



# BULGARKONTROLA

**BULGARKONTROLA SA -Sofia**

*Conformity Assessment Body for Construction Products*

*With identification number 14 and Permit № ПОССП-14 on 15.09.2016*

*Issued by Ministry of Regional Development and Public Works*

## CERTIFICATE OF CONFORMITY

**14 – НУРВСПСРБ – 1414**

Issued pursuant to Art. 14, par.1 and par.2 of the Regulation № ПД-02-20-1 on 05.02.2015 on the terms and conditions for use of construction products in the construction of the Republic of Bulgaria on Ministry of Regional Development and Public Works for the **construction product**

### **PIPES MADE OF POLYETHYLENE HIGE DENSITY - HDPE 100RC**

Are designed for construction of drinking water supply systems outside buildings, for sandbedless installation, with nominal dimension, operating pressure and evaluated characteristics in accordance with national requirements as per Supplement № 1 to this Certificate.

placed on the market by

**SC TehnoWorld SRL**

**Baia, nr.1616, DN2E km2, Suceava country, postal cod RO727020,  
Romania**

manufactured by

**SC TehnoWorld SRL**

**Baia, nr.1616, DN2E km2, Suceava country, postal cod RO727020,  
Romania**

This certificate certifies that the product has been evaluated and meets national requirements set out in

**BDS EN 12201-2:2024**

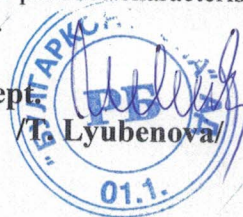
*and Annex 2, item 7 to item 2 of Order № 02-14-1329 from 12.03.2015,  
the Minister of Regional Development and Public Works*

The certificate was issued on **14/07/2025**, cancel the **Certificate № 14-НУРВСПСРБ-3859 from 19/06/2023** and remains valid until **18/06/2026**, provided the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

**Place: Sofia**

**Date: 14/07/2025**

**Director of "Conformity Assessment" Dept**





### 1. Dimensions and operating pressure

Nominal dimension DN/OD (mm)	PN (bar)	SDR*
20 ÷ 450	25	7,4
20 ÷ 800	20	9
20 ÷ 1000	16	11
25 ÷ 1000	12,5	13,6
32 ÷ 1200	10	17
40 ÷ 1200	8	21
50 ÷ 1200	6	26
315 ÷ 1200	5	33
315 ÷ 1200	4	41

\* Safety coefficient  $C=1,25$

### 2. Evaluated characteristics in accordance with national requirements

Characteristics	Requirement to declare / border level
Appearance	Smooth and clean surface without pores, According to item 6.1. of BDS EN 12201-2:2024
Colour	colour black with blue strips According to item 6.2. of BDS EN 12201-2:2024
Geometrical characteristics, mm	Group 1: $dn \leq 75$ mm Group 2: $75 \leq dn < 250$ mm Group 3: $250 \leq dn < 710$ mm Group 4: $710 \leq dn \leq 1200$ mm According to item 7, table 1,2 of BDS EN 12201-2:2024
Hydrostatic strength, (165 h, 80 °C)	No leaks and punctures over 165h According to item 8, table 3 of BDS EN 12201-2:2024
Resistance to slow crack growth -	Without crack growth According requirements to PAS 1075
Elongation at break, %	Without break up $\geq 350$ % According to item 9, table 5 of BDS EN 12201-2:2024
Longitudinal reversion, %	$\leq 3\%$ According to item 9, table 5 of BDS EN 12201-2:2024
Melt mass - flow rate (MFR), g/10min 190°C, 5 kg	$\pm 20$ % between MFR the raw material and the pipe According to item 9, table 5 of BDS EN 12201-2:2024
Oxidation time (OIT), min	$\geq 10$ min According to item 9, table 5 of BDS EN 12201-2:2024

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