



**Strojirenský zkušební ústav, s.p.**  
**(Engineering Test Institute, Public Enterprise), Authorized Body 202**  
**Hudcova 56b, Brno, Czech Republic**

Authorization Decision No. 27/2006 of 2006-08-29

# PRODUCT CERTIFICATE

No.: AO 202/C5/2011/Reg. No.: **B-30-00391-11**

In compliance with the provisions of Art. 5, Par. 2 of Government Regulation 163/2002 Coll., laying down technical requirements for selected construction products, as amended, the Authorized Body hereby confirms that for the following construction products:

Copper soldering pipe fittings RYW Endfeed

Type designation: see Page 2 to 4

Manufacturer: Pegler Yorkshire Group Limited  
St. Catherines Avenue, DN4 8D Doncaster, South Yorkshire  
Great Britain

Place of manufacture: YORKSHIRE Fittings Gyártó Kft.  
Maglódi út 16., H-1106 Budapest  
Hungary

It has reviewed the background materials submitted by the manufacturer, conducted the initial product type testing on the sample, assessed the production control system and ascertained that the products specified above fulfil the essential requirements of Government Regulation 163/2002 Coll., as amended. For assessing conformity, the Authorized Body used the following normative documents:

ČSN EN 1254-1:2000, ČSN EN 1254-4:2000 and Ministry of Health Decree No. 409/2005 Coll.

The Authorized Body ascertained that the production control system complies with the corresponding technical documentation pursuant to Art. 5, Par. 1, Clause d), and ensures that the products placed on the market fulfil the requirements specified by the determined technical standards and technical regulations specified above and correspond with the technical documentation pursuant to Art. 4, Par 3.

An integral part of the present Certificate is Final Report No. 30-11131 of 2011-06-30, which contains the conclusions drawn from the inspections and verifications, as well as the test results and basic description necessary for the identification of the certified products.

The present Certificate remains valid for a period in which the requirements specified by determined standards and technical regulations to which reference is made, or the production conditions at the manufacture's place or production control system remain unchanged to a greater extent.

At least once every 12 months, the Authorized Body will check the due functioning of production control system at the manufacture's place, take product samples at the manufacture's place, test these, and assess whether the product characteristics comply with the determined standards and technical regulations pursuant to the provisions of Art. 5, Par. 4 of the above-mentioned Government Regulation.

Should the Authorize Body identify any defects, it shall be authorized to cancel or modify the present Certificate.

In Brno, date: 2011-06-30



  
Jirí Rozsíval  
Deputy Director

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**Product specification:**

Material of press pipe fitting: copper CW024A (Cu-DHP)

Press pipe fittings combined with threaded connection: alloy of copper CW617N (CuZn40Pb2).

**Intended use:**

- for uncovered domestic and commercial installations inside or outside the buildings, determined for water distribution assembling (including water intended for human consumption), heating water, compressed air and other non-aggressive fluids, distributed through copper pipes with a maximum operating pressure of 16 bar (1.6 MPa - for diameters from 6 mm to 54 mm) and 10 bar (1.0 MPa - for diameters over 54 mm to 108 mm inclusive) and at an operating temperature from -40 °C to 30 °C; at operating temperatures above 30 °C to 110 °C, the operating pressure is then reduced to 6 bar (D from 6 mm to 54 mm), respectively to 4 bar (D over 54 mm to 108 mm inclusive). For use on distribution of fluids, the fittings with dimensions from 6 mm to 108 are determined;
- for distribution of gaseous fuels of the first, second or third class according to ČSN EN 437+A1:2009, distributed through copper pipes with a maximum operating pressure of 5 bar (0.5 MPa - for diameters up to 54 mm) and at an operating temperatures from -20 °C to 65 °C. For use on distribution of gaseous fuels, the fittings with dimensions of 6 mm to 54 mm are determined.

Threads - thread according to ČSN EN 10226-1:2005 (ČSN ISO 7-1:1996) or ČSN EN ISO 228-1:2003 according to the type of joint.

Threaded coupling nuts - thread according to ČSN EN ISO 228-1:2003, the pipe fitting includes an end for a flat gasket.

Type	Name	Dimension
<b>NS range</b>		
NS1/5270	Straight coupling	15, 22
NS6/5243	Reducer	22 x 15
NS12/5090	Elbow 90°	15, 22
NS12S/5092	Street elbow 90°	15
NS24/5130	Equal tee	15, 22
NS25/5130	Reducing tee	22x15x22
NS62/5240G	Tap connector	15x1/2"
<b>General range</b>		
N1/5270	Straight coupling	6 + 54
N11M	Adaptor coupling	1/2"x15, 3/4"x22, 1"x28
N1R/5240	Reducing coupling	8+54x6+42
N1SLIP/5270S	Slip coupling	12+54
N2/4270G	Straight female connector	10+54x3/8"+2"
N3/4243G	Straight male connector	10+54x3/8" +2"
N5	Tank connector	15x1/2", 22x3/4", 28x1"
N6/5243	Reducer	8+54x6+42
N7/4246G	Straight female adaptor	12+54x3/8"+2"
N8/4280G	Straight male adaptor	12+54x1/2"+2"
N9	Adaptor	1/2"x15, 3/4"x22
N11	Union coupling	15, 22, 28, 35, 42, 54
N12/5090	Elbow 90°	6+54
N12R/5090	Reducing elbow 90°	18x15, 22x15, 22x18
N12S/5092	Street elbow 90°	8+54
N13/4092G	Male elbow 90° with male thread	12+54X3/8"+2"
N14/4090G	Female elbow 90°with female thread	10+54x3/8"+2"
N15	Backplate elbow 90°, 3 hole	15x1/2", 22x3/4"





Type	Name	Dimension
N15F/4471G	Backplate elbow 90°, 3 hole	10+28x3/8"+1"
N15FE/4471F	Backplate extended elbow	15x1/2"
N16/4472G	Backplate elbow 90°, 2 hole	12+22x3/8"+3/4"
N17	Flanged bend	22x3/4"
N17FC	Overflow bend	22x3/4"
N18/5002A	Bend 90°	6+54
N18S/5001A	Street bend	8+54
N20/5060	Return bend	12+54
N21/5041	Bend 45°	10+54
N21S/5040	Street elbow 45°	8+54
N22/5086	Partial crossover	12+22
N23/5085	Full crossover	12+22
N24/5130	Equal tee	6+54
N25/5130	Tee reduced branch	8+54x6+42x8+54
N26/5130	Tee, one end reduced	12+54x12+54x10+42
N27/5130	Tee, one end and branch reduced	12+54x10+42x10+42
N28/5130	Tee, both ends reduced	6+35x8+42x6+35
N29	Female tee	15x15x1/2", 22x22x3/4"
N29R	Female tee	22x22x1/2", 28x28x1/2"
N30	Female tee	15x1/2"x15, 22x3/4"x22, 28x1"x28
N30R/4130G	Female tee	15+54x3/8"+1/2"x15+54
4130G	Female tee	12+18x3/8"x3/4"x12+18
N37/5131	Sweep tee 90°	15, 18, 22, 28
N50/5180	Cross	15, 18, 22, 28, 35
N61/5301	Stop end	8+54
N62	Straight tap connector	12+22x1/2"x3/4"
N63	Bent Tap connector	15+22x1/2"+3/4"
N63L	Long bent tap connector	15x1/2"
N64	Bent union adaptor	15x3/4", 22x1", 28x1 1/4"
N65	Bent male union connector	15+54x1/2"+2"
4096G	Female union elbow 90°with conical seal	15+54x1/2"x2"
4098G	Male union elbow 90°with conical seal	15+42x1/2"+1 1/2"
N68	Straight union adaptor, cone joint	15+28x3/4"+1 1/4"
N68CL	Straight union adaptor, spigot and washer joint	15x3/4"
N68FF	Flat faced union adaptor	22x3/4"
N69	Straight male union connector	15+54x1/2"+2"
4330	Straight union connector with flat seal	15+54
4330G	Female union connector with flat seal	15+54x1/2"+2"
4331G	Male union connector with flat seal	12+54x3/8"+2"
4340	Straight union connector, cone joint	12+54
4340G	Female union connector, cone joint	15+54x1/2"+2"
4341G	Male union connector, cone joint	12+54x3/8"+2"
4359	Half union with flat seal	15+28x3/4"1 1/4"



Type	Name	Dimension
<b>Endbrazo large size fittings</b>		
N1/5270	Straight coupling	Short socket: 67, 76, 108 Long socket: 64, 76, 89, 108
5240	Reduced coupling long socket	64+76x42+64
N3/4243G	Straight male connector	Short socket: 76x3", 108x4" Long socket: 64x2 1/2", 67x2 1/2", 76x2 1/2"
N6/5243	Reducer	Short socket: 67+108x28+76 Long socket: 64+108x35+76
N9	Adaptor	3"x76, 4"x108
N12	Elbow	67
N18/5002A	Slow bend	Short socket: 76, 108 Long socket: 64, 76, 89, 108
5001A	Slow street bend long socket	64, 76, 89, 108
N21/5041	Obtuse elbow 45°	Short socket: 64, 76, 108 Long socket: 67, 76, 89, 108
5040	Obtuse street elbow 45° long socket	64
N24/5130	Equal tee	Short socket: 64, 76, 108 Long socket: 67, 76, 89, 108
N25/5130	Tee, reduced branch	Short socket: 67+108x28+76x67+108 Long socket: 64+108x35+76x64+108
N61/5301	Stop end	Short socket: 67, 76, 108 Long socket: 76, 108
N69P	Straight male union connector	67x2 1/2"

