



# BULGARKONTROLA

**BULGARKONTROLA SA -Sofia**

*Conformity Assessment Body for Construction Products*

*With identification number 14 and Permit № ПССП-14 on 15.09.2016*

*Issued by Ministry of Regional Development and Public Works*

## CERTIFICATE OF CONFORMITY 14 – НУРВСИРСБ – 3792

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**

### PPHM „Konti Kan PPHM” Pipes and Fittings made of Polypropylene

Are designed for non-pressure underground drainage and sewerage with structured –wall piping system with smooth internal and profiled external surface type “B”, with dimensions, ring stiffness and evaluated characteristics in accordance with national requirements as per Supplement № 1 to this Certificate.

place on the market by  
**KONTI HIDROPLAST DOOEL**  
ul. Industriska b.b. 1480 Gevgelia  
Republic of North Macedonia

manufactured by  
**KONTI HIDROPLAST DOOEL**  
ul. Industriska b.b. 1480 Gevgelia  
Republic of North Macedonia

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

**BDS EN EN 13476-3:2018+A1:2020**

**BDS EN EN 13476-3:2018+A1:2020/NA:2021**

*and item 12 of Annex 2 to item 2 of Order № 02-14-1329 from 03.12.2015  
of the Minister of Regional Development and Public Works*

The Certificate was issued on **02.03.2023**, cancel the Certificate № **14-НУРВСИРСБ-3347** from **06/03/2020** and remains valid for three years to **01/03/2026**, provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control has not been changed significantly.

Place: Sofia  
Date: 02/03/2023

Director of "Conformity Assessment" Dept.



**Lyubanova/**

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FC/CPNR -7-3.9/02



## 1. Products range, nominal dimension, and stiffness

### 1.1. PPHM „Konti Kan PPHM” pipes

Nominal dimension , DN-OD	Nominal dimension, DN-ID	Stiffness* SN (kN/m <sup>2</sup> )
110÷1000	100÷1200	SN 4/SN 8/SN16

\* Note: Upon customer request, they can also be produced with SN 10 and SN12

### 1.2. PPHM „Konti Kan PPHM” fittings

Products range	DN-OD	DN-ID	Products range	DN-OD	DN-ID
<b>Y- Branch</b>	110 ÷1000	200 ÷1200	<b>Y - Branch reducer</b>	125 x110÷1000x800	250x200÷1200x1000
<b>Elbow</b> 11°/15°/22°/30°/45°/60°/90°	110 ÷1000	200 ÷1200	<b>Reducir</b>	125 x110÷1000x800	250x200÷1200x1000
<b>Tee</b>	110 ÷1000	200 ÷1200	<b>Tee-reducir</b>	125 x110÷1000x800	250x200÷1200x1000
<b>Socket</b>	110 ÷1000	200 ÷1200	<b>Reducir</b>	DN -ID 200 x OD 200	-
<b>Fleks Adapter</b>	110 ÷200	-	<b>End cap</b>	110 ÷1000	100 ÷1200

## 2. Evaluated characteristics in accordance with national requirements

Характеристика	Изискване за деклариране/ гранично ниво
Appearance	Smooth and clean surface without pores, According to item 6 of BDS EN 13476-1:2008
Color	Pipes: External layer : black; Internal layer: turkgreen Fittings: External and internal layer-black According to item 6 of BDS EN 13476-1:2008
Geometrical characteristics, mm - mean external diameter, $d_{em,min}$ - mean inside diameter, $d_{im,min}$	DN-OD 110÷1000; DN-ID 100÷1200 According to item 7.2, tabl. 5, tabl. 6 and tabl. 7 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Oven test of pipes – test temperature 150° C	Without delimitation, cracking and bubbles. According to item. 8.2.1., tabl. 10 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Effect of heating of fittings test temperature 150° C	The depth of cracks, delimitation, or blisters ≤ 20% of the wall thickness According to item. 8.2.2., tabl. 11 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Impact resistance (0° C) of pipes	TIR ≤ 10 % without crashed According to item 9.1.1, tabl. 14 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Impact resistance (-10° C) of pipes	H 50 > 1000 mm - without crashed under 500 mm According to Annex H, tabl H.1 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Ring stiffness SN, kN/m <sup>2</sup>	≥ declared value for SN According to item 9.1.1, tabl. 14 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Ring flexibility, kN	without damage, min. 30 % of $d_{em}$ According to item 9.1.1, tabl. 14 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Water tightness of fabricated fittings made more than one piece	No leakage during the test According to item 10, tabl. 17 of BDS EN 13476-3:2018+A1:2020 BDS EN 13476-3:2018+A1:2020/NA:2021
Leaktightness of systems with elastomeric seating rings	No leakage during the test According to item 10, tabl. 17 of BDS EN 13476-3:2018+A1:2020

Place: Sofia

Date: 02/03/2023

Director of "Conformity Assessment Dept.

/T. Lyubenova/

