

CERTIFICATE OF CONFORMITY**23 – НУРВСПСРБ – SP – 006 - 28**

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 and fittings from polyethylene (PE)
trademark "PRAGNUM"

SPIRALLY FORMED STRUCTURED-WALL PIPING SYSTEMS WITH SMOOTH INTERNAL AND PROFILED EXTERNAL SURFACE

System type "B"

Designed for non-pressure underground drainage and sewerage. Produced from PE, 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:

SPIRAL PIPES TECHNICS d.o.o.
Dragljane 7, 21276 VRGORAC V., Croatia

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 **27.01.2021** and remains valid until **26.01.2024**, 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: 08.03.2022

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

This certificate includes 1 Annex of 2 pages, which is an integral part of the same.

Annex №1

to Certificate of conformity № 23 – НУРВСИРСБ – SP – 006 – 28

issued on 08.03.2022 and valid until 26.01.2024

1. Range, ring stiffness and dimensions

1.1 Pipes from polyethylene (PE)

Nominal sizes DN/ID, mm	Ring stiffness SN, kN/m ²
300 ≤ DN/ID ≤ 3000	4
300 ≤ DN/ID ≤ 3000	8
300 ≤ DN/ID ≤ 3000	16

1.2 Fittings from polyethylene (PE)

Product range	Nominal sizes DN/ID, mm
1. Branches: <ul style="list-style-type: none"> • 15° • 30° • 45° • 60° • 90° 	300
	400
	500
	600
	700
	900
	1200
	1300
	1400
	1500
	1600
	1800
	2000
	2200
	2500
2800	
3000	
2. Elbows: <ul style="list-style-type: none"> • 15° • 30° • 45° • 60° • 90° 	300
	400
	500
	600
	700
	900
	1200
	1300
	1400
	1500
1600	

	1800
	2000
	2200
	2500
	2800
	3000

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 13476-3:2018+A1:2020
Melt mass-flow rate (MFR), 210 °C/ 2,16kg/ 10 min	According to BDS EN 13476-3:2018+A1:2020
Impact resistance (round the clock method) at 0 °C	TIR ≤10 % % of damaged samples
Ring stiffness SN, kN/m ²	≥ from the declared value of SN
Ring flexibility, kN	Without deformation at minimum 30 % from d _{em}
Effect of heating, %	No damage, declamations, cracks or bubbles on the pipe

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