BEULCO®

Product Group **A2**

Brass Fittings for Plastic Pipes with separate insert pipe



made in Germany

Product Group **A2**

Brass fittings for plastic pipes (series 77) with plastic clamping ring and separate insert pipe

Material:	thermally unstressed and dezincification resistant brass
Type of pipe:	PE
Nominal pressure:	PN 10
Dimensions:	Ø 16 to Ø 75 mm
Application:	cold and warm water up to 40° C
Approval:	DIN 8076-1 / DN 12 - DN 63 / DIN-DVGW NW-7511AS2292
	SVGW W/TPW 157 / DN 16 - DN 75 / SVGW 0203 - K 253
	BRL-K 625/01 / Kiwa K 6106/02



Characteristics

Your advantages

uniform base body for the same pipe dimension	>	efficient dealing of the variations
separate insert pipe, adjusted to the wall thickness of the pipe	>	no deformation inwardly
no application of elastomers	>	long life guaranteed
roughened external thread	>	time-saving sealing

Product Group **A2**

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

- drinking water
- water

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Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

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CONNECTOR

with plastic pipe connection and external thread

Model 7701

standard SDR 11

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	20 x 1,9/2	■	■	5		114481
3/4“	25 x 2,3	■	■	5		114535
1“	32 x 2,9/3	■	■	5		114580
1 1/4“	40 x 3,6/3,7	■	■	5		114665
1 1/2“	50 x 4,5/4,6	■	■	2		114740
2“	63 x 5,7/5,8	■	■	2		114825
2 1/2“	75 x 6,8/6,9	■	■	1		114887

standard SDR 7,4

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	20 x 2,8	■	■	5		114504
3/4“	25 x 3,5	■	■	5		114559
1 1/4“	40 x 5,5	■	■	5		114689
1 1/2“	50 x 6,9	■	■	2		114764

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	20 x 2,2	■	■	5		114498
3/4“	25 x 2	■	■	5		114528
3/4“	25 x 2,7	■	■	5		114542
3/4“	25 x 4,2	■	■	5		114566
1“	32 x 2	■	■	5		114573
1“	32 x 3,5	■	■	5		114603
1“	32 x 5,4	■	■	5		114634
1 1/4“	40 x 2,3	■	■	5		114641
1 1/4“	40 x 4,3	■	■	5		114672
1 1/4“	40 x 6,7	■	■	5		114719
1 1/2“	50 x 2,9	■	■	2		114726
1 1/2“	50 x 5,4	■	■	2		114757
1 1/2“	50 x 8,4	■	■	2		114795
2“	63 x 3,6	■	■	2		114801
2“	63 x 6,8	■	■	2		114832
2“	63 x 10,5	■	■	2		114863
2 1/2“	75 x 4,3	■	■	1		114870
2 1/2“	75 x 8,1	■	■	1		114900



CONNECTOR

with plastic pipe connection and reduced external thread

Model 77011

ext. standard SDR 11

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	25 x 2,3	■	■	5		115006
3/4“	32 x 2,9/3	■	■	5		115051
1“	40 x 3,6/3,7	■	■	5		115136
1 1/4“	50 x 4,5/4,6	■	■	2		115211
1 1/2“	63 x 5,7/5,8	■	■	2		115297
2“	75 x 6,8/6,9	■	■	1		115358

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	25 x 2	■	■	5		114993
1/2“	25 x 2,7	■	■	5		115013
3/4“	32 x 2	■	■	5		115044
3/4“	32 x 3,5	■	■	5		115075
1“	40 x 2,3	■	■	5		115112
1“	40 x 4,3	■	■	5		115143
1“	40 x 5,7/5,8	■	■	5		115174
1“	40 x 6,7	■	■	5		115181
1 1/4“	50 x 2,9	■	■	2		115198
1 1/4“	50 x 5,4	■	■	2		115228
1 1/4“	50 x 8,4	■	■	2		115266
1 1/2“	63 x 3,6	■	■	2		115273
1 1/2“	63 x 6,8	■	■	2		115297
2“	75 x 12,5	■	■	1		115402

Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

made in Germany

A 2 DRINKING WATER

WATER



CONNECTOR

with plastic pipe dimension and hightened external thread

Model 77012

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard SDR 11	3/4“	20 x 1,9/2	■	■	5		115426
	1“	25 x 2,3	■	■	5		115471
	1 1/4“	32 x 2,9/3	■	■	5		115525
	1 1/2“	40 x 3,6/3,7	■	■	5		115600
	2“	50 x 4,5/4,6	■	■	2		115686
	2 1/2“	63 x 5,7/5,8	■	■	2		115761
	3“	75 x 6,8/6,9	■	■	1		115822
ext. standard SDR 7,4	2“	50 x 6,9	■	■	2		115709
special dimension	1/2“	16 x 1,6/1,8	■	■	5		150021
	1“	25 x 2,7	■	■	5		115488
	1 1/4“	32 x 3,5	■	■	5		115549
	1 1/2“	40 x 4,3	■	■	5		115617
	1 1/2“	40 x 6,7	■	■	5		115655
	2“	50 x 2,9	■	■	2		115662
	2“	50 x 5,4	■	■	2		155693



CONNECTOR

with plastic pipe connection and internal thread

Model 77110

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard SDR 11	1/2“	20 x 1,9/2	■	■	5		115891
	3/4“	25 x 2,3	■	■	5		115945
	1“	32 x 2,9/3	■	■	5		115990
	1 1/4“	40 x 3,6/3,7	■	■	5		116072
	1 1/2“	50 x 4,5/4,6	■	■	5		116157
	2“	63 x 5,7/5,8	■	■	2		116232
	2 1/2“	75 x 6,8/6,9	■	■	2		116294



CONNECTOR

with plastic pipe connection and internal thread

Model 77110

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	20 x 2,2	■	■	5		115907
3/4“	25 x 2	■	■	5		115938
3/4“	25 x 2,7	■	■	5		115952
1“	32 x 2	■	■	5		115983
1“	32 x 3,5	■	■	5		116010
1“	32 x 5,4	■	■	5		116041
1 1/4“	40 x 2,3	■	■	5		116058
1 1/4“	40 x 4,3	■	■	5		116089
1 1/2“	50 x 2,9	■	■	2		116133
1 1/2“	50 x 5,4	■	■	5		116164
2“	63 x 3,6	■	■	2		116218
2“	63 x 6,8	■	■	2		116249
2“	63 x 10,5	■	■	2		116270
2 1/2“	75 x 4,3	■	■	2		116287
2 1/2“	75 x 8,1	■	■	2		116317
2 1/2“	75 x 12,5	■	■	2		116348



CONNECTOR

with plastic pipe connection and reduced internal thread

Model 77111

ext. standard SDR 11

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	25 x 2,3	■	■	5		116416
3/4“	32 x 2,9/3	■	■	5		116461
1“	40 x 3,6/3,7	■	■	5		116546
1 1/4“	50 x 4,5/4,6	■	■	2		116621
1 1/2“	63 x 5,7/5,8	■	■	2		116706
2“	75 x 6,8/6,9	■	■	1		116768

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	25 x 2	■	■	5		116409
3/4“	32 x 2	■	■	5		116454
3/4“	32 x 3,5	■	■	5		116485
1“	40 x 2,3	■	■	5		116522
1“	40 x 4,3	■	■	5		116553
1 1/4“	50 x 5,4	■	■	2		116638
1 1/2“	63 x 3,6	■	■	2		116683
1 1/2“	63 x 6,8	■	■	2		116713

Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

made in Germany

A 2 DRINKING WATER

WATER



CONNECTOR

with plastic pipe dimension and hightened internal thread

Model 77112

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard SDR 11	3/4“	20 x 1,9/2	■	■	5		116836
	1“	25 x 2,3	■	■	5		116881
	1 1/4“	32 x 2,9/3	■	■	5		116935
	1 1/2“	40 x 3,6/3,7	■	■	5		117017
	2“	50 x 4,5/4,6	■	■	2		117093
	2 1/2“	63 x 5,7/5,8	■	■	1		117178
	3“	75 x 6,8/6,9	■	■	1		117239
	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard SDR 7,4	1“	25 x 3,5	■	■	5		116904
	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
special dimension	1/2“	16 x 1,6/1,8	■	■	5		150052
	3/4“	20 x 2,2	■	■	5		116843
	1“	25 x 2	■	■	5		116874
	1“	25 x 2,7	■	■	5		116898
	1 1/4“	32 x 3,5	■	■	5		116959
	1 1/2“	40 x 4,3	■	■	5		117024
	2“	50 x 2,9	■	■	2		117079
	2“	50 x 5,4	■	■	2		117109
	2 1/2“	63 x 6,8	■	■	1		117185
	2 1/2“	63 x 10,5	■	■	1		117215



CONNECTOR

with plastic pipe dimension and internal soldering end

Model 78110

	thread	copper pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
special dimension	25 x 2	22	■	■	5		191949
	32 x 3,5	28	■	■	5		193677
	40 x 4,3	35	■	■	5		193684



CONNECTOR

with plastic pipe dimension and hightened internal soldering end

Model 78112

special dimension

thread	copper pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
16 x 1,8	15	■	■	5		193691



COUPLING

with 2 equal plastic pipe connections

Model 7705

standard SDR 11

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	20 x 1,9/2	■	■	5		117307
-	25 x 2,3	■	■	5		117352
-	32 x 2,9/3	■	■	5		117406
-	40 x 3,6/3,7	■	■	5		117482
-	50 x 4,5/4,6	■	■	2		117567
-	63 x 5,7/5,8	■	■	2		117642
-	75 x 6,8/6,9	■	■	1		117703

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	16 x 1,6/1,8	■	■	5		150069
-	20 x 2,2	■	■	5		117314
-	25 x 2	■	■	5		117345
-	25 x 2,7	■	■	5		117369
-	32 x 2	■	■	5		117390
-	32 x 3,5	■	■	5		117420
-	32 x 5,4	■	■	5		117451
-	40 x 2,3	■	■	5		117468
-	40 x 4,3	■	■	5		117499
-	40 x 6,7	■	■	5		117536
-	50 x 2,9	■	■	2		117543
-	50 x 5,4	■	■	2		117574
-	50 x 8,4	■	■	2		117611
-	63 x 3,6	■	■	2		117628
-	63 x 6,8	■	■	2		117659
-	75 x 4,3	■	■	1		117697

Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

made in Germany



COUPLING

with 2 plastic pipe connections, one reduction

Model 77050

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard SDR 11	-	32 x 2,9/3 - 25 x 2,3	■	■	5		117857
	-	40 x 3,6/3,7 - 32 x 2,9/3	■	■	2		117932
	-	50 x 4,5/4,6 - 40 x 3,6/3,7	■	■	2		118014
	-	75 x 6,8/6,9 - 63 x 5,7/5,8	■	■	1		118151
special dimension	-	25 x 2,7 - 20 x 2,2	■	■	5		117819
	-	40 x 2,3 - 32 x 2	■	■	2		117918
	-	50 x 5,4 - 40 x 4,3	■	■	2		118021
	-	63 x 6,8 - 50 x 5,4	■	■	1		118106
	-	63 x 10,5 - 50 x 8,4	■	■	1		118137
	-	75 x 4,3 - 63 x 3,6	■	■	1		118144



ELBOW 90°

with plastic pipe connection and external thread

Model 7730

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard SDR 11	1/2“	20 x 1,9/2	■	■	5		118694
	3/4“	25 x 2,3	■	■	5		118748
	1“	32 x 2,9/3	■	■	5		118793
	1 1/4“	40 x 3,6/3,7	■	■	5		118878
	1 1/2“	50 x 4,5/4,6	■	■	2		118953
	2“	63 x 5,7/5,8	■	■	2		119035
	2 1/2“	75 x 6,8/6,9	■	■	1		119097
special dimension	1/2“	20 x 2,2	■	■	5		118700
	3/4“	25 x 2	■	■	5		118731
	3/4“	25 x 2,7	■	■	5		118755
	1“	32 x 2	■	■	5		118786
	1“	32 x 3,5	■	■	5		118816
	1“	32 x 5,4	■	■	5		118847
	1 1/4“	40 x 2,3	■	■	5		118854
	1 1/4“	40 x 4,3	■	■	5		118885
	1 1/4“	40 x 6,7	■	■	5		118922
	1 1/2“	50 x 2,9	■	■	5		118939
	1 1/2“	50 x 5,4	■	■	2		118960
	2“	63 x 3,6	■	■	2		119011
	2“	63 x 6,8	■	■	2		119042



ELBOW 90°

with plastic pipe connection and internal thread

Model 77310

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard SDR 11	1/2“	20 x 1,9/2	■	■	5		120109
	3/4“	25 x 2,3	■	■	5		120154
	1“	32 x 2,9/3	■	■	5		120208
	1 1/4“	40 x 3,6/3,7	■	■	2		120284
	1 1/2“	50 x 4,5/4,6	■	■	2		120369
	2“	63 x 5,7/5,8	■	■	2		120444

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
special dimension	1“	32 x 5,4	■	■	5		120253



ELBOW 90°

with plastic pipe connection and reduced external thread

Model 77300

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard SDR 11	1/2“	25 x 2,3	■	■	5		119219
	3/4“	32 x 2,9/3	■	■	5		119264
	1“	40 x 3,6/3,7	■	■	5		119349
	1 1/4“	50 x 4,5/4,6	■	■	2		119424
	1 1/2“	63 x 5,7/5,8	■	■	2		119509
	2“	75 x 6,8/6,9	■	■	1		119561

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
special dimension	1/2“	25 x 2	■	■	5		119202
	3/4“	32 x 2	■	■	5		119257
	3/4“	32 x 3,5	■	■	5		119288
	1“	40 x 2,3	■	■	5		119325
	1“	40 x 4,3	■	■	5		119356
	1“	40 x 6,7	■	■	5		119394
	1 1/4“	50 x 2,9	■	■	2		119400
	1 1/4“	50 x 5,4	■	■	2		119431
	1 1/4“	50x 8,4	■	■	2		119479
	1 1/2“	63 x 3,6	■	■	2		119486
	1 1/2“	63 x 6,8	■	■	2		119516

Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

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ELBOW 90°

with plastic pipe dimension and hightened external thread

Model 77302

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard SDR 11	3/4“	20 x 1,9/2	■	■	5		119639
	1“	25 x 2,3	■	■	5		119684
	1 1/4“	32 x 2,9/3	■	■	5		119738
	1 1/2“	40 x 3,6/3,7	■	■	5		119813
special dimension	1/2“	16 x 1,6/1,8	■	■	5		150106
	1 1/2“	40 x 6,7	■	■	5		119868



ELBOW COUPLING 90°

with 2 equal plastic pipe connections

Model 77301

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard SDR 11	-	20 x 1,9/2	■	■	5		118229
	-	25 x 2,3	■	■	5		118274
	-	32 x 2,9/3	■	■	5		118328
	-	40 x 3,6/3,7	■	■	5		118403
	-	50 x 4,5/4,6	■	■	2		118489
	-	63 x 5,7/5,8	■	■	2		118564
	-	75 x 6,8/6,9	■	■	1		118625
special dimension	-	16 x 1,6/1,8	■	■	5		150076
	-	25 x 2,7	■	■	5		118281
	-	32 x 2	■	■	5		118311
	-	32 x 3,5	■	■	5		118342
	-	40 x 2,3	■	■	5		118380
	-	40 x 4,3	■	■	2		118410
	-	40 x 6,7	■	■	2		118458
	-	50 x 2,9	■	■	2		118465
	-	50 x 5,4	■	■	2		118496
	-	50 x 8,4	■	■	2		118533
	-	63 x 3,6	■	■	2		118540
	-	63 x 6,8	■	■	2		118571
	-	75 x 4,3	■	■	1		118618



T-PIECE

with 3 equal plastic pipe connections

Model 7718

standard SDR 11

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	20 x 1,9/2	■	■	5		120574
-	25 x 2,3	■	■	5		120628
-	32 x 2,9/3	■	■	5		120673
-	40 x 3,6/3,7	■	■	2		120758
-	50 x 4,5/4,6	■	■	2		120833
-	63 x 5,7/5,8	■	■	1		120918
-	75 x 6,8/6,9	■	■	1		120970

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	16 x 1,6/1,8	■	■	5		150120
-	20 x 2,2	■	■	5		120581
-	25 x 2	■	■	5		120611
-	25 x 2.7	■	■	5		120635
-	32 x 2	■	■	5		120666
-	32 x 3.5	■	■	5		120697
-	32 x 5,4	■	■	5		120727
-	40 x 2,3	■	■	2		120734
-	40 x 4,3	■	■	2		120765
-	50 x 2,9	■	■	2		120819
-	50 x 5,4	■	■	2		120840



T-PIECE

with 2 equal and one reduced pipe connection

Model 7719

special dimension

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	25 x 2 - 20 x 1,9/2	■	■	5		121069
-	25 x 2,3 - 20 x 1,9/2	■	■	5		121076
-	32 x 2,9/3 - 25 x 2,3	■	■	2		121120
-	40 x 2,3 - 32 x 2	■	■	2		121182
-	63 x 10,5 - 50 x 8,4	■	■	1		121403

Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

made in Germany



T-PIECE

passage with 2 equal plastic pipe connections, outflow with external thread

Model 77180

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard SDR 11	1/2“ external	20 x 1,9/2	■	■	5		121830
	1 1/2“ external	50 x 4,5/4,6	■	■	2		121892
special dimension	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
	1 1/2“ external	50 x 2,9	■	■	2		121878
	1 1/2“ external	50 x 5,4	■	■	2		121908



T-PIECE

passage with 2 equal plastic pipe connections, outflow with internal thread

Model 77181

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard SDR 11	1 1/4“ internal	50 x 4,6/4,7	■	■	2		122028
special dimension	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
	1 1/4“ internal	50 x 2,9	■	■	2		122004
	1 1/4“ internal	50 x 5,4	■	■	2		122035



T-PIECE

passage with 2 equal plastic pipe connections, outflow with external and internal thread

Model 77182

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
special dimension	3/4“ ext. - 1/2“ int.	25 x 2	■	■	5		121489
	3/4“ ext. - 1/2“ int.	25 x 2,3	■	■	5		121496
	3/4“ ext. - 1/2“ int.	25 x 2,7	■	■	5		121502
	1“ ext. - 3/4“ int.	32 x 2	■	■	5		121533
	1“ ext. - 3/4“ int.	32 x 2,9/3	■	■	5		121540
	1“ ext. - 3/4“ int.	32 x 3,5	■	■	5		121564
	1 1/4“ ext. - 1“ int.	40 x 2,3	■	■	2		121601
	1 1/4“ ext. - 1“ int.	40 x 3,6/3,7	■	■	2		121625
	1 1/4“ ext. - 1“ int.	40 x 4,3	■	■	2		121632
	2“ ext. - 1 1/2“ int.	63 x 3,6	■	■	1		121687
	2“ ext. - 1 1/2“ int.	63 x 6,8	■	■	1		121717
	2“ ext. - 1 1/2“ int.	63 x 10,5	■	■	1		121748
	2 1/2“ ext. - 2“ int.	75 x 4,3	■	■	1		121755
	2 1/2“ ext. - 2“ int.	75 x 6,8/6,9	■	■	1		121762



CONNECTOR

with PVC pipe connection and external thread

Model 7301

special dimension

thread	PVC pipe connection (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	20	■	■	5		114009
3/4“	25	■	■	5		114016
1“	32	■	■	5		114023
1 1/2“	50	■	■	2		114047
2“	63	■	■	2		114054
2 1/2“	75	■	■	1		114061



CONNECTOR

with PVC pipe connection and reduced external thread

Model 73011

special dimension

thread	PVC pipe connection (mm)	2013	W	pkg. unit		EAN no. 4027848-
1 1/2“	63	■	■	2		114115



CONNECTOR

with PVC pipe connection and hightened external thread

Model 73012

special dimension

thread	PVC pipe connection (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	16	■	■	5		194117
3/4“	20	■	■	5		114122
1“	25	■	■	5		114139
1 1/4“	32	■	■	5		114146



CONNECTOR

with PVC pipe connection and internal thread

Model 73110

special dimension

thread	PVC pipe connection (mm)	2013	W	pkg. unit		EAN no. 4027848-
1/2“	20	■	■	5		114177
3/4“	25	■	■	5		114184
1“	32	■	■	5		114191
1 1/4“	40	■	■	5		114207
1 1/2“	50	■	■	2		114214
2“	63	■	■	1		114221

Kind of pipes: PE

Please find further types of pipes and details regarding nominal pressure on page 56.

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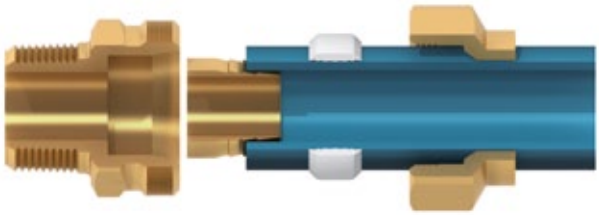
CONNECTOR

with PVC pipe connection and hightened internal thread

Model 73112

special dimension	thread	PVC pipe connection (mm)	2013	W	pkg. unit		EAN no. 4027848-
	1/2“	16	■	■	5		192342
	3/4“	20	■	■	5		114245
	1 1/4“	32	■	■	5		114269
	2“	50	■	■	2		114283

Assembly instruction:



for Connectors (series 77)

1. Cut the plastic pipe at a right angle.
2. Push forcing nut and clamping ring onto the pipe.
3. Push the insert completely into the pipe.
4. Push the plastic pipe onto the base body to the bottom of the bore.
5. Tighten forcing nut firmly.

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

Approvals:

tested acc. to: DIN 8076-1 / DN 12 - DN 63 / DIN-DVGW NW-7511AS2292
SVGW W/TPW 157 / DN 16 - DN 75 / SVGW 0203 - K 253
BRL-K 625/01 / Kiwa K 6106/02

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

The most current pipe dimensions in an overview

acc. to DIN 8074 (08.99) – flow medium water – safety factor 1.25
acc. to DIN 16893 (09.00) – flow medium water – safety factor 1.5
acc. to DIN 8072 (07.72) – PE-LD soft – pipes
PE-HD pipes are not standardised (The norm has been taken back.).

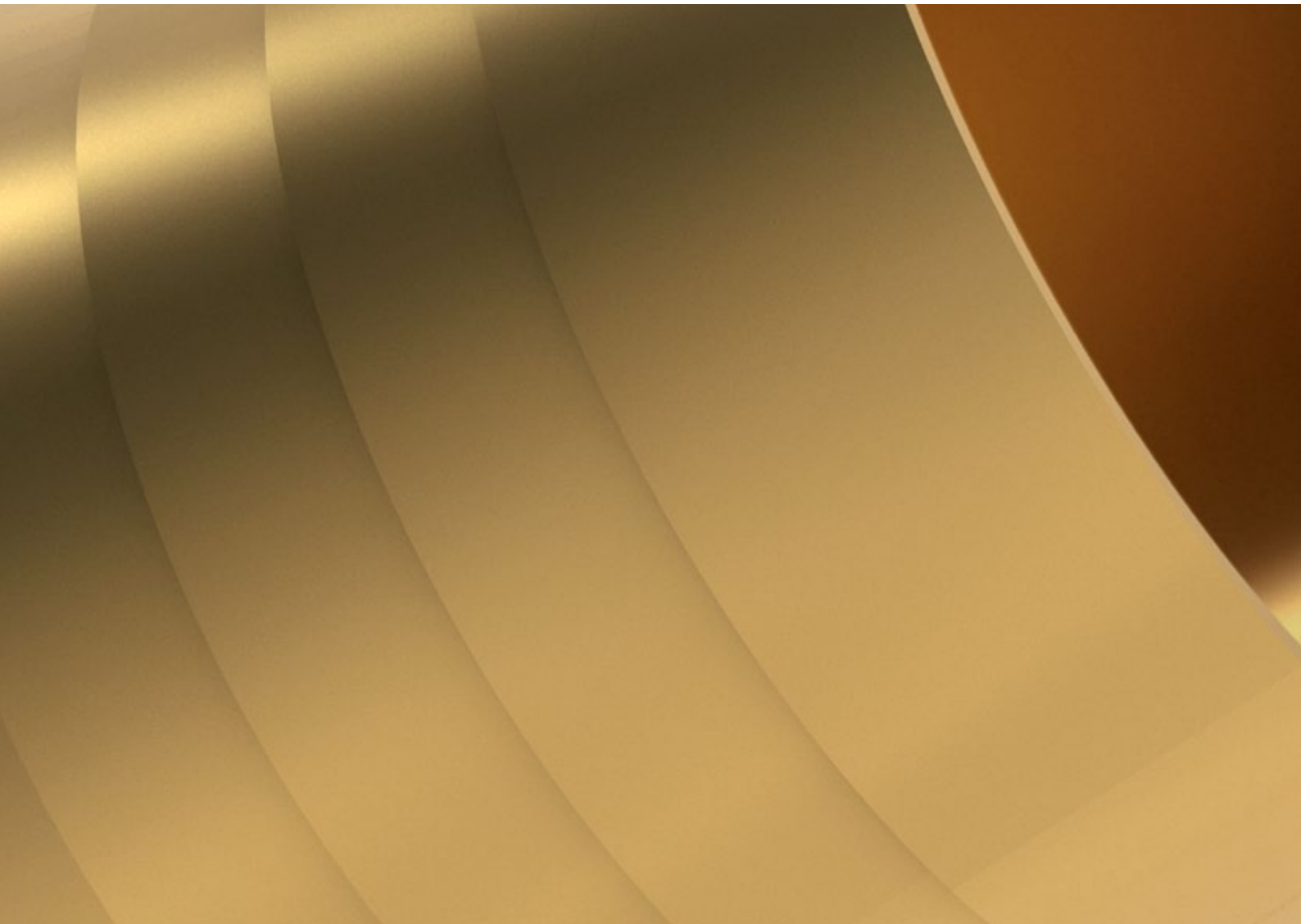
permitted operation pressure* (bar)	Type of pipe	SDR**	outer diameter x wall thickness (mm)											
			10	12	16	20	25	32	40	50	63	75	90	110
6	PE-LD (soft)		-	-	2	2,2	2,7	3,5	4,3	5,4	6,8	8,1	9,7	11,8
	PE-HD (hard)		-	-	-	1,8	1,8	1,9	2,3	2,9	3,6	4,3	5,1	6,3
10	PE-LD (soft)		2,0	2,0	2,7	3,4	4,2	5,4	6,7	8,4	10,5	12,5	15	18,4
	PE-HD (hard)		-	-	1,8	1,9	2,3	3	3,7	4,6	5,8	6,9	8,2	10
	PE 63	11	-	-	-	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
	PE 80	13,6	-	-	-	1,8	1,9	2,4	3,0	3,7	4,7	5,6	6,7	8,1
	PE 100	17	-	-	-	-	1,8	1,9	2,4	3,0	3,8	4,5	5,4	6,6
	PE- x	13,6	1,3	1,3	1,3	1,5	1,9	2,4	3,0	3,7	4,7	5,6	6,7	8,1
12,4	PE 63	9	-	-	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
12,5	PE 80	11	-	-	-	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
	PE 100	13,6	-	-	-	1,8	1,9	2,4	3,0	3,7	4,7	5,6	6,7	8,1
	PE- x	11	1,3	1,3	1,5	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
15,9	PE 63	7,4	-	1,8	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1
16	PE-HD (hard)		1,8	1,8	2,3	2,8	3,5	4,5	5,6	6,9	8,7	10,4	12,5	15,2
	PE 80	9	-	-	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
	PE 100	11	-	-	-	1,9	2,3	2,9	3,7	4,6	5,8	6,8	8,2	10
	PE- x	9	1,3	1,4	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
20	PE 80	7,4	-	1,8	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1
	PE 100	9	-	-	1,8	2,3	2,8	3,6	4,5	5,6	7,1	8,4	10,1	12,3
	PE- x	7,4	1,4	1,7	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1
25	PE 100	7,4	-	1,8	2,2	2,8	3,5	4,4	5,5	6,9	8,6	10,3	12,3	15,1

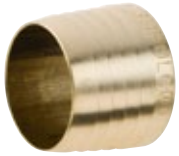
* *by 20°C and 50 years of operation*

** *Ratio of diameter / wall thickness (standard dimension ratio)*

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Accessories





INSERT PIPE

Model 7700

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	16 x 1,6/1,8	■	■	20		150151
-	16 x 2	■	■	20		122172
-	20 x 1,9/2	■	■	20		122189
-	20 x 2,1/2,2	■	■	20		122196
-	25 x 1,9/2	■	■	20		122226
-	25 x 2,2/2,3	■	■	20		122233
-	25 x 2,7	■	■	20		122240
-	32 x 1,9/2	■	■	20		122271
-	32 x 2,9/2	■	■	20		122288
-	32 x 3,5	■	■	20		122301
-	32 x 4,5/4,6	■	■	20		122325
-	32 x 5,4	■	■	20		122332
-	40 x 2,3	■	■	20		122349
-	40 x 3,6/3,7	■	■	20		122356
-	40 x 4,3	■	■	20		122370
-	40 x 5,7/5,8	■	■	20		122394
-	40 x 6,7	■	■	20		122417
-	50 x 2,9	■	■	10		122424
-	50 x 4,5/4,6	■	■	10		122431
-	50 x 5,4	■	■	10		122455
-	50 x 7,1/7,2	■	■	10		122479
-	50 x 8,4	■	■	10		122493
-	63 x 3,6	■	■	10		122509
-	63 x 5,7/5.8	■	■	10		122516
-	63 x 6,8	■	■	10		122530
-	63 x 8,7	■	■	10		122547
-	63 x 9	■	■	10		122554
-	63 x 10,5	■	■	10		122561
-	75 x 4,3	■	■	5		122578
-	75 x 6,8/6.9	■	■	5		122585
-	75 x 10,7/10,8	■	■	5		122622

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FORCING NUT

Model 7790

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	16	■	■	10		122646
-	20	■	■	10		122653
-	25	■	■	10		122660
-	32	■	■	10		122677
-	40	■	■	10		122684
-	63	■	■	5		122707



PLASTIC CLAMPING RING

Model 7791

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	20	■	■	10		122738
-	32	■	■	10		122752
-	40	■	■	10		122769
-	50	■	■	5		122776
-	63	■	■	5		122783
-	75	■	■	5		122790



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