



BULGARKONTROLA

BULGARKONTROLA SA -Sofia

Conformity Assessment Body for Construction Products

With identification number 14 and Permit № ПССП-14 on 15.09.2016

Issued by Ministry of Regional Development and Public Works

CERTIFICATE OF CONFORMITY

14 – НУРВСПСРБ – 3858

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 100

are designed for construction of **drinking water supply systems** outside buildings, 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 12201-2:2011+A1:2013

BDS EN 12201-2:2011+A1:2013/NA:2014

*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 **19/06/2023**, cancel the **Certificate № 14–НУРВСПСРБ-3410 from 29/05/2020** and remains valid for three years until **18/06/2026**, provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia

Date: 19/06/2023

Director of "Conformity Assessment" Dept.

/T. Lyubenova/





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 5.1. of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Colour	colour black with blue strips
Geometrical characteristics, mm	Group 1: $dn \leq 75$ mm Group 2: $75 \leq dn \leq 250$ mm Group 3: $250 \leq dn \leq 710$ mm Group 4: $710 \leq dn \leq 1200$ mm according to item 6, table 1,2 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Hydrostatic strength, (80 °C/165 h)	no leaks and punctures over 100/ 165 h according to item 7, table 3 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Elongation at break, %	> 350 % according to item 8, table 3 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Melt mass - flow rate (MFR), g/10min 190°C, 5 kg	± 20 % between MFR the raw material and the pipe according to item 8, table 5 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014
Oxidation time (OIT), min	> 20 min according to item 8, table 5 of BDS EN 12201-2:2011+A1:2013 BDS EN 12201-2:2011+A1:2013/NA:2014

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