

**CERTIFICATE OF CONFORMITY****23 – HYPBCIIICPБ – PL – 022 – 21**

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

**Fittings from polyethylene (PE100 RC)  
Trademark “FOX”**

Designed for installations outside buildings for water supply, drainage and sewerage under pressure with dimensions, working pressure, connection method 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:

**FOX FITTINGS Sp. Z o.o. Sp. k  
43-330 Wilamowice, Więźniów Oświęcimia 50, Poland**

This Certificate certifies that the product's characteristics have been evaluated according to

**BDS EN 12201-3:2011 + A1:2013  
BDS EN 12201-3:2011 + A1:2013/ NA:2014**

and conform to the national requirements, defined in  
*point 8 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,  
amended and supplemented by Order № 02-14-590 from 05.07.2017*

The Certificate was issued for the first time on **11.04.2022** and remains valid until **10.04.2025**, 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: 11.04.2022**

**CEO:**

**(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 – НУРВСПСРБ – PL – 022 – 21**
**issued on 11.04.2022 and valid until 10.04.2025**
**1. Dimensions and working pressure**

№	Product	SDR	PN, bar	DN/ Nominal diameter, mm
1	2	3	4	5
<b>1. Electrofusion fittings</b>				
1.	Coupler	11 17	16 10	20 ÷ 500 110 ÷ 500
2.	End cap	11	16	20 ÷ 315
3.	Reducer	11	16	25/20 ÷ 225/200
4.	Tee	11	16	20 ÷ 180
5.	Reduced EF tee	11	16	25/20 ÷ 160/125
6.	Elbow 90°	11	16	20 ÷ 160
7.	Elbow 45°	11	16	20 ÷ 160
8.	Tapping tee	11	16	40/20 ÷ 315/63
9.	Tapping valve	11	16	63/32 ÷ 250/63
10.	Branch saddle	11	16	63/32 ÷ 315/110
11.	Branch saddle universal	11	16	355-560/63 ÷ 630-900/110
12.	Repairing clamp with bilateral heating zone	11	16	63 ÷ 315
<b>2. Transition fittings – PE/ Brass</b>				
13.	Brass transition – male thread	11	16	20 x 1/2" ÷ 20 x 1/2"
14.	Brass transition – female thread	11	16	25 x 3/4" ÷ 125 x 4"

**2. Evaluated characteristics in accordance with the national requirements**

Characteristic	Declaration requirement
Appearance	smooth and clean surface, without cracks and surface pores According to BDS EN 12201-3:2011 + A1:2013, item 5.1
Colour	black colour According to BDS EN 12201-3:2011 + A1:2013, item 5.3
Geometrical characteristics, mm	According to BDS EN 12201-3:2011 + A1:2013 item 6, Tables 1, 2 and 3
Hydrostatic strength (80 °C-165 h)	≥ 165h without damage According to BDS EN 12201-3:2011 + A1:2013 item 7, Table 4

Oxidation induction time (thermal stability), min	≥ 20 min According to BDS EN 12201-3:2011 + A1:2013 item 8, Table 7
Melt mass-flow rate (MFR), 190 °C/ 5 kg/ 10 min	Maximum deviation ± 20 % between the measured value MFR of the raw material and the fitting According to BDS EN 12201-3:2011 + A1:2013 item 8, Table 7
Impact resistance of tapping tees	No failure, no leaks According to BDS EN 12201-3:2011 + A1:2013 item 7, Table 4
Decohesive resistance for electrofusion socket fittings	Length of initiation rupture ≤ L <sub>2</sub> / 3 in brittle failure According to BDS EN 12201-3:2011 + A1:2013 item 7, Table 4
Decohesive resistance for electrofusion saddle fittings	L <sub>d</sub> ≤ 50 % and A <sub>d</sub> ≤ 25 %, brittle failure According to BDS EN 12201-3:2011 + A1:2013 item 7, Table 4

**Place of issuance: Sofia**  
**Date: 11.04.2022**

**CEO:**  
**(Dipl. Ing. Alexander Marinchev)**