



BULGARKONTROLA S.A.

**CARGO & DAMAGE SURVEYS, LABORATORY ANALYSES,
CONFORMITY ASSESSMENT & TECHNICAL INSPECTIONS,
MANAGEMENT SYSTEMS, ORGANIC CERTIFICATION**

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CERTIFICATE OF CONFORMITY

14 – НУРВСПРСБ – 3363

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**

FITTINGS MADE OF POLYPROPYLENE (PP-R, PP-RCT) *trade mark "B-R"*

Are designed for construction of building installations for hot and cold water for drinking water supply, with product range, operating pressure, dimensions and evaluated characteristics in accordance with national requirements as per Supplement № 1 to this Certificate.

placed on the market by
BÄNNINGER KUNSTSTOFF – PRODUKTE GmbH
Bänninger Strasse 1, 35447 Reiskirchen, Germany

manufactured by
BÄNNINGER KUNSTSTOFF – PRODUKTE GmbH
Bänninger Strasse 1, 35447 Reiskirchen, Germany

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


BDS EN ISO 15874-3:2013

BDS EN ISO 15874-3:2013/NA:2015

*and item 17 of Annex 2 to item 2 of Order № 02-14-1329 from 03.12.201,
of the Minister of Regional Development and Public Works*

The Certificate was issued on **23/03/2020**, cancel the Certificate **14-НУРВСПРСБ-2438** on **12.06.2017** and remains valid for three years until **22/03/2023**, the 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: 23/03/2020

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

BULGARKONTROLA S.A. – Sofia with identification number 14 of register Ministry of Regional Development and Public Works
Permit № ПОСП-14 on 15.09.2016, issued by Ministry of Regional Development and Public Works

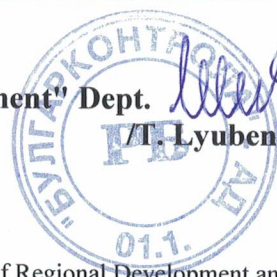


1. Product range and dimensions

Product range	Dimensions , dn (mm)
Fittings designed to be connected through polyfusion welding	
Bend 90°	16 ÷ 40
Elbow 90°	16 ÷ 250
Elbow 45°	16 ÷ 250
Tee 90°	16 ÷ 250
Reducing tee 90°	20-16-20 ÷ 225-110-225
Tee 45°	32 ÷ 63
Cross	32 ÷ 63
Reducer	20-16 ÷ 250-160
Distributor pipe with 4 sockets	25-16x4 ÷ 40-25x4
Socket	16 ÷ 250
Crossover	16 ÷ 32
Cap	16 ÷ 250
Stub end	180/200/225/250
Threaded fittings	
Elbow 90° female cylindrical thread	16 –1/2" ÷ 32-1"
Elbow 90° male conical thread	16 –1/2" ÷ 32-1"
Tee 90° c female cylindrical thread	16 –1/2" ÷ 32-1"
Tee 90° male conical thread	16 –1/2" ÷ 32-1"
Adaptor socket male conical thread	16 –1/2" ÷ 125-5"
Adaptor socket female cylindrical thread	16 –1/2" ÷ 125-5"
Adaptor socket double threaded	16 –1/2" -3/4" ÷ 20 –1/2" -3/4"
Elbow 90° double threaded	16 –1/2" -3/4" ÷ 20 –1/2" -3/4"
Bracket elbow	16 –1/2" ÷ 32 –3/4"
Union	16 ÷ 90
Subassembly	20 –1/2"
Fixtures and accessories	
Valves	20 ÷ 75
Backing flanges / PN 10 bar	50 ÷ 250
Flange adaptor	50 ÷ 250
Wall inlet plug with gasket	1/2" ÷ 3/4"
Flat gasket	16 ÷ 90
Welding saddle	40 ÷ 110

Place: Sofia
Date: 23/03/2020

Director of "Conformity Assessment" Dept. *[Signature]*
/T. Lyubenova/





Supplement № 1
to Certificate of Conformity № 14– HYPBCПCРБ-3363

2. Evaluated characteristics in accordance with national requirements

Characteristics	Requirement to declare / border level
Appearance	Smooth and clean surface without pores, According item 5.1. of BDS EN ISO 15874-3:2013 BDS EN ISO 15874-2:2013/ NA:2015
Colour	green, grey
Geometrical characteristics, mm	Group 1: dn 16÷dn 63 mm; Group 2: dn 63÷dn 225 mm According item 6.2, tabl.3,4 of BDS EN ISO 15874-3:2013 BDS EN ISO 15874-3:2013/ NA:2015
Hydrostatic strength, (20 °C/1 h , 95 °C/165 h)	no leaks and punctures over 1h/165 h According item 4, tabl.1 of BDS EN ISO 15874-3:2013 BDS EN ISO 15874-3:2013/ NA:2015
Melt mass - flow rate (MFR), g/10min 230 °C/ 2,16 kg/10min	± 30 % between MFR the raw material and the pipe According item 8, of BDS EN ISO 15874-3:2013 BDS EN ISO 15874-3:2013/ NA:2015

Place: Sofia
Date: 23/03/2020

Director of "Conformity Assessment" Dept.

[Signature]
/T. Lyubenova/

