



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 – HYPBCIIICPB – 3817

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**

MECHANICAL FITTINGS MADE OF POLYPROPYLENE (PP- B)

under the trade name „ASTORE/FIP”

Are designed for pressure piping systems **for water supply** with product range, dimensions, operating pressure and evaluated characteristics in accordance with national requirements as per Supplement № 1 to this Certificate.

placed on the market by

ALIAxis BULGARIA EOOD

Sofia, p.k. 1532

Pancharevo district, 422 Okolovrasten Pat Str

Id No 130923806

manufactured by

F.I.P. FORMATURA INIEZIONE POLIMERI Spa Soc.Unipersonale

Via Tangoni , 26- 16030 Casarza Ligure (GE) , Italy

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

BDS ISO 17885:2016

and item 6.5 of Annex 3, item 6.5 to 2 of Order № RD-02-14-1329 from 03.12.2015, the Minister of Regional Development and Public Works, amendment and addition by Order № RD-02-14-590 from 05.07.2017

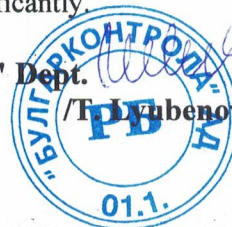
The Certificate was issued on **03/04/2023**, cancel the Certificate № **14-HYPBCIIICPB-3577** from **30/07/2021**. and remains valid until **02/04/2026** provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia

Date: 03/04/2023

Director of "Conformity Assessment" Dept.

/T. Lyubenova/





1. Product range and dimensions

Nr.	Product range	Dimension (d) , mm	PN (bar)
1	2	3	4
1.	Coupling	16 – 63	PN16
		75 – 110	PN10
2.	Reducer coupling	20/16 – 63/50	PN16
		75/50 – 110/90	PN10
3.	Male adaptor	16/ 3/8" – 63/2 1/2"	PN16
		75/ 2" – 110/4"	PN10
4.	Female adaptor	16/ 3/8" – 63/2"	PN16
		d75/ 2" – 110/4"	PN10
5.	Plug	16 – 63	PN16
		75 – 110	PN10
6.	Elbow	16 – 63	PN16
		75 – 110	PN10
7.	Elbow 45°	16 – 63	PN16
		75 - 110	PN10
8.	Elbow male threaded	16/ 1/2" – 63/2 1/2"	PN16
		75/ 2 1/2" – 110/4"	PN10
9.	Elbow female threaded	16/ 3/8" – 63/2 1/2"	PN16
		75/ 2 1/2" – 110/4"	PN10
10.	Tee	16 – 63	PN16
		75 – 110	PN10
11.	Reducing tee	25/20 – 63/50	PN16
		75/63-110/90	PN10
12.	Tee male threaded	16/ 1/2"/16 – 63/2 1/2"/63	PN16
		75/ 2 1/2"/75 - 110/4"/110	PN10

Place: Sofia
Date: 03/04/2023

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Annex № 1
to Certificate of Conformity № 14- HYPBCПCПБ-3817

1	2	3	4
13.	Tee female threaded	16/ 3/8"/16 – 63/2 1/2"/63	PN16
		75/ 2"/75 - 110/4"/110	PN10
14.	Flange Adaptor	63/2"	PN16
		75/2 1/2 " – 110/4"	PN10
15.	Clamp Saddle	20/1/2" – 160/4"	PN10/16
		180/11/2" – 200/4"	PN 6/10
		225/11/4" – 315/4"	PN 4
16.	Nipples	3/8"÷ 4"	PN 10/16
17.	Reductive nipples	1/2"÷ 4"	PN 10/16
18.	Nuts	1/2"÷ 4"	PN 10/16
19.	Reductive nuts	1/2"÷ 4"	PN 10/16
20.	Threaded tees	1/2"÷ 4"	PN 10/16
21.	Threaded elbows	1/2"÷ 4"	PN 10/16
22.	Nipple knees	1/2"÷ 4"	PN 10/16
23.	Caps	1/2"÷ 4"	PN 10/16
24.	Reducers male thread	1/2"÷ 4"	PN 10/16
25.	Reducers female thread	1/2"÷ 4"	PN 10/16

2. Evaluated characteristics in accordance with national requirements

Characteristics	Requirement to declare / border level
Geometrical characteristics, mm	According to item tabl.A1 BDS ISO 17855:2016
Leak tightness under internal pressure, (20 °C/1 h)	No leaks and punctures more 1h According to item 9.3.3.1, tabe.8 of BDS ISO 17885:2016
Resistance to internal hydrostatic pressure (20 °C/1000 h)	No leaks and punctures more 1000h According to item 9.3.3.2, table9 of BDS ISO 17885:2016
Melt mass - flow rate (MFR), g/10min 230 °C/ 2,16 kg/10min	± 30 % between MFR the raw material and the fitting According to Anex D, table D1 of BDS ISO 17885:2016

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