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 – 4321

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**

FABRICATED FITTINGS
MADE OF PIPES OF POLYETHYLENE HIGE DENSITY HDPE 100 / HDPE 100-RC
are designed for construction of drinking water supply systems outside buildings,
with product range, nominal dimension, operating pressure and evaluated characteristics
in accordance with national requirements as per Supplement № 1 to this Certificate.

placed on the market by
TehnoWorld S.R.L.
1616 DN2E km 2, City of Baia, 727020 Suceava, Romania

manufactured by
TehnoWorld S.R.L.
1616 DN2E km 2, City of Baia, 727020 Suceava, Romania

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

BDS EN 12201-3:2024

and Annex 2, item 8 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 **23/09/2026,** cancel the **Certificate № 14–НУРВСПСРБ-4115 from 14/07/2025** and remains valid for three years until **22/09/2029,** provided the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia
Date: 23/09/2026

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

1. Product range, dimensions and operating pressure

Product range	dimensions DN/OD (mm	PN bar	SDR
Segmented elbow 30°	90 ÷ 1200	6	26
	90 ÷ 1200	10	17
	90 ÷ 630	16	11
Segmented elbow 45°	90 ÷ 1200	6	26
	90 ÷ 1200	10	17
	90 ÷ 710	16	11
Segmented elbow 60°	90 ÷ 1200	6	26
	90 ÷ 1200	10	17
	90 ÷ 710	16	11
Segmented elbow 90°	90 ÷ 1200	6	26
	90 ÷ 1200	10	17
	90 ÷ 710	16	11
Segmented tee 90°	90 ÷ 1200	6	26
	90 ÷ 1200	10	17
	90 ÷ 710	16	11
Segmented tee 45°	90 ÷ 800	6	26
	90 ÷ 800	10	17
	90 ÷ 710	16	11
Segmented cross	90 ÷ 630	6	26
	90 ÷ 630	10	17
	90 ÷ 630	16	11

Place: Sofia
Date: 23/09/2026

Director of "Conformity Assessment" Dept.
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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 12201-3:2024
Colour	Colour black with blue streps According to item 6.3. of BDS EN 12201-3:2024
Geometrical characteristics, mm	According to item 7.7, table B2 and B3 of BDS EN 12201-3:2024
Hydrostatic strength, (80 °C/165 /1000 h)	No leaks and punctures over 165/ 1000 h According to item Annex B, table B1 of BDS EN 12201-3:2024
Determination of resistance to slow crack growth for fittings made of PE 100-RC pipes Strain –hardening test (SHT)	No cracks -<G_p> ≥ 50,0 MPa According to item 8, table 4 of BDS EN 12201-3:2024
Melt mass - flow rate (MFR), g/10min 190°C, 5 кg	± 20 % between MFR the raw material and the pipe According to item 9, table 7 of BDS EN 12201-3:2024
Oxidation time (OIT), min	> 10 min According to item 9, table 7 of BDS EN 12201-3:2024
Tensile strength of butt fusion, N/mm2	Tensile strength / ductile According to item Annex B, table B1 of BDS EN 12201-3:2024

Place: Sofia
Date: 22/09/2026

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