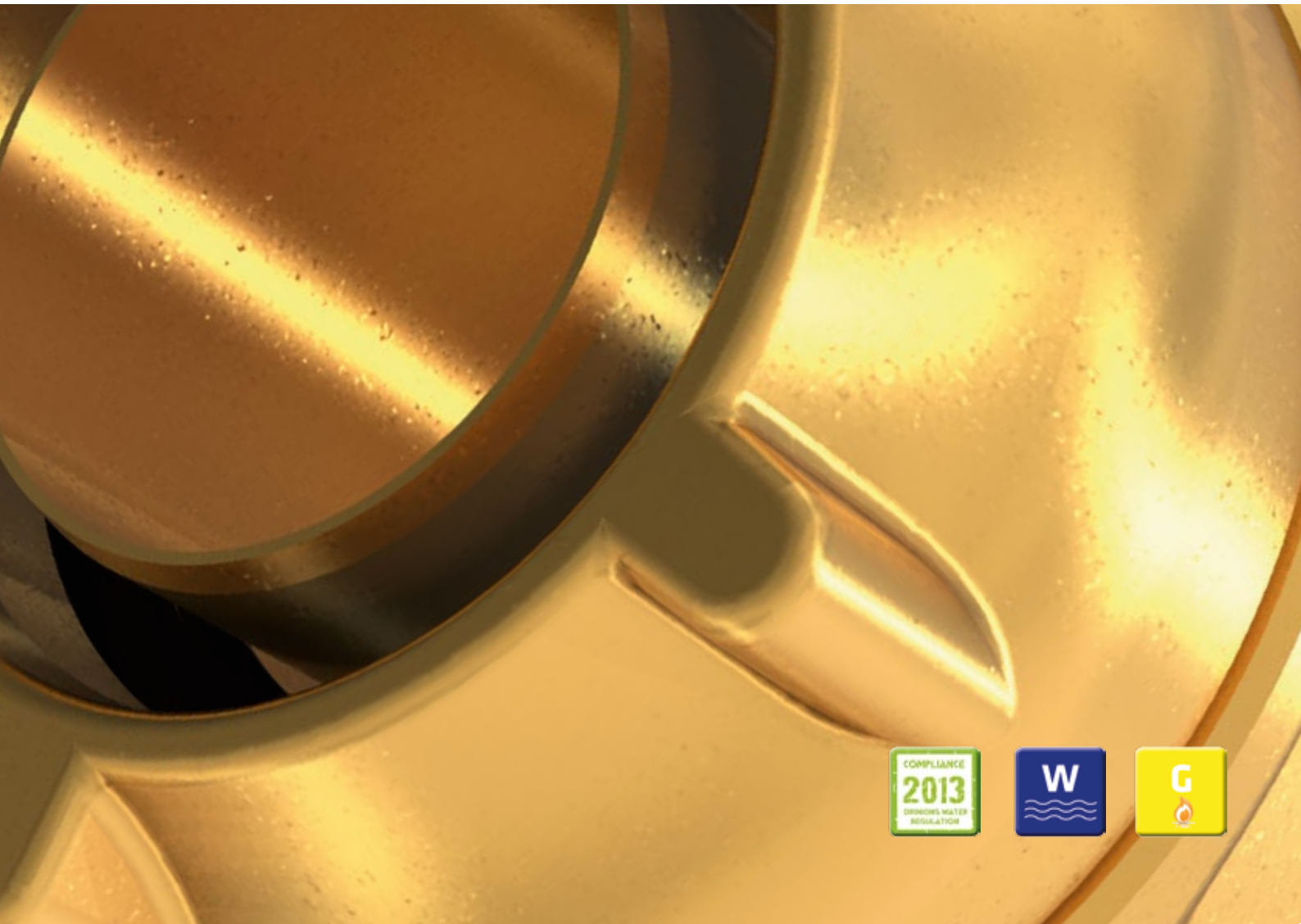
BEULCO®

Product Group **A11**

BEULCONNECT - Plug-in Connector for Plastic Pipes



made in Germany

Product Group **A11**

BEULCONNECT - the plug-in connector for plastic pipes with brass clamping claw in two versions

The specialist for water without insert pipe

Material: thermally unstressed and dezincification-resistant brass

Kind of pipes: PE, PE-Xa, PVC (with clamping ring, model 1194)

Nominal Pressure: PE 80 (PN 12,5)
PE 100 (PN 16)
PE-Xa (PN 12,5)

Dimensions: Ø 32 to Ø 63 mm

Application: buried pipe construction for cold and warm water up to 40° C, drinking water, utilisation of rainwater

Approval: DIN 8076 acc. to SDR 11 / DN 20 - DN 50 / DW-7511CL0452
ÖVGW W1.531
SVGW W/TPW 157 (04/12)
Kiwa K79284/01

The generalist for water and gas with separate insert pipe

Material: thermally unstressed and dezincification-resistant brass

Kind of pipes: PE, PE-Xa

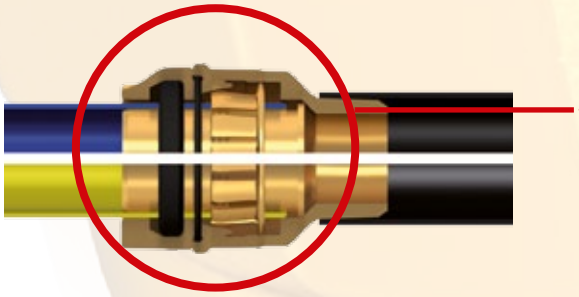
Nominal Pressure: PE 80 (PN 12,5 / PN 4*)
PE 100 (PN 16 / PN 4*),
PE-Xa (PN 12,5 / PN 4*)

Dimensions: Ø 32 to Ø 63 mm

Application: buried pipe construction for cold and warm water up to 40° C, drinking water, gas, utilisation of rainwater

Approval: DVGW VP 600 acc. to SDR 11 / DN 25 - DN 50 / DV-7501CL0351
DVGW VP 600 / DN 20 - DN 50 / DW-7511CL0452

*** At the metal side of the threaded connectors the allowed working pressure for gas is basically 4 bar.**



***smart grip** = A pressure-controlled clamping defends the pipe against wear at the connection.

BEULCONNECT - the unique plug-in connector with smart grip - technology*

This plug-in connector is constructed in such a way that it clamps the pipe by a gentle smart grip technology. The pipe is stressed only as strongly as the pressure situation requires. Premature wear due to overstressing of material and subsequent troubles can be excluded.

The **BEULCONNECT** plug-in connector keeps a lifelong density and guarantees the craftsman a trouble-free and stress-free installation for satisfied customers even in difficult situations. The sealing function of the connector is positioned right at that place where it offers highest safety.

The metallic clamping ring enables a torsion-free mounting due to its positioning.

Product Group **A11**

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The field of application of each item is marked by the following symbols:

- drinking water
- water
- gas

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CONNECTOR

with plastic pipe connection and external thread

Model 1101

standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
3/4“	25	■	■	10		339143
1“	32	■	■	10		339150
1 1/4“	40	■	■	5		339167
1 1/2“	50	■	■	5		339174
2“	63	■	■	2		339181



CONNECTOR

with plastic pipe connection and reduced external thread

Model 11011

ext. standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
1/2“	25	■	■	1		349890
3/4“	32	■	■	10		341344
1“	40	■	■	5		341375
1“	50	■	■	2		354245
1 1/4“	50	■	■	2		341405
1 1/2“	63	■	■	1		349920



CONNECTOR

with plastic pipe connection and hightened external thread

Model 11012

ext. standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
1 1/4“	32	■	■	5		354146
1 1/2“	32	■	■	5		354160
1 1/2“	40	■	■	5		354184



CONNECTOR

with plastic pipe connection and internal thread

Model 11110

standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
3/4“	25	■	■	10		342488
1“	32	■	■	10		342518
1 1/4“	40	■	■	5		342549
1 1/2“	50	■	■	2		342570
2“	63	■	■	2		342600



COUPLING

with 2 equal plastic pipe connections

Model 1105

standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
-	25	■	■	5		341184
-	32	■	■	5		340842
-	40	■	■	2		341214
-	50	■	■	2		341153
-	63	■	■	1		341245



ELBOW 90°

with plastic pipe connection and external thread

Model 1130

standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
3/4“	25	■	■	5		341511
1“	32	■	■	5		341542
11/4“	40	■	■	5		341573
11/2“	50	■	■	2		341603
2“	63	■	■	1		341634



ELBOW 90°

with plastic pipe connection and reduced external thread

Model 11300

ext. standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
1“	40	■	■	5		344475
1“	50	■	■	2		354214
11/4“	50	■	■	2		344512



ELBOW 90°

with plastic pipe connection and hightened external thread

Model 11302

ext. standard

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
11/2“	32	■	■	5		354337
11/2“	40	■	■	5		354306

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ELBOW COUPLING

with 2 equal plastic pipe connections

Model 11301

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
standard	-	25	■	■	5		343430
	-	32	■	■	5		343461
	-	40	■	■	2		343492
	-	50	■	■	2		343522
	-	63	■	■	1		343553



T-PIECE

with 3 equal plastic pipe connections

Model 1118

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
standard	-	25	■	■	5		343652
	-	32	■	■	2		343683
	-	40	■	■	1		343713
	-	50	■	■	1		343744
	-	63	■	■	1		343775



REPAIR COUPLING

with 2 equal plastic pipe connections
for bridging pipe damages

Model 1106

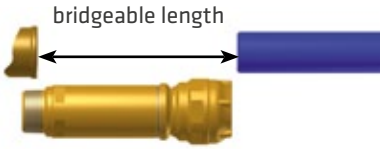


	thread	plastic pipe dimension (mm)	bridgeable length (min.-max. mm)	2013	W	pkg. unit		EAN-no. 4027848-
standard	-	25	150 - 180	■	■	1		351220
	-	32	170 - 200	■	■	1		351152
	-	40	190 - 220	■	■	1		352098
	-	50	210 - 240	■	■	1		352494
	-	63	250 - 280	■	■	1		352593



REPAIR CONNECTOR

with external thread
for bridging pipe damages



Model 1102

standard

thread	plastic pipe dimension (mm)	bridgeable length (min.-max. mm)	2013	W	pkg. unit		EAN-no. 4027848-
3/4“	25	150 - 180	■	■	1		352142
1“	32	170 - 200	■	■	1		352128
1 1/4“	40	190 - 220	■	■	1		352371
1 1/2“	50	210 - 240	■	■	1		352517
2“	63	230 - 280	■	■	1		352616



GATE VALVE

Model 11700

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
1/2“	25 x 1	■	■	1		353507



REDUCTION SET

consisting of: conical nut, clamping ring, guide ring and lip seal

Model 1155

reduction from	2013	W	pkg. unit		EAN-no. 4027848-
32 to 25 mm	■	■	1		350278
40 to 32 mm	■	■	1		350285
50 to 40 mm	■	■	1		350292
63 to 50 mm	■	■	1		350308

made in Germany



CONNECTOR

with plastic pipe connection and external thread, with insert pipe

Model G1101

standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
3/4“	25 x 2,3	■	■	■	1		352692
1“	32 x 2,9	■	■	■	2		343232
11/4“	40 x 3,7	■	■	■	2		343249
11/2“	50 x 4,6	■	■	■	2		343256
2“	63 x 5,8	■	■	■	2		343263



CONNECTOR

with plastic pipe connection and reduced external thread, with insert pipe

Model G11011

ext. standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
3/4“	32 x 2,9	■	■	■	10		343317
1“	40 x 3,7	■	■	■	5		343324
11/4“	50 x 4,6	■	■	■	5		343331



CONNECTOR

with plastic pipe connection and internal thread, with insert pipe

Model G11110

standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
3/4“	25 x 2,3	■	■	■	1		352708
1“	32 x 2,9	■	■	■	5		343829
11/4“	40 x 3,7	■	■	■	5		343836
11/2“	50 x 4,6	■	■	■	2		343843
2“	63 x 5,8	■	■	■	2		343850



COUPLING

with 2 equal plastic pipe connections

Model G1105

standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
-	25 x 2,3	■	■	■	1		352715
-	32 x 2,9	■	■	■	2		343270
-	40 x 3,7	■	■	■	2		343287
-	50 x 4,6	■	■	■	2		343294
-	63 x 5,8	■	■	■	1		343300



ELBOW 90°

with plastic pipe connection and external thread, with insert pipe

Model G1130

standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
3/4“	25 x 2,3	■	■	■	1		352722
1“	32 x 2,9	■	■	■	5		343348
1 1/4“	40 x 3,7	■	■	■	5		343355
1 1/2“	50 x 4,6	■	■	■	2		343362
2“	63 x 5,8	■	■	■	1		343379



ELBOW 90°

with plastic pipe connection and reduced external thread, with insert pipe

Model G11300

ext. standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
1“	40 x 3,7	■	■	■	5		344482
1 1/4“	50 x 4,6	■	■	■	2		344529



ELBOW COUPLING

with 2 equal plastic pipe connections, with insert pipe

Model G11301

standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
-	25 x 2,3	■	■	■	1		352739
-	32 x 2,9	■	■	■	5		343560
-	40 x 3,7	■	■	■	2		343577
-	50 x 4,6	■	■	■	2		343584
-	63 x 5,8	■	■	■	1		343591



T-PIECE

with 3 equal plastic pipe connections, with insert pipe

Model G1118

standard

thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
-	25 x 2,3	■	■	■	1		352746
-	32 x 2,9	■	■	■	2		343782
-	40 x 3,7	■	■	■	1		343799
-	50 x 4,6	■	■	■	1		343805
-	63 x 5,8	■	■	■	1		343812

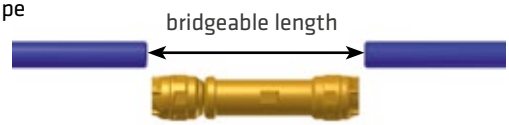
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REPAIR COUPLING

with 2 equal plastic pipe connections, with insert pipe
for bridging pipe damages

Model G1106



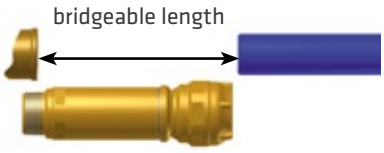
	thread	plastic pipe dimension (mm)	bridgeable length (min.-max. mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
standard	-	25 x 2,3	150 - 180	■	■	■	1		355075
	-	32 x 2,9	170 - 200	■	■	■	1		355082
	-	40 x 3,7	190 - 220	■	■	■	1		355105
	-	50 x 4,6	210 - 240	■	■	■	1		355112
	-	63 x 5,8	250 - 280	■	■	■	1		355129



REPAIR CONNECTOR

with external thread, with insert pipe
for bridging pipe damages

Model G1102



	thread	plastic pipe dimension (mm)	bridgeable length (min.-max. mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
standard	3/4“	25 x 2,3	150 - 180	■	■	■	1		355143
	1“	32 x 2,9	170 - 200	■	■	■	1		355150
	1 1/4“	40 x 3,7	190 - 220	■	■	■	1		355174
	1 1/2“	50 x 4,6	210 - 240	■	■	■	1		355181
	2“	63 x 5,8	230 - 280	■	■	■	1		355198



CONNECTOR

for pression tapping valve
with quick connection for plastic pipe and pipe external thread G 2 A, with insert pipe

Model G11500

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
special dimension	2“	32 x 2.9	■	■	■	1		344949
	2“	40 x 3,7	■	■	■	1		344987
	1 1/2“	40 x 3,7	■	■	■	1		346608



ELBOW ADAPTER

for tapping valve, freely turnable with plug-in connection
with insert pipe, union nut Tr 63 x 5

Model G11600

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN-no. 4027848-
special dimension	2“	32 x 2.9	■	■	■	1		345168
	2“	40 x 3,7	■	■	■	1		345199



CLAMPING RING

for PE pipes

Model 1191

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
-	25	■	■	1		338900
-	32	■	■	1		338917
-	40	■	■	1		338924
-	50	■	■	1		338931
-	63	■	■	1		338948



CLAMPING RING

for PVC pipes

Model 1194

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
-	25	■	■	1		354085
-	32	■	■	1		354092
-	40	■	■	1		354108
-	50	■	■	1		354115
-	63	■	■	1		354122



LOCKING PLUG

Model 1154

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN-no. 4027848-
-	25	■	■	1		354030
-	32	■	■	1		354047
-	40	■	■	1		354054
-	50	■	■	1		354061
-	63	■	■	1		354078

made in Germany

A 11



SILICONE LUBRICANT „BERUSIL“

Model 8870

	pkg. unit		EAN-no. 4027848-
50 ml dosing bottle	1		202225



SEALING BAND „LOCTITE 55“

Not hardening thread sealing to seal conical/cylindrical threads up to 6“.
Reversing the thread is possible.
Temperature stability up to 130° C.
DVGW registration no. DV-5142AU0166.
Recommendation of KTW is available.

Model 9998

	pkg. unit		EAN-no. 4027848-
150 m per roll	1		218318

Assembly Instructions



for the generalist
in the field of water and gas

1. Cut the plastic pipe at a right angle and chamfer it up to the inner diameter, e.g. by BEULCO chamfering tool (model 8880, see accessories page 78 product group A1-A3).
2. Mark the plug-in depth on the pipe.
3. Push the insert pipe into the pipe.
4. Put the components together up to the marking.



for the specialist
in the field of water

1. Cut the plastic pipe at a right angle and chamfer it up to the inner diameter, e.g. by BEULCO chamfering tool (model 8880, see accessories page 78 product group A1-A3). Deburr if necessary.
2. Mark the plug-in depth on the pipe.
3. Put the components together up to the marking.



The insertions depth of the pipe is made visible by a marking on the fitting body.

This facilitates the work and avoids assembly errors.

Note:
Corrosion protection acc. to DIN 50929 is necessary on site in the field of buried pipelining.

Approvals:

The specialist for water without insert pipe

Approval: DIN 8076 acc. to SDR 11 / DN 20 - DN 50 / DW-7511CL0452
ÖVGW W1.531
SVGW W/TPW 157 (04/12)
Kiwa K79284/01

The specialist for water and gas with separate insert pipe

Approval: DVGW VP 600 acc. to SDR 11 / DN 25 - DN 50 / DV-7501CL0351
DVGW VP 600 / DN 20 - DN 50 / DW-7511CL0452

Please find the currently valid certificates on our website www.beulco.de.



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