BEULCO®

Product Group **A3**

Brass Fittings for Plastic Pipes without Insert Pipe

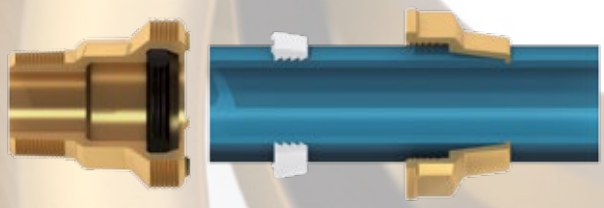


made in Germany

Product Group **A3**

Brass fittings for plastic pipes (series 88) with plastic clamping ring, without insert pipe for water, with insert pipe for gas

Material:	thermally unstressed and dezincification resistant brass
Kind of Pipes:	PE, PE-Xa, PVC (with brass clamping ring)
Nominal Pressure:	PE 80 (PN 12,5), PE 100 (PN 16), PE-Xa (PN 12,5) acc. to DIN 16893 with relation of diameter and wall thickness SDR 11
Dimensions:	Ø 16 to Ø 75 mm
Application:	cold and warm water up to 40° C
Others:	approval for gas only with gas change-over set
Approval:	DVGW VP 600 / DN 25 - DN 50 / DG-7522BQ0486 DIN 8076-1 / DN 25 - DN 50 / DIN-DVGW DW-7511BR0042 SVGW W/TPW 157 / DN 16 - DN 75 / SVGW 0203-K 253 ÖVGW PW 300 DIN 8076-1 / DN 20 - DN 50 / ÖVGW W 1.464



Characteristics:

separate sealing and clamping function	>	clear division of the functions
clamping force depends on the pressure	>	pressure loads adapt themselves
insert pipe for gas	>	permanent safety also for gas
no special tools required	>	fast, economic, space-saving

Product Group **A3**

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Pages 70 - 71: screw connector for water and gas

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

- drinking water
- water
- gas

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Kind of pipes: PE, PE-Xa and PVC

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 8801

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■	■		10		123018
	3/4“	25	■	■		10		123025
	1“	32	■	■	*	10		123032
	1 1/4“	40	■	■	*	5		123049
	1 1/2“	50	■	■	*	5		123056
	2“	63	■	■	*	2		123063
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	3/8“	16	■	■		10		123001
	2 1/2“	75	■	■		1		123070



CONNECTOR

with plastic pipe connection and reduced external thread

Model 88011

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	1/2“	25	■	■		10		123094
	3/4“	32	■	■	*	10		123100
	1“	40	■	■	*	5		123117
	1 1/4“	50	■	■	*	5		123131
	1 1/2“	63	■	■	*	2		123148
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	1“	50	■	■	*	5		123124
	2“	75	■	■		1		123155



CONNECTOR

with plastic pipe connection and hightened external thread

Model 88012

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	3/4“	20	■	■		5		123179
	1“	25	■	■		5		123186
	1 1/4“	32	■	■	*	5		123193
	1 1/2“	40	■	■	*	5		123209
	2“	50	■	■	*	2		123216
	2 1/2“	63	■	■	*	1		123223
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	1/2“	16	■	■		10		123162
	3“	75	■	■		1		123230



CONNECTOR

with plastic pipe connection and internal thread

Model 88110

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■	■		10		123254
	3/4“	25	■	■		10		123261
	1“	32	■	■	*	10		123278
	1 1/4“	40	■	■	*	5		123285
	1 1/2“	50	■	■	*	2		123292
	2“	63	■	■	*	2		123308
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	2 1/2“	75	■	■		1		123315

* with gas change-over set model 8999, page 68, it is suitable for gas usage

Kind of pipes: PE, PE-Xa and PVC

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

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CONNECTOR

with plastic pipe connection and reduced internal thread

Model 88111

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	1/2“	25	■	■		10		123339
	3/4“	32	■	■	*	5		123346
	1“	40	■	■	*	5		123353
	1 1/4“	50	■	■	*	2		123360
	1 1/2“	63	■	■	*	2		123377
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	2“	75	■	■		1		123384



CONNECTOR

with plastic pipe connection and hightened internal thread

Model 88112

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	3/4“	20	■	■		5		123407
	1“	25	■	■		5		123414
	1 1/4“	32	■	■	*	5		123421
	1 1/2“	40	■	■	*	2		123438
	2“	50	■	■	*	2		123445
	2 1/2“	63	■	■	*	1		123452
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	1/2“	16	■	■		10		123391
	3“	75	■	■		1		123469



COUPLING

with 2 equal plastic pipe connections

Model 8805

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	-	20	■	■		5		123483
	-	25	■	■		5		123490
	-	32	■	■	*	5		123506
	-	40	■	■	*	2		123513
	-	50	■	■	*	2		123520
	-	63	■	■	*	1		123537
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	-	16	■	■		10		123476
	-	75	■	■		1		123544



COUPLING

with 2 plastic pipe connections, one reduction

Model 88050

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	-	32 - 25	■	■		5		123575
	-	40 - 32	■	■	*	2		123582
	-	50 - 40	■	■	*	2		123599
	-	63 - 50	■	■	*	1		123605
	-	75 - 63	■	■		1		123612



ELBOW 90°

with plastic pipe connection and external thread

Model 8830

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■	■		5		123711
	3/4“	25	■	■		5		123728
	1“	32	■	■	*	5		123735
	1 1/4“	40	■	■	*	5		123742
	1 1/2“	50	■	■	*	2		123759
	2“	63	■	■	*	1		123766
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	2 1/2“	75	■	■		1		123773

* with gas change-over set model 8999, page 68, it is suitable for gas usage

Kind of pipes: PE, PE-Xa and PVC

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

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ELBOW 90°

with plastic pipe connection and internal thread

Model 88310

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■	■		5		123940
	3/4“	25	■	■		5		123957
	1“	32	■	■	*	5		123971
	1 1/4“	40	■	■	*	5		123988
	1 1/2“	50	■	■	*	2		123995
	2“	63	■	■	*	1		124008
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	1“	25	■	■		5		123964
	2 1/2“	75	■	■		1		124015



ELBOW 90°

with plastic pipe connection and reduced external thread

Model 88300

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	3/8“	20	■	■		5		123780
	1/2“	25	■	■		10		123797
	3/4“	32	■	■	*	5		123803
	1“	40	■	■	*	5		123810
	1 1/4“	50	■	■	*	2		123827
	1 1/2“	63	■	■	*	1		123834
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	2“	75	■	■		1		123841



ELBOW 90°

with plastic pipe connection and hightened external thread

Model 88302

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	1“	25	■	■		5		123872
	1 1/4“	32	■	■	*	5		123889
	1 1/2“	40	■	■	*	5		123896
	2“	50	■	■	*	2		123902
	2 1/2“	63	■	■	*	1		123919



ELBOW COUPLING 90°

with 2 equal plastic pipe connections

Model 88301

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	-	20	■	■		5		123636
	-	25	■	■		5		123643
	-	32	■	■	*	5		123650
	-	40	■	■	*	2		123667
	-	50	■	■	*	2		123674
	-	63	■	■	*	1		123681
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	-	75	■	■		1		123698



T-PIECE

with 3 equal plastic pipe connections

Model 8818

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	-	20	■	■		5		124039
	-	25	■	■		5		124046
	-	32	■	■	*	2		124053
	-	40	■	■	*	1		124060
	-	50	■	■	*	1		124077
	-	63	■	■	*	1		124084
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	-	75	■	■		1		124091



T-PIECE

with 2 equal and one reduced pipe connection

Model 8819

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
special dimension	-	32 - 25	■	■		2		124121
	-	40 - 32	■	■	*	2		124138
	-	50 - 40	■	■	*	1		124145

* with gas change-over set model 8999, page 68, it is suitable for gas usage

Kind of pipes: PE, PE-Xa and PVC

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

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T-PIECE

with 2 equal plastic pipe connections, outflow with external thread

Model 88180

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“ ext. thread	20	■	■		5		124213
	2“ ext. thread	63	■	■	*	1		124237
special dimension	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
	1 1/2“ ext. thread	50	■	■	*	1		124220
	2 1/2“ ext. thread	75	■	■		1		124244



T-PIECE

with 2 equal plastic pipe connections, outflow with internal thread

Model 88181

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
ext. standard	1 1/4“ int. thread	50	■	■	*	1		124268
	1 1/2“ int. thread	63	■	■	*	1		124275



T-PIECE

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

Model 88182

	thread	plastic pipe dimension (mm)	2013	W	G	pkg. unit		EAN no. 4027848-
special dimension	3/4“ ext. - 1/2“ int.	25	■	■		5		124176
	1“ ext. - 3/4“ int.	32	■	■	*	2		124183
	1 1/4“ ext. - 1“ int.	40	■	■	*	2		124190



GAS CHANGE-OVER SET

consisting of: brass insert pipe, o-ring and dismounting aid

Model 8999

	thread	plastic pipe dimension (mm)	G	pkg. unit		EAN no. 4027848-
special dimension	-	32 x 2,9	■	1		304912
	-	40 x 3,7	■	1		304929
	-	50 x 4,6	■	1		304936
	-	63 x 5,8	■	1		304943



REPAIR COUPLING

with 2 equal plastic pipe connections for bridging pipe damages up to 90 mm

Model 8806

	thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard	-	32	■	■	2		124336
	-	40	■	■	2		124343
	-	50	■	■	1		124350
	-	63	■	■	1		124367



REPAIR CONNECTOR

with external thread for bridging pipe damages

Model 8802

	thread	bridging up to (mm)	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
standard	1“	105	32	■	■	2		124374
	1 1/4“	109	40	■	■	2		124381
	1 1/2“	117	50	■	■	1		124398
	2“	122	63	■	■	1		124404



REPAIR CONNECTOR

with reduced external thread for bridging pipe damages

Model 88021

	thread	bridging up to (mm)	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard	3/4“	105	32	■	■	2		124411
	1“	109	40	■	■	2		124428
	1 1/4“	117	50	■	■	1		124435



REPAIR CONNECTOR

with hightened external thread for bridging pipe damages

Model 88022

	thread	bridging up to (mm)	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
ext. standard	1 1/4“	105	32	■	■	2		124442
	1 1/2“	109	40	■	■	2		124459

* with gas change-over set model 8999, page 68, it is suitable for gas usage

Kind of pipes: PE, PE-Xa and PE-Xc

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 8801

	thread	plastic pipe dimension (mm)	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■		10		361472
	3/4“	25	■		10		361489
	1“	32	■	*	10		361496
	11/4“	40	■	*	5		361502
	11/2“	50	■	*	5		361519
	2“	63	■	*	2		361526



CONNECTOR

with plastic pipe connection and internal thread

Model 88110

	thread	plastic pipe dimension (mm)	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■		10		361595
	3/4“	25	■		10		361601
	1“	32	■	*	10		361618
	11/4“	40	■	*	5		361625
	11/2“	50	■	*	2		361632
	2“	63	■	*	2		361649



COUPLING

with 2 equal plastic pipe connections

Model 8805

	thread	plastic pipe dimension (mm)	W	G	pkg. unit		EAN no. 4027848-
standard	-	20	■		5		361533
	-	25	■		5		361540
	-	32	■	*	5		361557
	-	40	■	*	2		361564
	-	50	■	*	2		361571
	-	63	■	*	1		361588



ELBOW 90°

with plastic pipe connection and external thread

Model 8830

	thread	plastic pipe dimension (mm)	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■		5		361656
	3/4“	25	■		5		361663
	1“	32	■	*	5		361670
	1 1/4“	40	■	*	5		361687
	1 1/2“	50	■	*	2		361694
	2“	63	■	*	1		361700



ELBOW 90°

with plastic pipe connection and internal thread

Model 88310

	thread	plastic pipe dimension (mm)	W	G	pkg. unit		EAN no. 4027848-
standard	1/2“	20	■		5		361779
	3/4“	25	■		5		361786
	1“	25	■		5		361793
	1“	32	■	*	5		361809
	1 1/4“	40	■	*	5		361816
	1 1/2“	50	■	*	2		361823
	2“	63	■	*	1		361830
	2 1/2“	75	■		1		361847



ELBOW COUPLING

with 2 equal plastic pipe connections

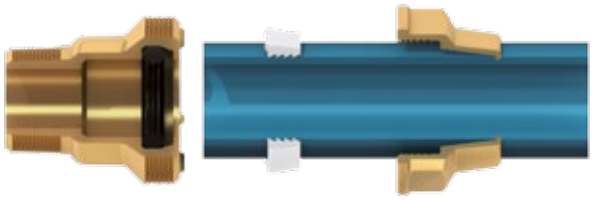
Model 88301

	thread	plastic pipe dimension (mm)	W	G	pkg. unit		EAN no. 4027848-
standard	-	20	■		5		361717
	-	25	■		5		361724
	-	32	■	*	5		361731
	-	40	■	*	2		361748
	-	50	■	*	2		361755
	-	63	■	*	1		361762

* with gas change-over set model 8999, page 68, it is suitable for gas usage

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Assembly Instructions:



for connectors series 88
for application 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).
2. Unscrew the forcing nut except of two turns.
3. Push the plastic pipe into the fitting to the bottom of the bore.
4. Tighten forcing nut firmly.

for connectors series 88
for application in the field of 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).
2. Push forcing nut and clamping ring onto the pipe.
3. Push the insert completely into the pipe.
4. Push the plastic pipe into the base body to the bottom of the bore. The pipe must be free of grooves.
5. Tighten forcing nut firmly.

Notes:
For thread connections to metal parts the permitted operation pressure is 4 bar in principle.
Corrosion protection acc. to DIN 50929 is necessary on site in the field of buried pipelining.

Approvals:

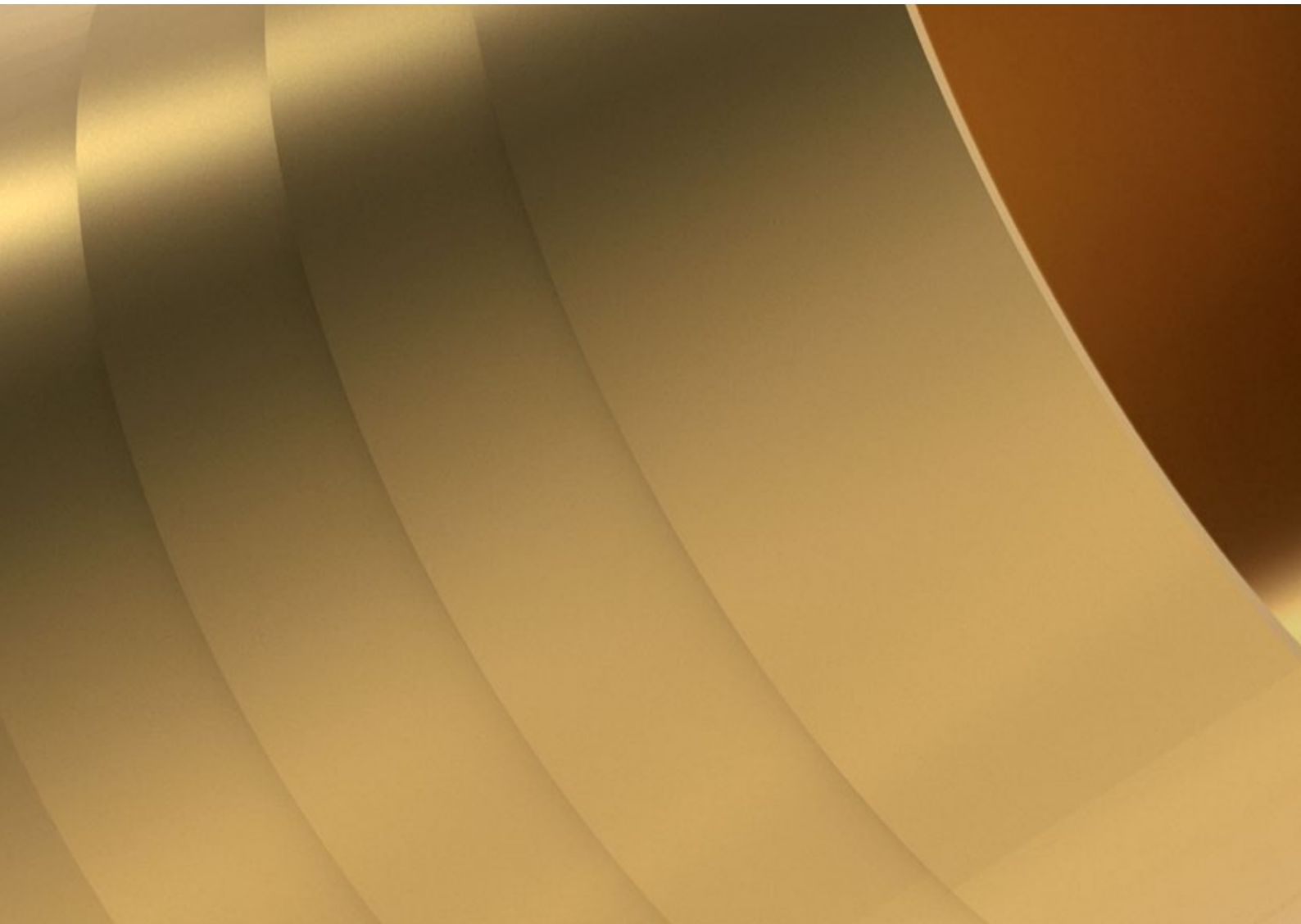
tested acc. to:

DVGW VP 600 / DN 25 - DN 50 / DG-7522BQ0486
DIN 8076-1 / DN 25 - DN 50 / DIN-DVGW DW-7511BR0042
SVGW W/TPW 157 / DN 16 - DN 75 / SVGW 0203-K 253
ÖVGW PW 300 DIN 8076-1 / DN 20 - DN 50 / ÖVGW W 1.464

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

BEULCO®

Accessories





CLAMPING SET

consisting of: forcing nut and plastic clamping ring
for **PE 80-, PE 100- and PE-Xa-pipes**

Model 8889

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	20	■	■	5		259519
-	25	■	■	5		259526
-	32	■	■	5		259533
-	40	■	■	5		259540
-	50	■	■	2		259557
-	63	■	■	2		259564



CLAMPING SET

consisting of: forcing nut and brass clamping ring
for **PVC-pipes**

Model 8894

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	20	■	■	5		265398
-	25	■	■	5		265404
-	32	■	■	5		265411
-	40	■	■	5		265428
-	50	■	■	2		265435
-	63	■	■	2		265442
-	75	■	■	1		265459



PROFILE SEAL

Model 8893

thread	plastic pipe dimension (mm)	2013	W	pkg. unit		EAN no. 4027848-
-	20	■	■	10		238972
-	25	■	■	10		238989
-	32	■	■	10		238996
-	40	■	■	10		239009
-	50	■	■	10		239016
-	63	■	■	10		239023
-	75	■	■	5		239030

made in Germany



CHAMFERING TOOL

for plastic pipes up to 63 mm outer diameter

equipped with an universal blade (94 mm)
for polythelene, polibutene, polypropylene, PVC and PVCc pipes

It is extremly light and of unlimited life.

Model 8880

material	pkg. unit		EAN no. 4027848-
plastic	1		124527



SPARE BLADE

Model 8880

length	pkg. unit		EAN no. 4027848-
69 mm (for chamfering tool 30°)	5		124671
94 mm (for chamfering tool 20°)	5		261932



SEALING BAND „LOCTITE“

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

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



SILICONE LUBRICANT „BERUSIL“

Model 8870

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



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