

**CERTIFICATE OF CONFORMITY****23 – НУРВСПСРБ – PL – 043 - 57**

Issued pursuant to Art. 14, par.1 and/or par.2 of Ordinance № RD-02-20-1 from 05.02.2015 on the terms and the conditions for the use of construction products in the construction works of the Republic of Bulgaria of the Ministry of Regional Development and Public Works for the construction product

**Pipes from polypropylene random copolymer (PP-R)**  
*trademark „SilverLine”*

Designed for hot and cold water installations in buildings, with dimensions, working pressure and evaluated characteristics in accordance with Annex № 1 to this Certificate,

Released on the market by:

**“PIPELIFE BULGARIA“ EOOD**  
**3 Industrialna Street, Botevgrad, Bulgaria**

Produced in:

**Pipelife Turkey Arili Plastik Sanayi A.S.**  
**Ramazanoğlu, Sanayi Cd. No:7, 34906 Pendik/İstanbul, Turkey**

This Certificate certifies that the product’s characteristics have been evaluated according to

**BDS EN ISO 15874-2:2013**  
**BDS EN ISO 15874-2:2013/ NA:2014**

and conform to the national requirements, defined in  
*point 16 from Annex № 2 to item 2 of Order № ПД-02-14-1329 from 03.12.2015 of the Minister of the Regional Development and Public Works,*  
*amended and supplemented by Order № 02-14-590 from 05.07.2017*

The Certificate was issued for the first time on **04.03.2021**, reissued on **04.03.2024** and remains valid until **03.03.2027**, provided that the producer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

**Place of issuance: Sofia**  
**Date: 04.03.2024**

**BULAQUA STANDART**  
**CEO:**  
**(Dipl. Ing. Alexander Marinchev)**

*This certificate includes 1 Annex of 1 page, which is an integral part of the same.*

**Annex №1**

**to Certificate of conformity № 23 – HYPBCПCPE – PL – 043 – 57**

**issued on 04.03.2024 and valid until 03.03.2027**

**1. Dimensions and working pressure**

Nominal size DN, mm	Working pressure PN, bar	SDR
20 ÷ 110	10	11
20 ÷ 110	16	7,4
20 ÷ 110	20	6

**2. Evaluated characteristics in accordance with the national requirements**

Characteristic	Declaration requirement
Appearance and colour	Smooth and clean surface, without cracks and surface pores / even colouring According to BDS EN ISO 15874-2:2013, item 5.1
Geometrical characteristics, mm	According to BDS EN ISO 15874-2:2013 item 6.2, Tables 5 and 9
Hydrostatic strength (95 °C-165 h)	≥ 165 h without leakage and damage According to BDS EN ISO 15874-2:2013 item 7, Table 10
Melt mass-flow rate (MFR), 230 °C/ 2,16 kg/ 10 min	Maximum difference of 30 % between the MFR of the raw material According to BDS EN ISO 15874-2:2013 item 8, Table 11
Longitudinal reversion, %	Limit value ≤ 2% According to BDS EN ISO 15874-2:2013 item 8, Table 11
Impact resistance, % (Charpy method)	Without cracking < 10% According to BDS EN ISO 15874-2:2013 item 8, Table 11
Opacity (for pipes and fittings designed for water supply for human consumption)	Limit value < 0,2 % from the visible light According to BDS EN ISO 15874-2:2013

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**Date: 04.03.2024**

BULAQUA STANDART  
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(Dipl. Ing. Alexander Marinchev)