

CERTIFICATE OF CONFORMITY**23 – НУРВСПЦРБ – PL – 027 - 35**

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 (PP)
trademark "Pragma"

STRUCTURED-WALL PIPES WITH SMOOTH INTERNAL AND PROFILED EXTERNAL SURFACE
System type "B"

Designed for non-pressure underground drainage and sewerage used both outside and within building structure. Produced from PP, with range, dimensions, ring stiffness 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 BULGARIA" EOOD
3 Industrialna Street, Botevgrad, Bulgaria

This Certificate certifies that the product has been evaluated and conforms to the national requirements, defined in

BDS EN 13476-3:2018 +A1:2020
BDS EN 13476-3:2018 +A1:2020 /NA:2021

and point 12 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

The Certificate was issued for the first time on **27.01.2020**, **reissued on 27.01.2023** and remains valid until **26.01.2026**, 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: 27.01.2023

CEO: **BULAQUA** STANDART
(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 – НУРВСПСПБ – PL – 027 – 35
issued on 27.01.2023 and valid until 26.01.2026
1. Range, ring stiffness and dimensions

Nominal dimension DN/OD and DN/ID, mm	Ring stiffness SN, kN/m ²
160 ≤ DN/OD ≤ 400	8
160 ≤ DN/OD ≤ 400	10
160 ≤ DN/OD ≤ 400	12
160 ≤ DN/OD ≤ 400	16
300 ≤ DN/ID ≤ 1000	8
300 ≤ DN/ID ≤ 1000	10
300 ≤ DN/ID ≤ 1000	12
300 ≤ DN/ID ≤ 1000	16

2. Evaluated characteristics in accordance with the national requirements

Characteristic	Declaration requirement
Appearance and colour	smooth, clean and free from grooving, blistering, pores and any other surface defects color: black, orange-brown or dusty grey
Geometrical characteristics, mm: - average external diameter, DN/OD - average internal diameter, DN/ID	According to BDS EN 13476-3+A1
Melt mass-flow rate (MFR), 210 °C/ 2,16kg/ 10 min	According to BDS EN 13476-3+A1
Impact resistance (round the clock method) at 0 °C	TIR ≤ 10 % % of damaged samples According to BDS EN 13476-3+A1
Ring stiffness SN, kN/m ²	≥ from the declared value of SN According to BDS EN 13476-3+A1
Ring flexibility, kN	Without deformation at minimum 30 % from d _{em} According to BDS EN 13476-3+A1
Effect of heating, %	No damage, declamations, cracks or bubbles on the pipe According to BDS EN 13476-3+A1

Place of issuance: Sofia
Date: 27.01.2023

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(Dipl. Ing. Alexander Marinchev)