



Strojirenský zkušební ústav, s.p.
(Engineering Test Institute, Public Enterprise), Authorized Body 202
Hudcova 424/56b, 621 00 Brno, Czech Republic
Authorization Decision 27/2006 of 2006-08-29

DECISION

on the validity period extension of
Construction Technical Certificate

STO-30-00426-11-rev. 1

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

Products: XPress press-fit fittings

Type designation: see Pages 2 to 7
Versions: see Pages 2 to 7

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

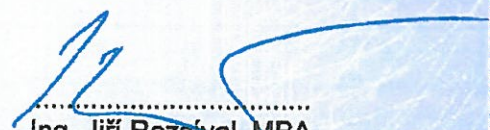
In accordance with the provisions of Section 10 of Act 22/1997 Coll., on technical requirements for products and on amendment to certain Acts, as amended, the abovementioned Authorized Body has verified Construction Technical Certificate STO-30-00426-11-rev. 1, issued on 2011-09-26. Whereas the data of the physical properties of the said products, their level and the ascertainment procedures with regard to essential requirements of Government 163/2002 Coll., as amended, have not changed, its validity is hereby extended until **2017-09-30**.

The rules for using the Decision are specified on Page 7.

This Decision shall become effective on 2014-10-01.

Brno, 2014-07-01




Ing. Jiří Rozsival, MBA
Deputy Director

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Strojirenský zkušební ústav, s.p., Hudcova 56b, 621 00 Brno, Česká republika
Engineering Test Institute, public enterprise Hudcova 56b, 621 00 Brno, Czech Republic

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Specification of types and versions:

XPress Copper press-fit fittings with pressed joints are made of CW024A (Cu-DHP) copper. Press-fit fittings combined with threaded joints are made of CW617N (CuZn40Pb2) copper alloy.

Application: Domestic and commercial not directly buried installations inside or outside of buildings, for assembling of distribution systems transporting water (including potable water pursuant to Decree 409/2005 Coll.), heating water, pressure air and other non-corrosive fluids in copper pipes, at maximum operating pressure of 16 bar (1.6 MP) and operating temperatures from -24 °C to 110 °C. Fitting sizes from 12 mm up to 108 mm are intended for distribution of fluids.

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

Cap nut threads as per ČSN EN ISO 228-1:2003; fitting ends for flat seals.

Specification of versions:

Type	Description	Size
LBP press-fit fittings for jointing copper tube		
S1/7270	Straight coupling	12+108
S1/7270S Slip	Straight coupling slip pattern	15+108
S1R/7240	Straight reducing coupling	15+54x12+42
S2/6270G	Straight female connector	12+64x3/8"+2 1/2"
S3/6243G	Straight male connector	12+108x3/8"-4"
S6/7243	Reducer	15+108x12+89
S7/6246G	Female adaptor	15+54x1/2"+2"
S8/6280G	Male adaptor	15+42x1/2"+1 1/2"
S11/6330	Union coupling	15+54
S12/7002A	Elbow	12+108
S12S/7001A	Street elbow	12+108
S13/6092G	Male elbow	12+54x3/8"+2"
S14/6090G	Female elbow	12+54x3/8"+2"
S15/6472G	Backplate elbow	12+22x1/2"+3/4"
S15L/6472L	Backplate elbow	15x1/2"
S19/7005	90°bend	15+28
S21/7041	Obtuse elbow	12+108
S21S/7040	Obtuse street elbow	12+108
S22/7086	Partial crossover	15, 18, 22
S22S/7087	Street crossover	15, 18, 22
S23/7085	Full crossover	15, 18, 22
S24/7130	Equal tee	12+108
S25/7130	Tee, reduced branch	15+108x12+76x15+108
S26/7130	Tee, one end reduced	15+35x15+35x12+28
S27/7130	Tee, one end and branch reduced	15+54x12+42x12+42
S28/7130	Tee, both ends reduced	12+28x15+35x12+28
S30/6130G	Female branch tee	12+108x1/2"+3/4"x12+108
S32/6130G	Female branch tee with multi ports	67+108x1/2"+3/4"

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Type	Description	Size
S60/S302	Stop end	35, 42, 54
S61/7301	Stop end	12+108
S65F/6096G	Straight female union elbow connector	12+54x1/2"+2"
S68FF/6359	Union	15+42x3/4"+1 3/4"
S69/6331G	Straight male union connector	12+54x3/8"+2"
S69F/6330G	Straight female union connector	12+54x1/2"+2"
Chromium plated press-fit fittings for jointing chromium plated copper tube		
S1CP/7270CP	Straight coupling	12+22
S1SCP/7270SCP	Slip Straight reducing coupling	15
S1RCP/7240SCP	Straight reducing coupling	15x12, 22x15
S2CP/6270GCP	Straight female connector	12+15x3/8"+1/2"
S3CP/6243GCP	Straight male connector	12+15x3/8"+1/2"
S6CP/7243	Reducer	15+22x12+15
S8CP/6280GCP	Male adaptor	15x1/2"
S12CP/7002ACP	Elbow	12, 15, 22
S12SCP/7001ACP	Street elbow	12, 15, 22
S13CP/6092GCP	Male elbow	12x1/2", 15x1/2"
S14CP/6090GCP	Female elbow	12x3/8", 15x1/2"
S15CP/6472GCP	Backplate elbow	12x1/2", 15x1/2"
S21CP/7041CP	Obtuse elbow	12, 15
S21SCP/7040CP	Obtuse street elbow	12, 15
S22CP/7086CP	Partial crossover	15
S23CP/7085CP	Full crossover	15
S24CP/7130CP	Equal tee	12, 15, 22
S25CP/7130CP	Tee, reduced branch	15x12x15, 22x15x22
S26CP/7130CP	Tee, one end reduced	15x15x12
S27CP/7130CP	tee, one end and branch reduced	15x12x12
S30CP/6130GCP	Female branch tee	15x1/2"x15
S61CP/7301CP	Stop end	15
S68FFCP/6359CP	Union	15x3/4"





XPress Copper Gas press-fit fittings with pressed joints are made of CW024A (Cu-DHP) copper. Press-fit fittings combined with threaded joints are made of CW617N (CuZn40Pb2) copper alloy.

Application: Domestic and commercial not directly buried installations inside or outside of buildings, for assembling of distribution systems transporting gases of the first, second and third family specified in ČSN EN 437+A1:2009 in copper pipes, at maximum operating pressure of 5 bar and operating temperature from -20 °C to 70 °C. Fitting sizes from 15 mm up to 54 mm are intended for distribution of gaseous fuels.

Nominal diameter of the fitting end = outside diameter of the joined pipe, in mm: 15, 18, 22, 28, 35, 42, and 54.

Thread sizes in inches: ½, ¾, 1, 1¼, 1½, 2. Threads as per ČSN EN 10226-1:2005 (ČSN ISO 7-1:1996) or ČSN EN ISO 228-1:2003, according to the joint type.

Cap nut thread sizes in inches: ¾, 1¼, 1½. Threads as per ČSN EN ISO 228-1:2003, fitting ends for flat seals.

Specification of versions:

Copper press-fit fittings for gas services		
SG1/G7270	Straight coupling	15+54
SG1S/G7270SG Slip	Straight coupling slip pattern	15+54
SG2/G6270G	Straight female connector	15+54x1/2"+2"
SG3/G6243G	Straight male connector	15+54x1/2"+2"
SG6/G7243	Reducer	18+54x15+42
SG11/G6330	Union coupling	15+54
SG12/G7002A	Elbow	15+54
SG12S/G7001A	Street elbow	15+54
SG13/G6092G	Male elbow	15+54x1/2"+2"
SG14/G6090G	Female elbow	15+54x1/2"+2"
SG15/G6471G	Backplate elbow	15+22x1/2"-3/4"
SG21/G7041	Obtuse elbow	15+54
SG21S/G7040	Obtuse street elbow	15+54
SG22/G7086	Street crossover	15, 18, 22
SG22S/G7087	Full crossover	15, 18, 22
SG23/G7085	Crossover	15, 18, 22
SG24/G7130	Equal tee	15+54
SG25	Tee, reduced branch	18+54x15+42x18+54
SG26/G7130	Tee, one end reduced	22x22x15
SG27/G7130	Tee, one end and branch reduced	22x15x15
SG30/G6130G	Female branch tee	15+54x1/2"+3/4"x15+54
SG61/G7301	Stop end	15+54
SG68FF/G6360	Union	15x7/8", 22x1 1/8", 28x1 3/8"



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XPress Stainless press-fit fittings with pressed and threaded joints are made of AISI 316-DIN 1.4401 stainless steel.

Application: Domestic and commercial not directly buried installations inside or outside of buildings, for assembling of distribution systems transporting water (including potable water pursuant to Decree 409/2005 Coll.), heating water, pressure air and other non-corrosive fluids in steel pipes, at maximum operating pressure of 16 bar (1.6 MPa) and operating temperature from -20 °C to 110 °C. Fitting sizes from 15 mm up to 108 mm are intended for distribution of fluids.

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

Cap nut threads as per ČSN EN ISO 228-1:2003, fitting ends for flat seals.

Specification of versions:

Type	Description	Size
LBP 316 stainless steel press-fit jointing system		
SS1	Straight coupling	15+108
SS1S	Slip	15+108
SS2	Straight female connector	15+54x1/2"+2"
SS3	Straight male connector	15+54x1/2"+2"
SS6	Reducer	18+108x15+89
SS12	Elbow	15+108
SS12S	Street elbow	15+108
SS13	Male elbow	15+54x1/2"+2"
SS14	Female elbow	15+35x1/2"÷1 1/4"
SS19S	30° bend	35, 42, 54
SS21	Obtuse elbow	15+108
SS21S	Obtuse street elbow	15+108
SS24	Equal tee	15+108
SS25	Tee, reduced branch	18+108x15+89x18+108
SS30	Female branch tee	15+108x1/2"+2"x15+108
SS61	Stop end	15+108
SS69	Straight male union connector	12+54x1/2"+2"
SS69F	Straight female union connector	12+54x1/2"+2"





XPress Carbon press-fit fittings with pressed and threaded joints are made of RSt 34-2 (1.0034) carbon steel.

Application: Domestic and commercial not directly buried installations inside or outside of buildings, for assembling of distribution systems carrying water not intended for human consumption, heating water, pressure air and other non-corrosive fluids in steel pipes, at maximum operating pressure of 16 bar (1.6 MPa) and operating temperature from -20 °C to 110 °C. Fitting sizes from 15 mm up to 108 mm are intended for distribution of fluids.

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

Cap nut threads as per ČSN EN ISO 228-1:2003, fitting ends for flat seals.

Specification of versions:

Type	Description	Size
LBP 316 stainless steel press-fit jointing system		
SC1	Straight coupling	15+108
SC1S	Slip	15+108
SC2	Straight female connector	15+28x1/2"+1"
SC3	Straight male connector	15+67x3/8"+2 1/2"
SC6	Reducer	18+108x15+89
SC12	Elbow	15+108
SC12S	Street elbow	15+108
SC13	Male elbow	15+54x3/8"+2"
SC21	Obtuse elbow	15+108
SC22S	Partial crossover	15+28
SC24	Equal tee	15+108
SC25	Tee, reduced branch	18+108x15+89x18+108
SC28	Tee, both ends reduced	15x18x15, 15x22x15, 22x28x22
SC30	Female branch tee	15+108x1/2"+3/4"x15+108
SC61	Stop end	15+108
SC69	Straight male union connector	15+54x1/2"+2"
SC69F	Straight female union connector	15+54x1/2"+2"



XPress Stainless gas press-fit fittings with pressed and threaded joints are made of AISI 316-DIN 1.4401 stainless steel.

Application: Domestic and commercial not directly buried installations inside or outside of buildings, for assembling of distribution systems transporting gases of the first, second and third family specified in ČSN EN 437+A1:2009 in steel pipes, at maximum operating pressure of 5 bar and operating temperature from -20 C to 70 C. Fitting sizes from 15 mm up to 54 mm are intended for distribution of gaseous fuels.

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

Cap nut threads as per ČSN EN ISO 228-1:2003, fitting ends for flat seals.

Specification of versions:

Copper press-fit fittings for gas services		
SSG1	Straight coupling	15+54
SSG1S	Straight coupling slip pattern	15+54
SSG2	Straight female connector	15+54x1/2"+2"
SSG3	Straight male connector	15+54x1/2"+2"
SSG6	Reducer	122+54x15+42
SSG12	Elbow	15+54
SSG12S	Street elbow	15+54
SSG13	Male elbow	15+35x1/2"+1 1/4"
SSG14	Female elbow	15+35x1/2"+1 1/4"
SSG15	Backplate elbow	15+22x1/2"+3/4"
SSG21	Obtuse elbow	15+54
SSG21S	Obtuse street elbow	15+54
SSG24	Equal tee	15+54
SSG25	Tee, reduced branch	22+54x15+42x22+54
SSG30	Female branch tee	15+54x1/2"+2"x15+54
SSG61	Stop end	15+54

RULES FOR USING THE DECISION:

This Decision shall only be used in conjunction with Construction Technical Certificate STO-30-00426-11-rev.1 of 2011-09-26.

Unauthorized or deceptive use of the Decision may result in its withdrawal.

It is prohibited to change, amend or overwrite the data contained in the Decision.

This Decision may not be used for the products changed without the consent of the Engineering Test Institute, Public Enterprise, in such a way that conformity with the Construction Technical Certificate has been affected.

The Construction Technical Certificate and the Decision on its validity period extension cannot be used as documents of conformity assessment.

