

SOFTPEX®, Flexible connecting hose with polyamide braiding

Holder/Issued to

NEOPERL GmbH

Klosterrunsstraße 11, D-79379 Müllheim, Germany

Product description

SOFTPEX® is a flexible connecting hose made of PE pipe with an outer braiding of PA (polyamide) and factory installed fittings. Hoses are available in sizes DN 6 and DN8. Fittings are available in stainless steel AISI 316 and brass alloy CW510L, CW511L, CW602N, CW617N or CW724R.

Connecting hoses can be equipped with following fittings:

Union nut elbow: 3/8", 1/2" and 3/4".

Union nut straight: 3/8", 7/16", 1/2", 9/16" and 3/4".

Male thread: 3/8", 7/16", 1/2", 9/16", 3/4", M8x1, M10x1, M12x1 and M15x1.

Compression joint with insert: D8, D10 and D12 (for use with copper tubes)

Tube: D8, D10 and D12

Plug-in: D7 to D13

Intended use

Connecting hose for hot and cold water taps and for dishwashers and washing machines indoors, with an operating pressure not exceeding 1,0 MPa and a water temperature not exceeding 95°C momentarily or 70°C continuously. Connecting hose equipped with Plug-In fitting is designed for connection of products where the leak tightness to the connecting hose is covered by that product's type approval.

Trade name

SOFTPEX®: DN6 and DN8 with polyamide braiding

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations	6:62,	1st sentence and 2nd paragraph and general recommendation
Design	6:625,	1st and 4th paragraph

Associated documents

Installation instructions for connecting hoses, dated 2012-04-23.

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control plan: Appendix A to control agreement 143. Inspection body: DTI

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.

Manufacturing places

Production control includes the following places:

Neoperl Asia Pacific Co., Ltd., 21140 Rayong, Thailand.

Neoperl Nordic A/S, Erhvervsparken 1 DK-8920 Randers NV, Denmark.

Neoperl Italia S.r.l. for Monza and Soncino, Italy

-Via Velleia 19, 20900 Monza (MB), Italy.

-Via 25 Giugno 1900, 26029 Soncino (CR), Italy.

Neoperl Faucet Components (Jiangmen) Co., Ltd., No. 3 Yanan Industrial Zone, Yamen Town Xinhui District, Jiangmen, Guangdong Province, China.


Neoperl Bulgaria EOOD, v. Pavel Atanasov str. 33, 09301 Dobrich, Bulgaria.

Marking

The products are to be marked at the factory. The connecting hose is marked with manufacturer's name or abbreviation NP, year of manufacture, factory code, "max 70°C" and dimension.

Fittings made of dezincification resistant brass are marked with DR, fittings made of lead free brass are marked with LF, fittings made of low lead brass are marked with LL and dezincification resistant low lead fittings are marked with LD.

The packaging is marked with:

Holder	Neoperl
Product type designation	SOFTPEX®
Type approval number	SC0678-18
Properties	Max. 70°C
Boverket's registered trade mark	
RISE Accreditation number	1002
Inspection body	DTI

Basis for approval

Reports 1106406-003-007, 1106407-003-007, 1106400-001-006, 1106408-001-007, 1106409-001-007, 1106416-001-015, 1106417-001-015, 1106420-001-006, 1106471-001, 1106472-001, 1109046-001-014, 1109048-001-014, 1109050-001-014, 1109052-001-014, 1109054-001-014, 1109668-001-013 and 1110669-001-014 from TTR.

Reports RP001518 and RP021520 from TecnoLab.

Report 20-09305-01 from TEC Eurolab.

Reports 17LA21449, 20LA05037 and 20LA17577 from 3A.

Reports 505467-2, 883402-4, 931664-4, 883402-4, 931664-4, 989669-4, 165304-4 and 208668 from DTI.

Reports K-271137-16-BS/st, W-241134-14, K-332174-20, W-361509-22 and Z-344133-21-Hy112 from Hygiene-Institut des Ruhrgebiets.

Report K180413.14 from MPA.

Reports 392-2022-00129902_KW_EN, 392-2022-00328402_KW_EN and 392-2022-00104604_XN_EN_rev1 from Eurofins.

Comments

This approval is valid on condition that:

- the connecting hose is laid in the same room for its entire length.
- the maximum length of the connecting hose is 2.0 meters.
- a shut-off valve is fitted in an easily accessible place in the same room as the connecting hose.

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2024-02-18.

Validity

Valid through 2029-02-17.

The validity of this type approval can be verified at RISE homepage.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

A handwritten signature in blue ink, appearing to read 'Stefan Coric'.

Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish original shall take precedence.