BULGARKONTROLA

BULGARKONTROLA SA -Sofia

Conformity Assessment Body for Construction Products
With identification number 14 and Permit № РОССП-14 on 15.09.2016
Issued by Ministry of Regional Development and Public Works

CERTIFICATE OF CONFORMITY

14 – НУРВСПСРБ – 4329

Issued pursuant to Art. 14, par.1 and par.2 of the Regulation № РД-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 12201-2:2024
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 **12/10/2026,** cancel the **Certificate № 14–НУРВСПСРБ-3858 from 19/06/2023** and remains valid for three years until **11/10/2029,** 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: 12/10/2026

Director of "Conformity Assessment" Dept.
/T. Lyubenova/

"БУЛГАРКОНТРОЛА" 01.1.

1505 Sofia, 23, Sitnyakovo Blvd. | tel.: +359 2 989 4070 | e-mail: bulgarkontrola@bulgarkontrola.bg | www.bulgarkontrola.bg

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≤75 mm Group 2: 75 ≤dn≤250 mm Group 3: 250 ≤ dn≤710 mm Group 4: 710 ≤ dn≤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
Resistance to slow crack growth -for pipes with e >5 mm - Notched pipe test (NPT)	Without crack growth ≥ 500 h съгласнот.8, табл.3 на BDS EN 12201-2:2024
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 кg	± 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

Place: Sofia
Date: 12/10/2029

Director of "Conformity Assessment" Dept.
/T. Lyubenova/

„БУЛГАРКОНТРОЛА" 01.1.