



# 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 – НУРВСИПРБ – 4001**

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)** *trademark "+GF+"*

Are designed for construction of building installations for hot and cold 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

**GEORG FISCHER HAKAN PLASTIC A.S.**

**Organize Sanayi Bölgesi Gaziosmanpaşa Mah.3 Cad. No 11-13 ,59500 Çerkezköy TEKİRDAĞ - Turkey**

manufactured by **GEORG FISCHER HAKAN PLASTIC A.S.**

**Organize Sanayi Bölgesi Gaziosmanpaşa Mah.3 Cad. No 11-13 ,59500 Çerkezköy TEKİRDAĞ - Turkey**

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

**БДС EN ISO 15874–3:2013**

**БДС EN ISO 15874–3:2013/A1:2018**

**БДС EN ISO 15874–3:2013/NA:2024**

*and item 17 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 **14/06/2024**, cancel the Certificate **14-НУРВСИПРБ-3565** from **22/06/2021** and remains valid for three years until **13/06/2027**, 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: 14/06/2024**

**Director of "Conformity Assessment" Dept.**

**/T. Lyubenova/**

FC/CPNR -7-3.9/02

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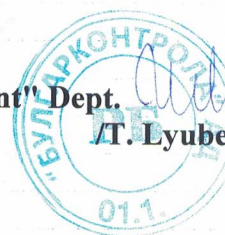
**1. Product range, dimensions and connection**

Product range	Dimension, d mm
<b>Polyfusion welding fittings</b>	
Socket	20 ÷ 110
Elbow 90°	20 ÷ 110
Elbow 45°	20 ÷ 63
Elbow 90° tailed	20 ÷ 25
Reducing elbow	20/25; 25/32
Cross	20 ÷ 40
Reducing cross	25x20x25 ÷ 32x25x32, 40x32x40
Tee	20 ÷ 110
Reducing tee	25x20x20 ÷ 63x50x63
Crossover with socket- short	20 ÷ 25
Blind Cap	20 ÷ 25
Reducer	25/20 ÷ 110/90
Transition piece	20 ÷ 90
Omega compensator	20 ÷ 40
Crossover with socket	20 ÷ 32
End Cap	20 ÷ 110
<b>Metal-threaded fittings</b>	
Elbow 90° Female	20 x 1/2" ÷ 32 x 1"
Elbow 90° Male	20 x 1/2" ÷ 32 x 1"
Backplate Elbow Female	20 x 1/2" ÷ 32 x 1"
Backplate Elbow Male	20 x 1/2" ÷ 32 x 1"
Backplate Elbow -double	25x 1/2"
Transition piece Male hexagonal	32 ÷ 110
Transition piece Female hexagonal	32 ÷ 110
Transition piece Male round	20 ÷ 32
Transition piece Female round	20 ÷ 32
Female Tee	20 x 1/2" ÷ 32 x 1"
Male Tee	20 x 1/2"
Transition with loose nut	20x 1/2" ÷ 32 x 1"
Coupling screw- Female hexagonal	20x 1/2" ÷ 63x2"
Coupling screw- Male hexagonal	20x 1/2" ÷ 63x2"

Place: Sofia  
Date: 14/06/2024

Director of "Conformity Assessment" Dept.

/T. Lyubanova/





## 2. Evaluated characteristics in accordance with national requirements

Characteristics	Requirement to declare / border level
Appearance	Smooth and clean surface without pores, According to item 5.1. of BDS EN ISO 15874-3:2013 BDS EN ISO 15874-3:2013/ NA:2024
Color	White, grey, green
Geometrical characteristics, mm	Group 1: $16 \leq dn \leq 63$ mm; Group 2: $63 < dn \leq 160$ mm Group 3: $dn > 160$ mm According to item tabl.3,4 and 5 BDS EN ISO 15874-3:2013, BDS EN ISO 15874-3:2013/A1:2018 BDS EN ISO 15874:3:2013/ NA:2024
Hydrostatic strength, (20 °C/1 h , 95 °C/165 h)	no leaks and punctures more 1 h and 165h According to item 4, table 1 BDS EN ISO 15874- 3:2013 BDS EN ISO 15874- 3:2013/ NA:2024
Melt mass - flow rate (MFR), g/10min 230 °C/ 2,16 kg/10min	± 30 % between MFR the raw material and the pipe According to item 8 BDS EN ISO 15874-3:2013 BDS EN ISO 15874-3:2013/ NA:2024

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