk