



BULGARKONTROLA S.A.

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

Head office: 42, Parchevich Str., 1000 Sofia, Bulgaria
Emergency mobile +359 889 400 400, Tel. +359 2 989 4070, Fax: +359 2 988 2354, 980 5133
E-mail: sales@bulgarkontrola.bg, cert@bulgarkontrola.bg

CERTIFICATE OF CONFORMITY

14 – НУРВСНУРВ – 3126

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 RANDOM (PP-R) “+GF+HAKAN” with colour white, grey, green

Are designed for construction of building installations for hot and cold water for drinking water supply, with working pressure 10/16/20/25 bar, product range, 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

BDS EN ISO 15874-3:2013

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

*and Annex 2, item 17 to item 2 of Order № 02-14-1329 from 12.03.2015,
the Minister of Regional Development and Public Works*

The certificate was issued for the first time on **21/05/2018** and remains valid for three years to **20/05/2021**, 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: 21/05/2018

Executive Director:

/ V. Baldzhiev /

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. Product range, dimensions and connection

Product range	Dimension, d mm
Polyfusion welding fittings	
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
Metal-threaded fittings	
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"
Accessories	
Ball Valve	20 ÷ 90
Check Valve	20 ÷ 90
Clamp- single	25 ÷ 110

Place: Sofia
Date: 21/05/2018

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Annex № 1
to Certificate of Conformity № 14– HYPBCПCРБ-3126

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 15874-3:2013/ NA:2015
Color	white grey, green
Geometrical characteristics, mm	Group 1/2/3/4 According item tabl.3,4 of BDS EN ISO 15874-3:2013 BDS EN ISO 15874- 3:2013/ NA:2015
Hydrostatic strength, (95 °C/165 h)	no leaks and punctures more 165h According 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, tabl.11 of BDS EN ISO 15874-3:2013 BDS EN ISO 15874-3:2013/ NA:2015

Place: Sofia
Date: 21/05/2018

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