



BULGARKONTROLA S.A.

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

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CERTIFICATE OF CONFORMITY

14 – НУРВСПСРБ – 3394

Issued pursuant to Art. 14, 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**

PVC(U) pipes and fittings

**made of Unplasticized poly (vinil chloride) compact structured –wall piping system ,
with smooth internal and external surface, colour orange and grey**
are designed for „UD” piping systems for non-pressure underground drainage and sewerage
with product range, dimensions, ring stiffness and evaluated characteristics
in accordance with national requirements as per Supplement № 1 to this Certificate.

place on the market by

PEŠTA N d.o.o.

1300 Kaplara 189, 34301 Bucovik , Serbia

manufactured by

PEŠTA N d.o.o.

1300 Kaplara 189, 34301 Bucovik , Serbia

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

BDS EN БДС EN 1401-1:2009

BDS EN БДС EN 1401-1:2009/NA:2015

*and item 3 of Annex 2 to item 2 of Order № 02-14-1329 from 03.12.2015
of the Minister of Regional Development and Public Works*

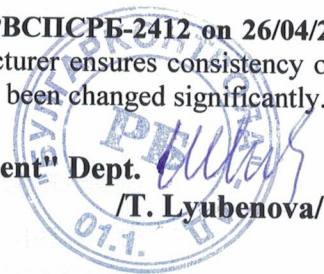
The certificate was issued on **27/04/2020** cancel the Certificate № 14-НУРВСПСРБ-2412 on **26/04/2017** and remains valid for three years until **26/04/2023**, the provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia

Date: 27/04/2020

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 № ПОССТ-14 on 15.09.2016 , issued by Ministry of Regional Development and Public Works



1. Nominal dimension and stiffness of pipes

Nominal dimension DN/OD	Stiffness SN (kN/m ²)
110, 125, 160, 200, 250, 315, 400, 500, 630	SN4
110, 125, 160, 200, 250, 315, 400, 500, 630	SN8

2. Product range and nominal dimension of fittings

2.1. Socket DN/ Nominal dimension mm	2.2. Double socket DN/ Nominal dimension mm
110	110
125	125
160	160
200	200
250	250
315	315
400	400
500	500

2.3. Reducer DN/D1 Nominal dimension mm
110/200
110/250
110/315
110/400
125/200
125/250
125/315
125/400
160/250
160/315
160/400
200/315
200/400
250/400
315/400
400/500

Place: Sofia
Date: 27/04/2020

Director of "Conformity Assessment" Dept.

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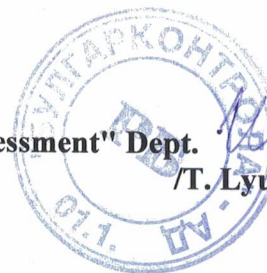


2.4. Branch (Tee)	
Разклонител 45°	Разклонител 87,50°
DN/D1, mm	DN/D1, mm
110/110	110/110
125/110	125/110
125/125	125/125
160/110	160/110
160/125	160/125
160/160	160/160
200/110	200/110
200/125	200/125
200/160	200/160
200/200	200/200
250/110	250/110
250/125	250/125
250/160	250/160
250/200	250/200
250/250	250/250
315/110	315/110
315/125	315/125
315/160	315/160
315/200	315/200
315/250	315/250
315/315	315/315
400/110	400/110
400/125	400/125
400/160	400/160
400/200	400/200
400/250	400/250
400/315	400/315
400/400	400/400
500/110	500/110
500/125	500/125
500/160	500/160
500/200	500/200
500/250	500/250
500/315	500/315
500/400	500/400
500/500	500/500

Place: Sofia
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2.5. End cap	2.6. Branch eccentrics
DN/ Nominal dimension mm, mm	DN/ Nominal dimension mm
160	125/110
200	160/110
250	160/125
315	200/110
400	200/160
500	250/200
	315/250

2.7. Bend	
DN/ Nominal dimension mm	Branch in degrees (°)
110	15°
110	30°
110	45°
110	87,5°
125	15°
125	30°
125	45°
125	87,5°
160	15°
160	30°
160	45°
160	87,5°
200	15°
200	30°
200	45°
250	15°
250	30°
250	45°
250	87,5°
315	15°
315	30°
315	45°
315	87,5°
400	15°
400	30°
400	45°
400	87,5°
500	15°
500	30°
500	45°
500	87,5°

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3. Evaluated characteristics in accordance with national requirements

Characteristics	Requirement to declare / border level
Pipes	
Appearance	Smooth and clean surface without pores, According BDS EN 1401-1-1:2009
Colour	External and internal layer : orange or grey
Geometrical characteristics, mm	DN/OD 110÷630; According item.6.2, tabl. 3, 4 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Determination of Vicat softening temperature (VCT), °C	>79 °C for "UD" pipes According item 8.1,tabl.12 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Longitudinal reversion,%	≤ 5% According item 8.1,табл.12 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Resistance to dichloromethane at a specified temperature	No attack under surface According item 8.1,tabl.12 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Impact resistance (round the clock),%	TIR ≤10 % According item 7.1,tabl.9 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Stiffness SN, kN/m ²	For SDR 51- SN ≥2; for SDR 41- SN ≥4 ; for SDR 34- SN ≥8 According item B3 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Fittings	
Appearance	Smooth and clean surface without pores, According BDS EN 1401-1-1:2009
Colour	External and internal layer : orange or grey
Geometrical characteristics, mm	DN/OD 110÷500; According item 6.3, tabl. 5,6 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Determination of Vicat softening temperature (VCT), °C	>77 °C for UD fittings According item 8.2.,tabl. 13 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Effect of heating, test temperature 150 °C	Without part of the weld line shell open more than 20% of the thickness of the wall According item 8.2.,tabl. 13 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015
Piping system	
Water tightness	Without leakage, test pressure 0,5 bar, duration 10 min. According item 8.2.,tabl. 14 BDS EN 1401-1:2009, BDS EN 1401-1:2009/NA:2015

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