

## List of consumables



## Consumable material

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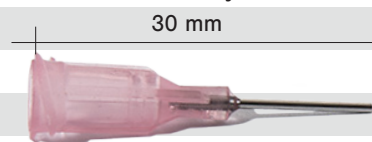
## Dispensing tip straight

### Luer Lock connection



Dispensing tip straight with Luer Lock connection 1/4"

Article number	length	I-D mm	A-D mm	size	colour
BG3001000	1/4"	1.54	1.83	14	olive
BG3001001	1/4"	1.36	1.65	15	amber
BG3001002	1/4"	1.19	1.62	16	grey
BG3001003	1/4"	1.00	1.49	17	brown
BG3001004	1/4"	0.84	1.27	18	green
BG3001005	1/4"	0.71	1.06	19	light green
BG3001006	1/4"	0.61	0.91	20	pink
BG3001007	1/4"	0.51	0.82	21	purple
BG3001008	1/4"	0.41	0.72	22	blue
BG3001009	1/4"	0.33	0.63	23	orange
BG3001010	1/4"	0.25	0.52	25	red
BG3001074	1/4"	0.20	0.42	27	transparent
BG3001011	1/4"	0.15	0.31	30	lavender
BG3001012	1/4"	0.10	0.24	32	yellow
BG3001013	1/4"	0.06	0.25	34	cyan

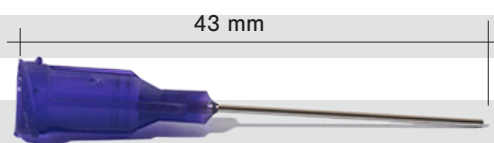


Dispensing tip straight with Luer Lock connection 1/2"

Article number	length	I-D mm	A-D mm	size	colour
BG3001014	1/2"	1.54	1.83	14	olive
BG3001015	1/2"	1.36	1.65	15	amber
BG3001016	1/2"	1.19	1.62	16	grey
BG3001017	1/2"	1.00	1.49	17	brown
BG3001018	1/2"	0.84	1.27	18	green
BG3001019	1/2"	0.71	1.06	19	light green
BG3001020	1/2"	0.61	0.91	20	pink
BG3001021	1/2"	0.51	0.82	21	purple
BG3001022	1/2"	0.41	0.72	22	blue
BG3001023	1/2"	0.33	0.63	23	orange
BG3001024	1/2"	0.25	0.52	25	red
BG3001075	1/2"	0.20	0.42	27	transparent
BG3001025	1/2"	0.15	0.31	30	lavender
BG3001103	1/2"	0.10	0.24	32	yellow
BG3001026	1/2"	0.06	0.25	34	cyan

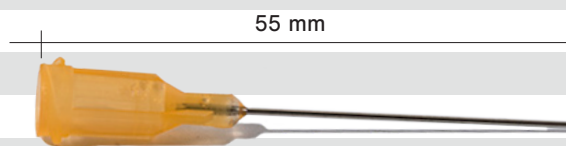
## Dispensing tip straight

### Luer Lock connection



#### Dispensing tip straight with Luer Lock connection 1"

Article number	length	I-D mm	A-D mm	size	colour
BG3001027	1"	1.54	1.83	14	olive
BG3001028	1"	1.36	1.65	15	amber
BG3001029	1"	1.19	1.62	16	grey
BG3001030	1"	1.00	1.49	17	brown
BG3001031	1"	0.84	1.27	18	green
BG3001032	1"	0.71	1.06	19	light green
BG3001033	1"	0.61	0.91	20	pink
BG3001034	1"	0.51	0.82	21	purple
BG3001035	1"	0.41	0.72	22	blue
BG3001036	1"	0.33	0.63	23	orange
BG3001037	1"	0.25	0.52	25	red
BG3001038	1"	0.20	0.42	27	transparent
BG3001105	1"	0.15	0.31	30	lavender



#### Dispensing tip straight with Luer Lock connection 1.5"

Article number	length	I-D mm	A-D mm	size	colour
BG3001039	1.5"	1.54	1.83	14	olive
BG3001040	1.5"	1.36	1.65	15	amber
BG3001041	1.5"	1.19	1.62	16	grey
BG3001042	1.5"	1.00	1.49	17	brown
BG3001043	1.5"	0.84	1.27	18	green
BG3001044	1.5"	0.71	1.06	19	light green
BG3001045	1.5"	0.61	0.91	20	pink
BG3001046	1.5"	0.51	0.82	21	purple
BG3001047	1.5"	0.41	0.72	22	blue
BG3001048	1.5"	0.33	0.63	23	orange
BG3001049	1.5"	0.25	0.52	25	red
BG3001106	1.5"	0.20	0.42	27	transparent

material: plastic body = polypropylene, capillary = stainless steel, PU = 50 pieces

Tolerance fluctuations in both the inner and outer diameter can occur.

## Dispensing tip tapered

### Luer Lock connection

32 mm



Dispensing tip tapered with Luer Lock connection

Article number	I-D mm	size	colour
BG3001257	3.50	8	light purple
BG3001258	3.00	10	light green
BG3001259	2.50	11	light orange
BG3001260	2.00	12	light blue
BG3001050	1.54	14	olive
BG3001051	1.19	16	grey
BG3001052	0.84	18	green
BG3001053	0.61	20	pink
BG3001054	0.41	22	blue
BG3001055	0.30	24	red
BG3001056	0.20	27	transparent

32 mm



Dispensing tip tapered with Luer Lock connection, for UV application

Article number	I-D mm	size	colour
BG300800	1.60	14	black
BG300801	1.20	16	black
BG300802	0.84	18	black
BG300803	0.58	20	black
BG300804	0.41	22	black
BG300805	0.25	25	black

27 mm



Aluminium dispensing needle with stepped tip

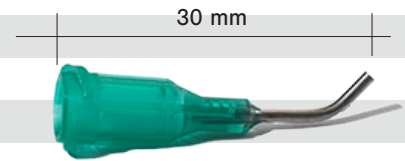
Article number	I-D mm
DN3000412	0.60

material: plastic body = polypropylene, capillary = stainless steel, PU = 50 pieces

Tolerance fluctuations in both the inner and outer diameter can occur.

## Dispensing tip angled

### Luer Lock connection



Dispensing tip angled with Luer Lock connection 45° 1/2"

Article number	I-D mm	A-D mm	size	colour
BG3001057	1.54	1.83	14	olive
BG3001058	1.36	1.65	15	amber
BG3001059	0.84	1.27	18	green
BG3001060	0.61	0.91	20	pink
BG3001061	0.51	0.82	21	purple
BG3001062	0.41	0.72	22	blue
BG3001063	0.33	0.63	23	orange
BG3001064	0.25	0.52	25	red
BG3001065	0.20	0.42	27	transparent



Dispensing tip angled with Luer Lock connection 90° 1/2"

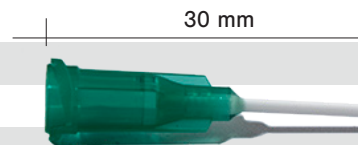
Article number	I-D mm	A-D mm	size	colour
BG3001066	1.54	1.83	14	olive
BG3001067	1.36	1.65	15	amber
BG3001068	0.84	1.27	18	green
BG3001069	0.61	0.91	20	pink
BG3001070	0.51	0.82	21	purple
BG3001071	0.41	0.72	22	blue
BG3001072	0.33	0.63	23	orange
BG3001073	0.25	0.52	25	red
BG3001076	0.20	0.42	27	transparent
BG3001077	0.15	0.31	30	lavender

material: plastic body = polypropylene, capillary = stainless steel, PU = 50 pieces

Tolerance fluctuations in both the inner and outer diameter can occur.

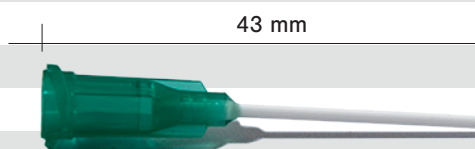
## Dispensing tip flexible

### Luer Lock connection



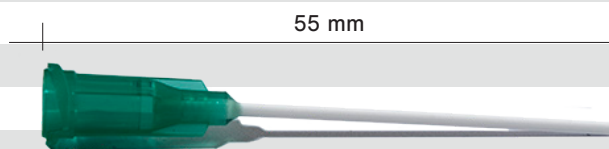
Dispensing tip flexible with Luer Lock connection 1/2"

Article number	length	I-D mm	A-D mm	size	colour
BG3001081	1/2"	1.15	1.80	15	amber
BG3001080	1/2"	0.84	1.25	18	green
BG3001079	1/2"	0.58	0.86	20	pink
BG3001108	1/2"	0.41	0.90	22	blue
BG3001078	1/2"	0.30	0.78	25	red



Dispensing tip flexible with Luer Lock connection 1"

Article number	length	I-D mm	A-D mm	size	colour
BG3001114	1"	1.15	1.80	15	amber
BG3001113	1"	0.84	1.25	18	green
BG3001112	1"	0.58	0.86	20	pink
BG3001111	1"	0.41	0.90	22	bleu
BG3001110	1"	0.30	0.78	25	red



Dispensing tip flexible with Luer Lock connection 1.5"

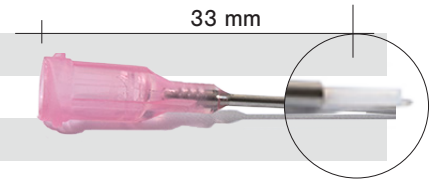
Article number	length	I-D mm	A-D mm	size	colour
BG3001085	1.5"	1.15	1.80	15	amber
BG3001084	1.5"	0.84	1.25	18	green
BG3001083	1.5"	0.58	0.86	20	pink
BG3001109	1.5"	0.41	0.90	22	blue
BG3001082	1.5"	0.30	0.78	25	red

material: plastic body = polypropylene, capillary = stainless steel, PU = 50 pieces

Tolerance fluctuations in both the inner and outer diameter can occur.

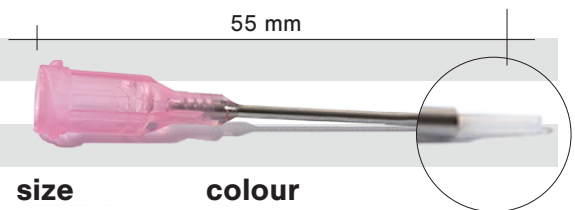
## PTFE Dispensing tip

### Luer Lock connection



PTFE Dispensing tip with Luer Lock connection 1/2"

Article number	length	I-D mm	size	colour
BG3001086	1/2"	0.51	21	grey
BG3001087	1/2"	0.30	24	pink
BG3001088	1/2"	0.25	25	red



PTFE Dispensing tip with Luer Lock connection 1"

Article number	length	I-D mm	size	colour
BG3001089	1"	0.51	21	grey
BG3001090	1"	0.30	24	pink
BG3001091	1"	0.25	25	red

material: plastic body = polypropylene, capillary = stainless steel, PU = 50 pieces

Tolerance fluctuations in both the inner and outer diameter can occur.

## Dispensing tip assortment big

### Luer Lock connection



#### Article number

#### BG3000000

38 different dispensing tips

BG3001055, BG3001054, BG3001053, BG3001052, BG3001051, BG3001050, BG3001025, BG3001075, BG3001024, BG3001023, BG3001022, BG3001021, BG3001020, BG3001018, BG3001016, BG3001015, BG3001014, BG3001004, BG3001006, BG3001007, BG3000621, BG3001058, BG3001059, BG3001060, BG3001028, BG3001031, BG3001033, BG3001040, BG3001043, BG3001045, BG3001086, BG3001089, BG3001084, BG3001083, BG3001080, BG3001079

each 5 pcs.

BG3001012, BG3001213

each 3 pcs.



## Precision dosing needles

### without coating



#### Dispensing tip Micron S

Article number	I-D mm	A-D mm	size	colour	material
BG3001092	1.04	1.24	18	pink	CuSn
BG3001093	0.86	1.06	19	light brown	CuSn
BG3001094	0.68	0.88	20	green	CuSn
BG3001095	0.61	0.81	21	light blue	CuSn
BG3001096	0.56	0.64	23	purple	CuSn
BG3001097	0.44	0.51	25	white	CuSn
BG3001098	0.34	0.41	27	red	CuSn
BG3001099	0.23	0.31	30	black	CuSn
BG3001100	0.16	0.24	06	blue	CuZnNi
BG3001101	0.11	0.21	04	orange	CuZnNi
BG3001102	0.06	0.17	02	yellow	CuZnNi

### with coating

#### Dispensing tip Micron S NiPTFE

Article number	I-D mm	A-D mm	size	colour	material
BG3001115	1.04	1.24	18	pink	CuSn
BG3001116	0.86	1.06	19	orange	CuSn
BG3001117	0.68	0.88	20	green	CuSn
BG3001118	0.61	0.81	21	light blue	CuSn
BG3001119	0.56	0.64	23		purple
					CuSn

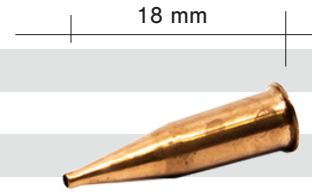
#### Note:

Color deviations possible due to manufacturing.

Coatings cause a material application in the 1/100mm range.

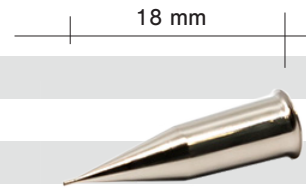
Tolerance fluctuations in both the inner and outer diameter can occur.

## Precision dosing needles



Dispensing tip, preciTip tapered, Luer Slip

Article number	I-D mm	A-D mm	size	material	coating
BG3001200	1.04	1.24	18	CuSn	None
BG3001201	1.04	1.24	18	CuSn	Ni
BG3001202	1.04	1.24	18	CuZnNi	None
BG3001203	1.04	1.24	18	CuSn	NiPTFE
BG3001204	1.04	1.24	18	CuSn	NiPoly
BG3001205	0.86	1.06	19	CuSn	None
BG3001206	0.86	1.06	19	CuSn	Ni
BG3001207	0.86	1.06	19	CuSn	NiPTFE
BG3001208	0.86	1.06	19	CuSn	NiPoly
BG3001209	0.68	0.88	20	CuSn	None
BG3001210	0.68	0.88	20	CuSn	Ni
BG3001211	0.68	0.88	20	CuSn	NiPTFE
BG3001212	0.68	0.88	20	CuSn	NiPoly
BG3001213	0.61	0.81	21	CuSn	None
BG3001214	0.61	0.81	21	CuSn	Ni
BG3001215	0.61	0.81	21	CuSn	NiPTFE
BG3001216	0.61	0.81	21	CuSn	NiPoly
BG3001217	0.56	0.64	23	CuSn	None
BG3001218	0.56	0.64	23	CuSn	Ni
BG3001219	0.56	0.64	23	CuSn	NiPTFE
BG3001220	0.56	0.64	23	CuSn	NiPoly
BG3001221	0.56	0.64	23	CuZnNi	None
BG3001222	0.56	0.64	23	CuZnNi	Ni
BG3001223	0.56	0.64	23	CuZnNi	NiPTFE
BG3001224	0.56	0.64	23	CuZnNi	NiPoly
BG3001225	0.44	0.51	25	CuSn	None
BG3001226	0.44	0.51	25	CuSn	Ni
BG3001227	0.44	0.51	25	CuSn	NiPTFE
BG3001228	0.44	0.51	25	CuSn	NiPoly
BG3001229	0.44	0.51	25	CuZnNi	None
BG3001230	0.44	0.51	25	CuZnNi	Ni
BG3001231	0.44	0.51	25	CuZnNi	NiPTFE
BG3001232	0.44	0.51	25	CuZnNi	NiPoly
BG3001233	0.34	0.41	27	CuSn	None



Dispensing tip, preciTip tapered, Luer Slip

Article number	I-D mm	A-D mm	size	material	coating
BG3001234	0.34	0.41	27	CuSn	Ni
BG3001235	0.34	0.41	27	CuSn	NiPTFE
BG3001236	0.34	0.41	27	CuSn	NiPoly
BG3001237	0.34	0.41	27	CuZnNi	None
BG3001238	0.34	0.41	27	CuZnNi	Ni
BG3001239	0.34	0.41	27	CuZnNi	NiPTFE
BG3001240	0.34	0.41	27	CuZnNi	NiPoly
BG3001241	0.23	0.31	30	CuSn	None
BG3001242	0.23	0.31	30	CuSn	Ni
BG3001243	0.23	0.31	30	CuSn	NiPTFE
BG3001244	0.23	0.31	30	CuSn	NiPoly
BG3001245	0.23	0.31	30	CuZnNi	None
BG3001246	0.23	0.31	30	CuZnNi	Ni
BG3001247	0.23	0.31	30	CuZnNi	NiPTFE
BG3001248	0.23	0.31	30	CuZnNi	NiPoly
BG3001249	0.16	0.24	06	CuZnNi	None
BG3001250	0.16	0.24	06	CuZnNi	Ni
BG3001251	0.16	0.24	06	CuZnNi	NiPTFE
BG3001252	0.11	0.21	04	CuZnNi	None
BG3001253	0.11	0.21	04	CuZnNi	NiPTFE
BG3001254	0.06	0.17	02	CuZnNi	None



BG3001199      preciBase for preciTip, Luer Lock, material V2A

**Note:**

Color deviations possible due to manufacturing.

CuSn = Bronze

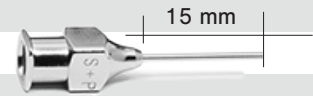
CuZnNi = nickel silver

Coatings cause a material application in the 1/100mm range.

Tolerance fluctuations in both the inner and outer diameter can occur.

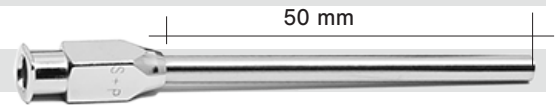
## Dispensing tip

### Metal



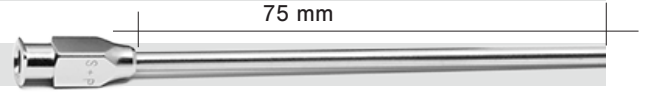
Dispensing tip Metal, 1-fold capillary, length 15 mm

Article number	length mm	I-D mm	A-D mm	size	PU
BG3001150	15	1.80	2.40	13	12
BG3001151	15	1.50	2.40	14	12
BG3001152	15	1.30	1.80	15	12
BG3001153	15	1.10	1.60	16	12
BG3001154	15	1.00	1.40	17	12
BG3001155	15	0.80	1.20	18	12
BG3001156	15	0.65	1.00	19	12
BG3001157	15	0.60	0.90	20	12
BG3001158	15	0.50	0.80	21	12
BG3001159	15	0.40	0.70	22	12
BG3001160	15	0.35	0.60	23	12
BG3001161	15	0.30	0.55	24	12
BG3001162	15	0.25	0.50	25	12
BG3001163	15	0.25	0.45	26	12
BG3001164	15	0.20	0.40	27	12



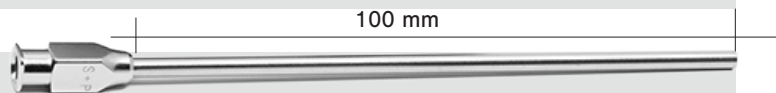
Dispensing tip Metal, 1-fold capillary, length 50 mm

Article number	length mm	I-D mm	A-D mm	size	PU
BG3001165	50	3.00	4.00	8	12
BG3001166	50	2.50	3.50	10	12
BG3001167	50	2.40	3.00	11	12
BG3001168	50	2.00	2.60	-	12
BG3001169	50	1.60	2.10	14	12
BG3001170	50	1.50	2.00	-	12
BG3001171	50	1.30	1.80	15	12
BG3001187	50	1.30	1.60	-	12
BG3001172	50	1.10	1.60	-	12
BG3001173	50	1.00	1.40	-	12
BG3001174	50	0.80	1.20	18	12
BG3001175	50	0.65	1.00	19	12



Dispensing tip Metal, 1-fold capillary, length 100 mm

Article number	length mm	I-D mm	A-D mm	size	PU
BG3001188	75	0.65	1.00	19	12



Dispensing tip Metal, 1-fold capillary, length 100 mm

Article number	length mm	I-D mm	A-D mm	size	PU
BG3001176	100	3.00	4.00	8	12
BG3001177	100	2.50	3.50	10	12
BG3001178	100	2.40	3.00	11	12
BG3001179	100	2.00	2.60	-	12
BG3001180	100	1.60	2.10	14	12
BG3001181	100	1.30	1.80	15	12
BG3001182	100	1.00	1.40	17	12
BG3001183	100	0.80	1.20	18	12
BG3001184	100	0.50	0.80	-	12
BG3001185	100	0.40	0.70	-	12
BG3001186	100	0.30	0.60	-	12

Special dimensions on request!

Tolerance fluctuations in both the inner and outer diameter can occur.

## Brush dispensing tip

### Brushes soft, round

length: ca. 40 mm



Brush diameter = 2 mm

Article number	needle I-D mm	size	colour
BG3000712	0.61	20	pink
BG3000711	0.51	21	purple
BG3000709	0.41	22	blue
BG3000710	0.33	23	orange
BG3000708	0.25	25	red
BG3000665	0.20	27	transparent

Brush diameter = 3 mm

Article number	needle I-D mm	size	colour
BG3000728	0.84	18	green
BG3000727	0.61	20	pink
BG3000726	0.51	21	purple
BG3000725	0.41	22	blue
BG3000724	0.33	23	orange
BG3000723	0.25	25	red
BG3000722	0.20	27	transparent

Brush diameter = 4 mm

Article number	needle I-D mm	size	colour
BG3000737	1.54	14	olive
BG3000736	1.36	15	brown
BG3000735	0.84	18	green
BG3000734	0.61	20	pink
BG3000733	0.51	21	purple
BG3000732	0.41	22	blue
BG3000731	0.33	23	orange
BG3000730	0.25	25	red
BG3000729	0.20	27	transparent

## Brush dispensing tip

### Brushes soft, round

length: ca. 40 mm



Brush diameter = 5 mm

Article number	needle I-D mm	size	colour
BG3000721	1.54	14	olive
BG3000713	1.36	15	brown
BG3000720	0.84	18	green
BG3000718	0.61	20	pink
BG3000719	0.51	21	purple
BG3000717	0.41	22	blue
BG3000716	0.33	23	orange
BG3000715	0.25	25	red
BG3000714	0.20	27	transparent

Brush diameter = 7 mm

Article number	needle I-D mm	size	colour
BG3000612	1.54	14	green
BG3000613	1.36	15	brown
BG3000614	0.84	18	olive
BG3000615	0.61	20	pink
BG3000616	0.51	21	purple
BG3000617	0.41	22	blue
BG3000618	0.33	23	orange
BG3000619	0.25	25	red
BG3000620	0.20	27	transparent

Tolerance fluctuations in both the inner and outer diameter can occur.

### Disposable plastic spray nozzle with pressure relief valve in the spray air inlet

#### Article number

SP100001



## Fluid line assembly (PE)

### Fluid line assembly (PE) for Disposable Pinch Tube Valve

2 cm



Fluid line assembly (PE) for Disposable Pinch Tube

Article number	described	length cm	ID mm
BG3001135	Fluid line assembly transparent	2	1.8
BG3001136	Fluid line assembly transparent	2	2.5
BG3001137	Fluid line assembly black	2	2.5

8 cm



Fluid line assembly (PE) for Hand Pinch Valve

Article number	described	length cm	ID mm
BG3001138	Fluid line assembly transparent	8	1.8
BG3001139	Fluid line assembly transparent	8	2.5
BG3001140	Fluid line assembly black	8	2.5

### Fluid line assembly long



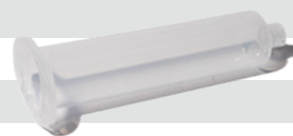
Fluid line assembly (PE) transparent/black, size 45cm, 60cm, 90cm, 150cm

Article number	described	length cm	ID mm
BG3001141	Fluid line assembly transparent	45	2.5
BG3001142	Fluid line assembly transparent	60	2.5
BG3001143	Fluid line assembly transparent	90	2.5
BG3001144	Fluid line assembly black	45	2.5
BG3001145	Fluid line assembly black	60	2.5
BG3001146	Fluid line assembly black	90	2.5
BG3001147	Fluid line assembly black	150	2.5



## Syringe barrel and accessories

### Syringe barrel



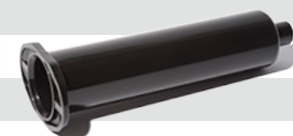
#### Syringe barrel transparent

Article number	length mm	width mm	size cc	PU
BG3001120	175	25	55	20
BG3001121	117	25	30	20
BG3001122	91	19	10	50
BG3001123	69	15	5	50
BG3001124	75	12	3	50



#### Syringe barrel amber

Article number	length mm	width mm	size cc	PU
BG3000588	175	25	55	20
BG3000587	117	25	30	20
BG3000586	91	19	10	50
BG3000585	69	15	5	50
BG3000584	75	12	3	50



#### Syringe barrel black

Article number	length mm	width mm	size cc	PU
BG3000598	175	25	55	50
BG3001125	117	25	30	50
BG3001126	91	19	10	50
BG3001127	69	15	5	50
BG3001128	75	12	3	50

### UV - protective cap



#### UV - protective cap

Article number	described
BG400001	UV - protective cap, black, for syringe barrel 3 cc - 55 cc and Preeflow eco-PEN 300 - 700, not perforated

## Accessories

### Piston



Piston, conical, PE

Article number	size cc	colour
BG3001130	30/55	white
BG3001131	10	white
BG3001132	5	white
BG3001133	3	white



Piston elastic, conical, CR

Article number	size cc	colour
BG3001192	30/55	black

### Syringe barrel end cap



Syringe barrel end cap top

Article number	size cc	colour
BG3000592	30/55	orange
BG3000591	10	orange
BG3000590	5	orange
BG3000589	3	orange

Syringe barrel end cap needle side



Article number	size cc	colour
BG3000621	all	orange
BG3001134	all	black

## Syringe barrel adapter

### Accessories and spare parts

Syringe barrel adapter for tube 4/2 with NBR-O-ring



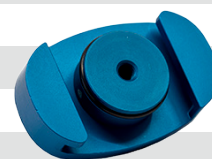
Article number	size cc	colour
BG3000811	30/55	yellow/black
BG3000794	10	yellow/black
BG3000812	5	yellow/black
BG3000827	3	yellow/black

Adapter head, with NBR-O-ring



Article number	size cc	colour
BG3000583	30/55	yellow
BG3000680	10	yellow
BG3000681	5	yellow
BG3000682	3	yellow

Adapter head aluminium, for 4/2 mm hose



Article number	size cc	colour
BG3000895	30/55	blue

Tube for syringe barrel adapter



Article number	size cc	colour
BG3000789	I - Ø 2.5 mm, A - Ø 4 mm	transparent

Connector bayonet



Article number	described	colour
BG3000832	optimized for tube 4/2 mm and 6/4 mm	black

Tube clamp for tube



Article number	described
BG3000864	tube clamp for tube Ø 5.9 - 7.0 mm
BG3000792	tube clamp for tube Ø 5.2 - 6.2 mm
BG3000790	tube clamp for tube Ø 4.7 - 5.7 mm
BG3000838	tube clamp for tube Ø 3.7 - 4.7 mm

Fine filter for pneumatic tube



Article number	tube diameter	permeability
BG3000670	I - Ø 4 mm, A - Ø 6 mm	25µm
BG3000671	I - Ø 2 mm, A - Ø 4 mm	25µm

## O-ring for Syringe barrel adapter



### O-ring nitrile

Article number	size cc	colour	
BG3000638	30/55	black	
BG3000692	10	black	
BG3000693	5	black	
BG3000694	3	black	(groove diameter 1.5 mm)

### O-ring buna (NBR)

Article number	size cc	colour	
BG3000702	30/55	black	
BG3000866	10	black	
BG3000751	5	black	
BG3000705	3	black	(groove diameter 1.5 mm)
BG3000881	3	black	(groove diameter 2 mm)

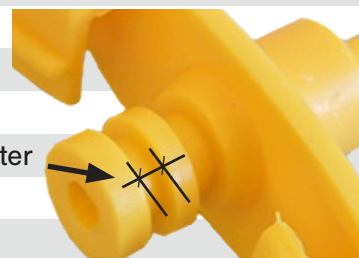
### O-ring viton (FPM)

Article number	size cc	colour	
BG3000704	30/55	black	
BG3000867	10	black	
BG3000753	5	black	
BG3000707	3	black	(groove diameter 1.5 mm)
BG3000887	3	black	(groove diameter 2 mm)

### O-ring ethylen (EPDM)

Article number	size cc	colour	
BG3000703	30/55	black	
BG3000868	10	black	
BG3000752	5	black	
BG3000706	3	black	(groove diameter 1.5 mm)
BG3000886	3	black	(groove diameter 2 mm)

groove diameter

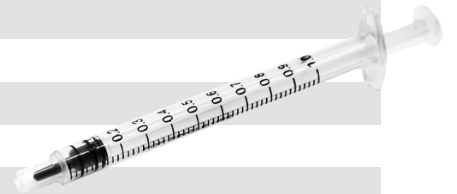


## Syringe complete



Luer Lock connection

Article number	size cc	colour
BG3000132	100	transparent
BG3000128	30	transparent
BG3000123	10	transparent
BG3000122	5	transparent
BG3000129	3	transparent



Luer Slip connection, pressed out without residual volume

Article number	size cc	colour
BG3000133	1	transparent



Luer slip connector, disposable syringe

Article number	size cc	colour
BG300108	10	transparent
BG300109	2	transparent

## Cleaning material

Conditioner white: cleaner and care product for dosing components



Article number	size cc	colour
CH3500004	310	white
CH3500007	30	white
CH3500005	10	white
CH3500006	1	white

Single-use cup with scale



Article number	size ml	colour
BG300100	30	transparent

Triangular beaker with scale

Article number	size ml	colour
BG300101	250	transparent

Liquid dispenser



Article number	size ml	colour
BG300105	180	pink

Cleaning wipes low fuzz (100 pcs. = 1 PU)



Article number	size	colour
BG300110	10 x 20 cm	white

Cleaning pads (100 pcs. = 1 PU)



Article number	length mm	colour
BG300111	70	white

Cleaning sticks (100 pcs. = 1 PU)

Article number	length mm	colour
BG300112	155	white

Cleaning brush (10 pcs. = 1 PU)



Article number	∅ mm	colour
BG300115	9	white
BG300116	5	white

Cleaning brush (10 pcs. = 1 PU)



Article number	∅ mm	colour
BG300117	2	white

Cleaning brush



Article number	∅ mm
BG300122	15

## Specifications

### Dosing accessories

All tolerance specifications represent the current state of knowledge or experience. If the corresponding value is critical to the process, it is important to communicate this beforehand!

All dosing needles are disposable products and should not be cleaned and reused. This can affect the function.

The actual length and position of the dosing needle on the dosing system depends on many factors (e.g. assembly torque, batch-dependent differences in dosing needle length and concentricity, ...). For robotic applications, needle alignment is therefore generally recommended.

The colour of the respective product may vary slightly for production reasons.

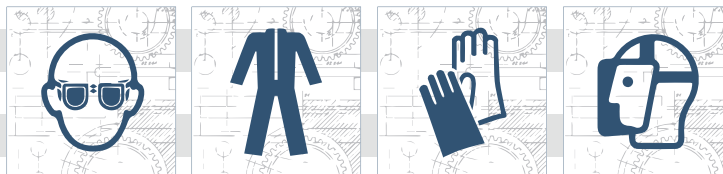
There is no 100% check for possible dimensional deviations. Critical applications that require special tolerances should always be clarified with H. Sigrist & Partner AG in advance.

#### 1. warnings for working with compressed air or chemicals

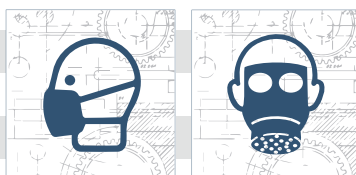
In addition to the present document, the company's internal safety regulations must be observed. Since the protective measures are largely determined by the application, a few examples are given below (see DIN EN ISO 7010).

Attention: If you need support on the subject of occupational safety, please contact H. Sigrist & Partner AG.

Eye protection, protective clothing, hand protection and  
Use face mask



Mandatory for compressed air applications  
Use mask and respiratory protection





## Dosiernadeln

Dispensing tip straight, Luer-Lock



Property	Value
Material	PP
Metal cannula	polished stainless steel, V2A: 1.4301
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C
Tolerance cannula diameter	±0.02 mm
Special	- Strong solvents, such as acetone, can damage dosing needle.

Dispensing tip tapered, Luer Lock



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C
Tolerance cannula diameter	±0.02 mm

Dispensing tip Metal, Luer Lock



Property	Value
Material	Luer-Lock Nickel and chrome plated brass
Metal cannula	polished stainless steel, 1.4301
Maximum dosing pressure	6.5 bar
Tolerance cannula diameter	±0.05 mm
Special length	±1 mm

## Kartuschen

### Syringe barrel transparent



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C

### Kartuschen bernstein



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C

### Syringe barrel black



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C

## Syringe barrel end cap

Syringe barrel end cap needle side



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C

Syringe barrel end cap top



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C

## Piston

Piston, conical, PE



Property	Value
Material	PP
Maximum dosing pressure	6.5 bar
Operating temperature	10 - 30°C

Piston elastic, conical, CR



Property	Value
Material	Pure CR Very good resistance to aging and embrittlement. Good mechanical recovery properties. Good chemical resistance. Good resistance to UV light.
Type. Process pressure	[bar] <7 bar
Fire behaviour	Self-extinguishing
guy. Operating temperature	[°C] -20 - 90
Hardness	[Shore A] ~70

## Typical application examples

- Pneumatic pressing of:
- medium to high viscosity media.
  - Media with fillers.
  - media forming a surface layer in the cartridge  
(anaerobic, moisture curing, ...)

## Instructions for use

It is recommended to check compatibility with the application before series production.  
 For dry applications use a suitable lubricant.