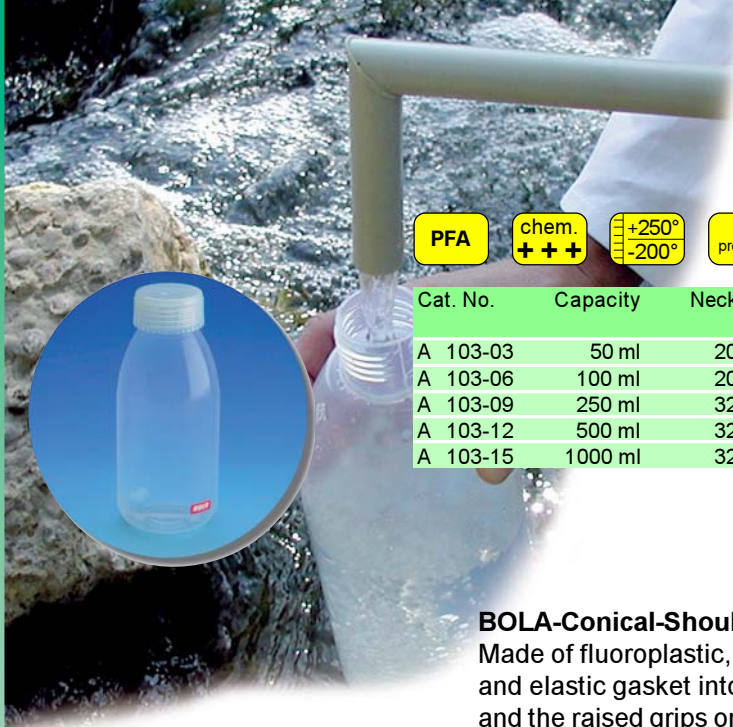


Vessels

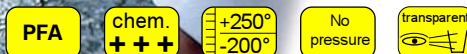
A



Beakers
Bottles
Round-Bottom Flasks



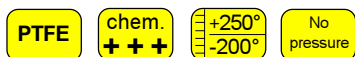
BOLA-Wide-Mouth Bottles, Conical Neck
Made of fluoroplastic. Non-porous, with screw cap and conical neck.



Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 103-03	50 ml	20 mm	38 mm	94 mm	S 28
A 103-06	100 ml	20 mm	45 mm	117 mm	S 28
A 103-09	250 ml	32 mm	61 mm	153 mm	S 40
A 103-12	500 ml	32 mm	76 mm	181 mm	S 40
A 103-15	1000 ml	32 mm	94 mm	221 mm	S 40

BOLA-Conical-Shoulder Bottles

Made of fluoroplastic, smooth interior surface, with screw cap and elastic gasket into the cap. The recessed grips of the cap and the raised grips on the bottle provide easy opening and closing of the bottle.



Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 111-08	10 ml	12 mm	26 mm	53 mm	M 19 x 2
A 111-16	25 ml	19 mm	33 mm	62 mm	M 25 x 2
A 111-24	50 ml	25 mm	43 mm	77 mm	M 30 x 2
A 111-32	100 ml	33 mm	52 mm	87 mm	M 42 x 2,5
A 111-40	250 ml	42 mm	67 mm	112 mm	M 48 x 2,5
A 111-48	500 ml	52 mm	80 mm	138 mm	M 58 x 2,5
A 111-56	1000 ml	57 mm	100 mm	172 mm	M 64 x 2,5



BOLA-Wide-Mouth Bottles

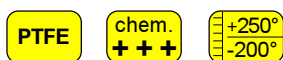
Made of fluoroplastic. Thick-walled, smooth interior surface, with screw cap.



Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 100-01	1 ml	9 mm	12 mm	22 mm	M 12 x 1
A 100-02	3 ml	14 mm	18 mm	33 mm	M 18 x 1,5
A 100-03	5 ml	15 mm	20 mm	35 mm	M 20 x 1,5
A 100-04	10 ml	18 mm	28 mm	44 mm	GL 25 x 3,5
A 100-05	25 ml	25 mm	34 mm	53 mm	GL 32 x 4
A 100-06	50 ml	31 mm	45 mm	72 mm	GL 40 x 4
A 100-07	100 ml	34 mm	50 mm	87 mm	GL 45 x 4
A 100-08	250 ml	34 mm	63 mm	122 mm	GL 45 x 4
A 100-09	500 ml	46 mm	75 mm	157 mm	GL 56 x 4
A 100-10	1000 ml	58 mm	100 mm	194 mm	GL 70 x 5

BOLA-Threaded Adaptors

Made of fluoroplastic. For connecting different threads, suitable for Merck bottles with GL 40 and for all PFA, PTFE bottles and jars with a thread GL 40 or S 40. By using this adaptor, dispensers or multiple distributors can be screwed tightly on fluoroplastic bottles. (Threaded adaptor supplied without bottle and multiple distributor for bottles).

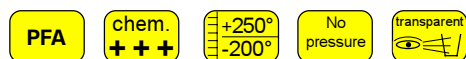


Cat. No.	Bottle thread	Cap thread
H 978-40	GL 40 and S 40	GL 45



BOLA-Wide-Mouth Bottles

Made of fluoroplastic. Non-porous, with screw cap.

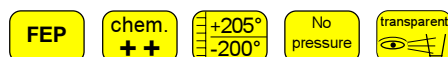


Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 101-02	100 ml	26 mm	48 mm	105 mm	S 36 x 4
A 101-03	250 ml	26 mm	60 mm	140 mm	S 36 x 4
A 101-04	500 ml	37 mm	71 mm	177 mm	S 45 x 4
A 101-05	1000 ml	37 mm	90 mm	210 mm	S 45 x 4



BOLA-Wide-Mouth Bottles

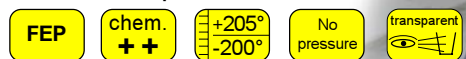
Made of fluoroplastic. Non-porous, thin-walled, with ETFE screw cap.



Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 102-01	125 ml	26 mm	46 mm	116 mm	S 32 x 4
A 102-02	250 ml	32 mm	59 mm	128 mm	S 42 x 4
A 102-03	500 ml	36 mm	72 mm	165 mm	S 47 x 4
A 102-04	1000 ml	43 mm	89 mm	203 mm	S 52 x 4

BOLA-Narrow-Mouth Bottles

Made of fluoroplastic. Non-porous, with screw cap.



Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 105-03	50 ml	10 mm	38 mm	93 mm	GL 18
A 105-06	100 ml	10 mm	45 mm	122 mm	GL 18
A 105-09	250 ml	17 mm	61 mm	163 mm	GL 25
A 105-15	1000 ml	22 mm	96 mm	235 mm	GL 32



BOLA-Narrow-Mouth Bottles

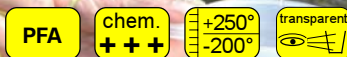
Made of fluoroplastic. Non-porous, graduated, with screw cap.



Cat. No.	Capacity	Neck I.D.	Bottle O.D.	Height with cap	Thread
A 107-03	50 ml	17 mm	49 mm	70 mm	GL 25
A 107-04	100 ml	17 mm	49 mm	101 mm	GL 25
A 107-05	250 ml	17 mm	61 mm	133 mm	GL 25
A 107-06	500 ml	17 mm	72 mm	170 mm	GL 25
A 107-07	1000 ml	26 mm	93 mm	203 mm	S 36
A 107-09	2000 ml	41 mm	125 mm	235 mm	S 48
A 107-11	3000 ml	44 mm	146 mm	262 mm	S 57
A 107-13	5000 ml	44 mm	172 mm	322 mm	S 57
A 107-16	10000 ml	36 mm	225 mm	350 mm	S 56



BOLA-Wash Bottles
Made of fluoroplastic.
Non-porous, graduated.



Cat. No.	Bottle O.D.	Height with nozzle	Capacity
A 114-01	48 mm	160 mm	100 ml
A 114-02	60 mm	200 mm	250 ml
A 114-03	72 mm	280 mm	500 ml
A 114-04	92 mm	320 mm	1000 ml

BOLA-Volumetric Flasks

Made of fluoroplastic. Non-porous, individually calibrated according to DIN 12664, class A accuracy, with screw cap.



Cat. No.	Capacity	Flask O.D.	Height with cap	Thread
A 146-05	25 ml	40 mm	112 mm	GL 18
A 146-10	50 ml	48 mm	147 mm	GL 18
A 146-15	100 ml	63 mm	169 mm	GL 18
A 146-20	250 ml	82 mm	227 mm	GL 25
A 146-25	500 ml	103 mm	267 mm	GL 25



BOLA-Micro Scrubber Bottles

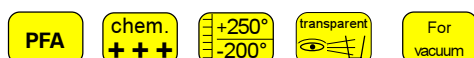
Micro scrubber bottles are especially designed for use with small volumes of liquids. Since both vessel and cover are made of PFA, they are non-porous, transparent and have an almost universal chemical resistance. The gas inlet tube must be inserted through the fitting on the top until it almost touches the bottom of the bottle. The side fitting is the gas outlet. This vessel can also be used as a cold trap.



Cat. No.	Capacity	O.D.	Total height, approx.	Fittings for tubing
A 119-24	50 ml	31 mm	180 mm	6 mm

BOLA-Cold Traps

The use of a cold trap can effectively prevent vapor contamination of for example vacuum pumps. The cold trap can be immersed in a Dewar vessel filled with liquid nitrogen or dry ice. During the evacuation and the slow heating process, vapors condense on the walls of the cold trap. Due to the universal chemical resistance of this PFA trap virtually all chemical compounds can be collected safely. The GL thread sockets permit tubes to be attached to the trap by means of screw joints or hose connectors. The swivel nut allows the trap to be opened without disconnecting the tubing.



Cat. No.	Collecting volume	O.D. Trap	Total height	Connecting sockets
B 317-60	approx. 320 ml	60 mm	400 mm	2 x GL 14

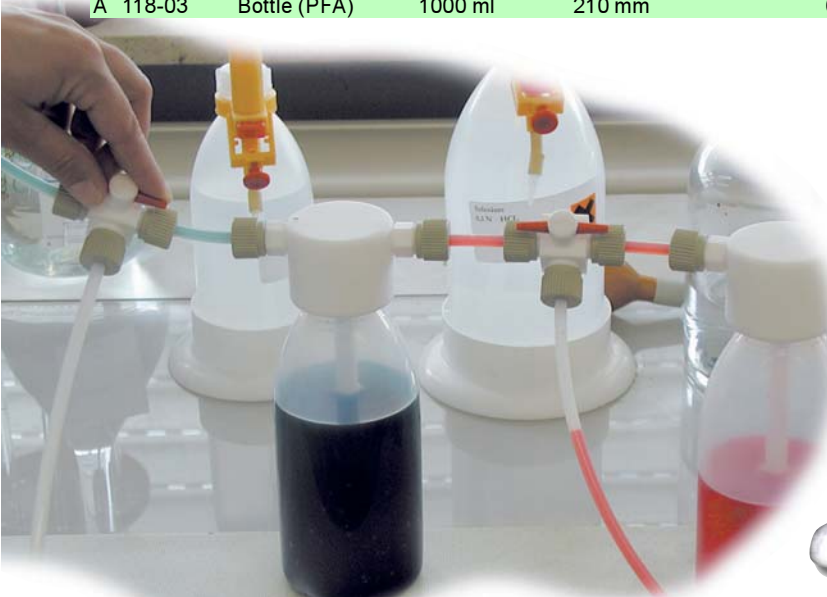
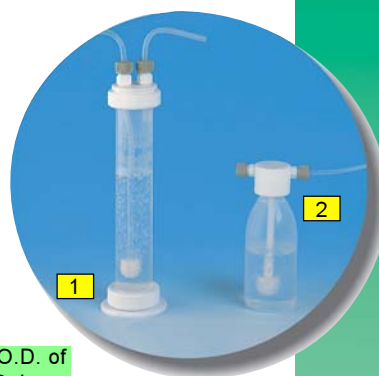


BOLA-Scrubber Bottles and Columns

Scrubber bottles are made of PFA and scrubber columns are made of FEP. Both are non-porous, transparent and have universal chemical resistance. The fine-pore frit (approx. 3µm, with a M8x1 thread) disperses the gas that is to be purified by washing. The extended inlet tube of the scrubber column allows intense mixing of the gas and liquid. Safe use of the vessels is enhanced by their unbreakable construction. Scrubber bottles and columns are each equipped with 2 PTFE fittings.

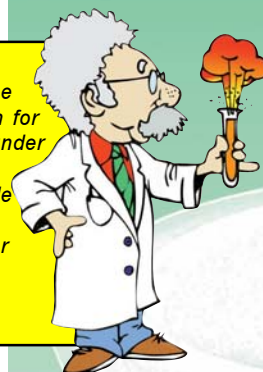


Cat. No.	Type	Capacity	Total height	Fittings for tubing	O.D. of Bottle / Column
A 117-04	1 Column (FEP)	500 ml	400 mm	8 mm	54 mm
A 117-08	Column (FEP)	1000 ml	700 mm	8 mm	54 mm
A 118-01	2 Bottle (PFA)	250 ml	135 mm	6 mm	60 mm
A 118-02	Bottle (PFA)	500 ml	165 mm	6 mm	75 mm
A 118-03	Bottle (PFA)	1000 ml	210 mm	6 mm	95 mm

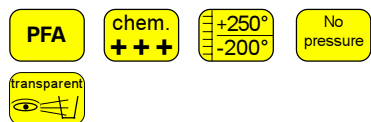


Autoclaving at 121°C

Vessels made of PTFE, PFA or FEP can be autoclaved or sterilized at 121°C. This can for example be made in the steam space or under dry conditions at 160°C. All vessels with screw caps or stoppers must be open while being autoclaved. Autoclaving of closed vessels will result in plastic deformation or destruction of the vessel.



For other frits which fit our scrubber columns and bottles, we refer you to page 108 in this catalogue.



BOLA-Jars

Made of fluoroplastic. Non-porous, with screw cap.

Cat. No.	Capacity	O.D.	I.D.	Height, inside	Height with cap	Thread
A 130-01	7 ml	22 mm	18,5 mm	32 mm	37 mm	S 24
A 130-02	15 ml	31 mm	25,5 mm	34 mm	40 mm	S 32
A 130-03	22 ml	31 mm	25,5 mm	50 mm	50 mm	S 32
A 130-04	30 ml	31 mm	25,5 mm	63 mm	70 mm	S 32
A 130-05	60 ml	50 mm	45,5 mm	40 mm	47 mm	S 52
A 130-06	90 ml	50 mm	45,5 mm	58 mm	67 mm	S 52
A 130-07	120 ml	66 mm	60,0 mm	45 mm	53 mm	S 69
A 130-08	180 ml	66 mm	60,0 mm	66 mm	73 mm	S 69
A 130-09	240 ml	66 mm	60,0 mm	86 mm	95 mm	S 69
A 130-10	360 ml	85 mm	80,0 mm	78 mm	88 mm	S 88
A 130-11	500 ml	85 mm	80,0 mm	109 mm	120 mm	S 88
A 130-12	1000 ml	107 mm	100,0 mm	139 mm	151 mm	S 110
A 130-15	2000 ml	107 mm	100,0 mm	260 mm	270 mm	S 110

BOLA-Jars

Made of fluoroplastic. Non-porous, with fitting for tubing moulded into the screw cover (dimensions and capacities are the same as cat.no.

A 130-.. series).



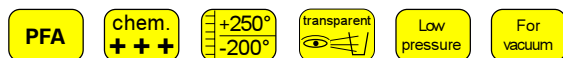
Cat. No.	Capacity	O.D.	Fittings	For tubing O.D.
A 131-12	120 ml	66 mm	2	6,35 mm (1/4")
A 131-13	180 ml	66 mm	2	6,35 mm (1/4")
A 131-14	240 ml	66 mm	2	6,35 mm (1/4")
A 131-15	360 ml	85 mm	2	6,35 mm (1/4")
A 131-16	500 ml	85 mm	2	6,35 mm (1/4")
A 131-17	1000 ml	107 mm	2	6,35 mm (1/4")



BOLA-Micro Reaction Vessels

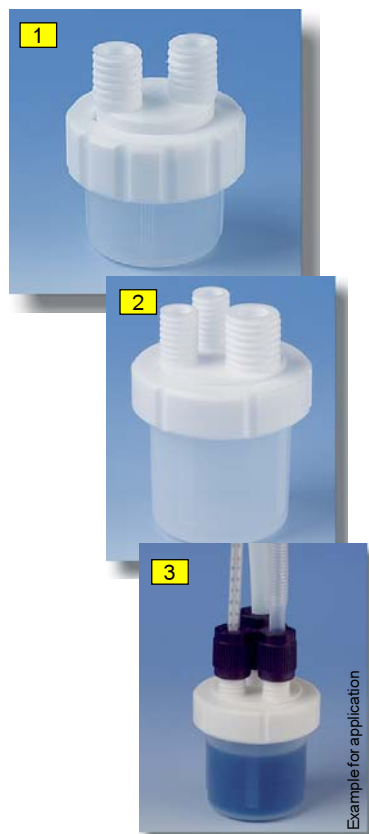
Ideal for reactions of small volumes of reactants. The integral GL thread fittings, when used together with our laboratory screw joints, allow assembly with tubings, glass or metal tubes, thermometers, sensors or probes of wide range of diameters. Any unused GL thread fittings can be blocked off by means of GL screw caps. We recommend to heat these micro-reaction vessels by a thermostat.

(Supplied without laboratory screw joints and thermometer.)



	Cat. No.	Capacity	GL Fittings	I.D.	Height, inside	O.D.	Total height
1	B 312-06	60 ml	2 x GL 18	45,5 mm	40 mm	50 mm	79 mm
1	B 312-09	90 ml	2 x GL 18	45,5 mm	58 mm	50 mm	97 mm
2	B 318-40	90 ml	2 x GL 14 and 1 x GL 18	45,5 mm	58 mm	50 mm	96 mm
2	B 318-48	120 ml	2 x GL 18 and 1 x GL 25	60,0 mm	45 mm	66 mm	89 mm
2	B 318-56	180 ml	2 x GL 18 and 1 x GL 25	60,0 mm	66 mm	66 mm	109 mm
2	B 318-64	240 ml	2 x GL 18 and 1 x GL 25	60,0 mm	86 mm	66 mm	130 mm
3	B 318-80	500 ml	3 x GL 25	80,0 mm	109 mm	85 mm	158 mm

You will find suitable laboratory screw joints on page 122.

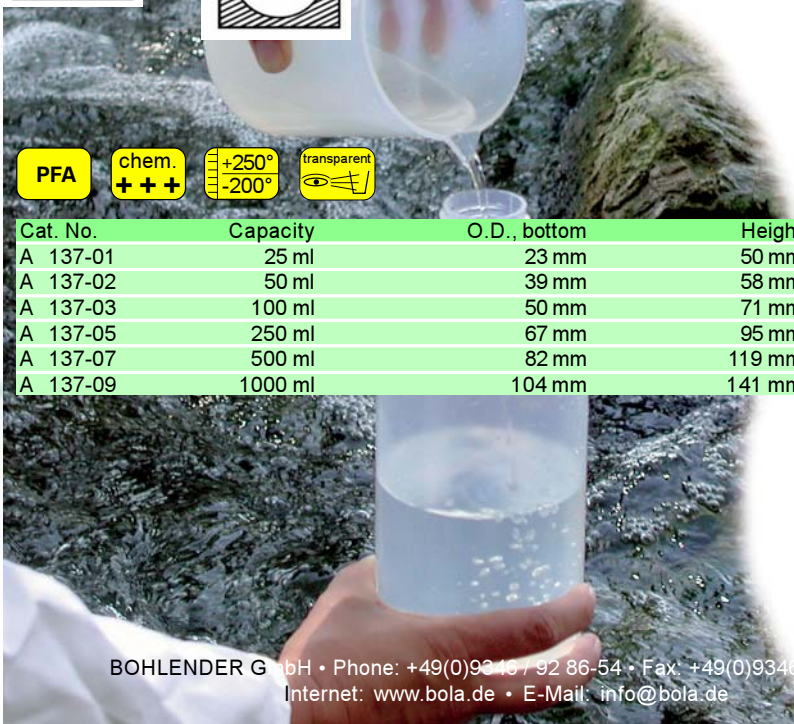
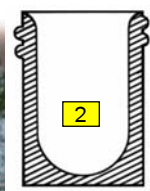
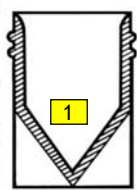


BOLA-Vials

Made of fluoroplastic. Non-porous, with screw cap, for centrifugal or evaporation work; round or conical bottom.



Cat. No.		Inside bottom	Capacity	O.D.	Height with cap	Thread
A 194-04	1	conical	5 ml	22 mm	36 mm	S 25
A 194-08		conical	30 ml	30 mm	76 mm	S 32
A 195-04	2	round	7 ml	22 mm	36 mm	S 25
A 195-08		round	15 ml	30 mm	40 mm	S 32



Cat. No.	Capacity	O.D., bottom	Height
A 137-01	25 ml	23 mm	50 mm
A 137-02	50 ml	39 mm	58 mm
A 137-03	100 ml	50 mm	71 mm
A 137-05	250 ml	67 mm	95 mm
A 137-07	500 ml	82 mm	119 mm
A 137-09	1000 ml	104 mm	141 mm

BOLA-Beakers

Made of fluoroplastic. Non-porous, graduated, with spout.

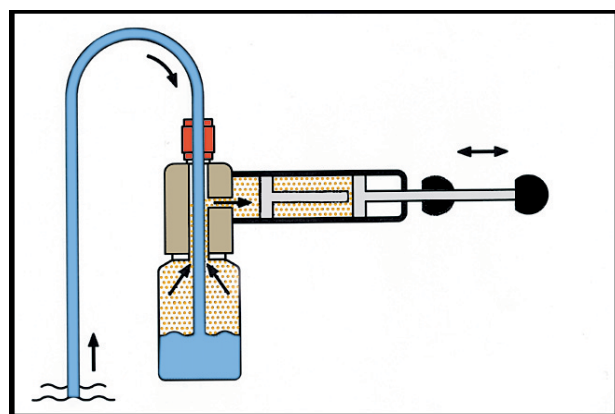


BOLA-Sampling Pumps

For quick, easy sampling or transfer of liquids, even from sources that are not easily accessible. Also suitable for use with high viscosity liquids (e.g. oils). The sampling pump is first screwed onto a collection bottle. Then an easy pull on the ball handle produces a slight vacuum in the bottle. The vacuum gently pulls the sample into the bottle through the PTFE sample tube. The sample is only exposed to the PTFE tubing and the collection bottle. Any GL 32 or GL 45 threads can be used as collection bottles. (Supplied with sampling pump and 2 meters of PTFE tubing).



Cat. No.	Tubing I.D.xO.D.	Thread of sample bottle	Thread for connection	For bottles with a capacity of	Volume per stroke
A 124-16	4 mm x 6 mm	GL 45	GL 18	100 - 2000 ml	50 ml



BESTSELLER

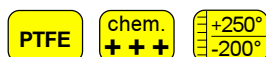


You will find a big variety of PFA/PTFE bottles on pages 10 to 11 of this catalogue.



BOLA-Beakers

Made of fluoroplastic. With spout and reinforced rim, thick-walled, smooth interior surface. A tight-closing lid with centering shoulders made of fluoroplastic is additionally available.



Cat. No.	Capacity	I.D.	O.D.	Height
Beaker				
A 136-01	1 ml	10 mm	12 mm	16 mm
A 136-02	3 ml	15 mm	17 mm	22 mm
A 136-03	5 ml	19 mm	21 mm	24 mm
A 136-04	10 ml	23 mm	26 mm	36 mm
A 136-05	25 ml	28 mm	31 mm	47 mm
A 136-06	50 ml	35 mm	41 mm	57 mm
A 136-07	100 ml	44 mm	51 mm	78 mm
A 136-08	150 ml	48 mm	56 mm	92 mm
A 136-09	250 ml	58 mm	65 mm	97 mm
A 136-11	500 ml	76 mm	81 mm	119 mm
A 136-13	1000 ml	97 mm	105 mm	152 mm
A 136-14	2000 ml	136 mm	142 mm	198 mm
A 136-15	3000 ml	148 mm	156 mm	232 mm

Cat. No.	Lid
H 927-03	
H 927-04	
H 927-05	
H 927-06	
H 927-07	
H 927-08	
H 927-09	
H 927-11	
H 927-13	
H 927-14	
H 927-15	

Any technical questions?

For technical assistance, for example dimensions or range of applications, please call the technical hotline:

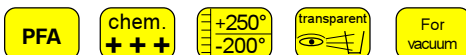
+49(0)9346 / 92 86-54





BOLA-Round Bottom Flasks (Two- and Three-Neck)

Made of fluoroplastic, non-porous. With one standard ground joint center neck and additional side neck(s). Allow assembly with temperature probes, electrodes or tubes. Conditionally suitable for vacuum depending on combined vacuum and temperature, e.g. at 30 mbar and a temperature of 50°C.

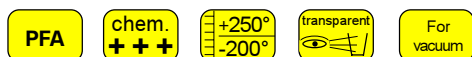


Cat. No.		Capacity	Center socket size	Side sockets size	Max. O.D. flask	Height
A 155-12	2	100 ml	NS 29/32	1 x NS 14/23	67 mm	117 mm
A 156-12	1	100 ml	NS 29/32	2 x NS 14/23	67 mm	117 mm
A 155-20	2	250 ml	NS 29/32	1 x NS 29/32	88 mm	149 mm
A 156-20	1	250 ml	NS 29/32	2 x NS 29/32	88 mm	149 mm
A 155-36	2	500 ml	NS 29/32	1 x NS 29/32	107 mm	177 mm
A 156-36	1	500 ml	NS 29/32	2 x NS 29/32	107 mm	177 mm



BOLA-Round Bottom Flasks with GL Thread Fittings

Made of fluoroplastic, non-porous. With one standard ground joint center neck and additional side neck(s) with GL thread fittings. Allow assembly with temperature probes, electrodes or tubes. Conditionally suitable for vacuum depending on combined vacuum and temperature, e.g. at 30 mbar and a temperature of 50°C.



Cat. No.	Capacity	Center socket size	Side sockets size	Max. O.D. flask	Height
A 149-12	100 ml	NS 29/32	2 x GL 18	67 mm	117 mm
A 149-20	250 ml	NS 29/32	2 x GL 18	88 mm	149 mm
A 149-36	500 ml	NS 29/32	2 x GL 18	107 mm	177 mm

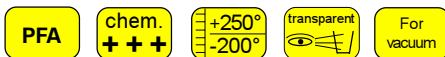


You will find suitable laboratory screw joints on page 122.



BOLA-Round Bottom Flasks

Made of fluoroplastic. With standard ground joint, non-porous. Suitable for a rotary evaporation, e.g. at 30 mbar and a temperature of 50°C.



Cat. No.	Capacity	Ground Joint	Max. O.D. flask	Height
A 158-06	100 ml	NS 29/32	67 mm	117 mm
A 158-08	250 ml	NS 29/32	88 mm	149 mm
A 158-09	500 ml	NS 29/32	107 mm	177 mm





BOLA-Stoppers

Made of fluoroplastic. With standard ground joint, with knurled or hexagonal ribs.

Now new with turned, circular sealing ribs

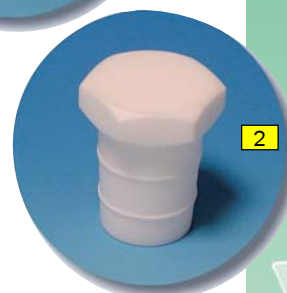
- ✓ easily removable
- ✓ prevents „sticking together“ of the ground joints
- ✓ improved sealing
- ✓ reduced danger of breaking

PTFE

chem.
++++250°
-200°

BESTSELLER

Size	1	Knurled rib	2	Hexagonal rib	Spanner size
		Cat. No.		Cat. No.	
NS 5/13		H 936-51			
NS 7/16		H 936-01			
NS 10/19		H 936-02			
NS 12/21		H 936-03			
NS 14/23		H 936-04		H 937-04	19 mm
NS 19/26		H 936-05		H 937-05	26 mm
NS 24/29		H 936-06			
NS 29/32		H 936-07		H 937-07	35 mm
NS 34/35		H 936-08			
NS 45/40		H 936-10		H 937-10	52 mm



We give better prices for larger quantities! Please call our sales hotline.

☎ +49(0)9346 / 92 86-54



BOLA-Erlenmeyer Flasks

Made of fluoroplastic. With standard ground joint, thick-walled, suitable for vacuum.

PTFE

chem.
++++250°
-200°

Cat. No.	Capacity	Ground Joint	O.D. of bottom	Height
A 151-01	50 ml	NS 19/26	54 mm	86 mm
A 151-02	100 ml	NS 19/26	63 mm	128 mm
A 151-03	250 ml	NS 29/32	85 mm	144 mm
A 151-04	500 ml	NS 29/32	107 mm	190 mm

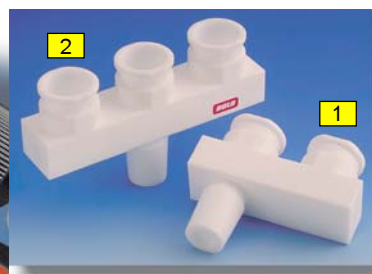
BOLA-Standard Ground Joint Manifolds

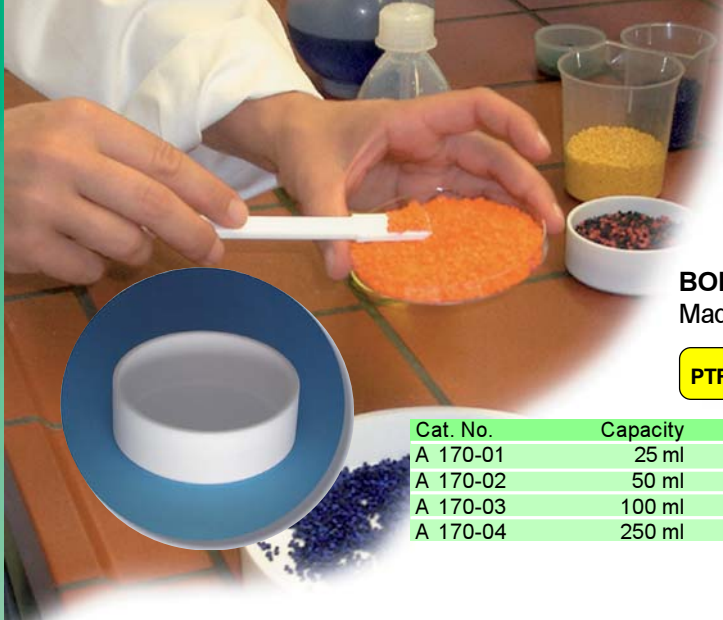
Made of fluoroplastic. With cone and socket, e.g. for round bottom flasks.

PTFE

chem.
++++250°
-200°

Cat. No.	Cone	Socket	Length x Width x Total height
H 1003-02	1 x NS 29/32	2 x NS 29/32	113 mm x 40 mm x 94 mm
H 1003-04	1 x NS 29/32	3 x NS 29/32	160 mm x 40 mm x 94 mm





BOLA-Evaporating Dishes

Made of fluoroplastic, without spout.

PTFE chem. +++ $\begin{matrix} \text{+250}^\circ \\ \text{-200}^\circ \end{matrix}$

Cat. No.	Capacity	I.D.	O.D.	Height
A 170-01	25 ml	40 mm	43 mm	27 mm
A 170-02	50 ml	62 mm	66 mm	25 mm
A 170-03	100 ml	75 mm	80 mm	29 mm
A 170-04	250 ml	94 mm	100 mm	56 mm

BOLA-Evaporating Dishes, conical shape

Made of fluoroplastic, with spout.

PTFE chem. +++ $\begin{matrix} \text{+250}^\circ \\ \text{-200}^\circ \end{matrix}$

Cat. No.	Capacity	O.D. of top	O.D. of bottom	Height
A 169-01	25 ml	38 mm	34 mm	37 mm
A 169-02	50 ml	49 mm	46 mm	41 mm
A 169-03	100 ml	64 mm	60 mm	54 mm
A 169-04	250 ml	97 mm	90 mm	62 mm



BOLA-Evaporating Dishes, cylindrical shape

Made of fluoroplastic, with spout.

PTFE chem. +++ $\begin{matrix} \text{+250}^\circ \\ \text{-200}^\circ \end{matrix}$

Cat. No.	Capacity	I.D.	O.D.	Height
A 176-02	100 ml	100 mm	105 mm	18 mm
A 176-03	250 ml	125 mm	130 mm	36 mm



BOLA-Evaporating Dishes

Made of fluoroplastic. Cylindrical shape, non-porous, stackable.

PFA chem. +++ $\begin{matrix} \text{+250}^\circ \\ \text{-200}^\circ \end{matrix}$

Cat. No.	Capacity	I.D.	O.D.	Height
A 177-01	15 ml	50 mm	56 mm	14,0 mm
A 177-03	100 ml	100 mm	105 mm	19,5 mm



BOLA-Evaporating Dishes

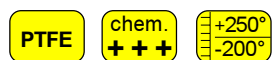
Made of fluoroplastic. Conical shape, with spout, non-porous.

PFA chem. +++ $\begin{matrix} \text{+250}^\circ \\ \text{-200}^\circ \end{matrix}$

Cat. No.	Capacity	O.D. of bottom	O.D. of top	Height
A 171-01	100 ml	60 mm	90 mm	30 mm

BOLA-Crucibles

Made of fluoroplastic. Smooth interior surface, stable.

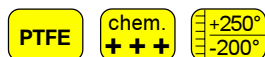


Cat. No.	Capacity	O.D.of bottom	O.D.of top	Height
A 197-03	25 ml	33 mm	49 mm	26 mm
A 197-04	50 ml	33 mm	62 mm	35 mm
A 197-05	100 ml	45 mm	78 mm	48 mm



BOLA-Watch Dishes

Made of fluoroplastic. Smooth interior surface, also suitable for covering beakers.



Cat. No.	O.D., approx.	Height
A 200-01	50 mm	8 mm
A 200-02	75 mm	8 mm
A 200-03	100 mm	11 mm
A 200-04	125 mm	12 mm



BOLA-Sample Cups (Drinking Cups)

Made of pure polypropylene. Ideal for keeping samples. The inner surface is very smooth while the outer surface has a handy structure. The bottom is flat and solid. For a better distinction, the cups are available in different colours. They can be stacked and stored space-saving.



Cat. No.	Colour	Volume, approx.	Height, approx.	Upper O.D., approx.	Lower O.D., approx.	Wall thickness, approx.
H 1050-08	natural	200 ml	85 mm	79 mm	53 mm	2 mm
H 1051-08	red	200 ml	85 mm	79 mm	53 mm	2 mm
H 1052-08	blue	200 ml	85 mm	79 mm	53 mm	2 mm
H 1053-08	green	200 ml	85 mm	79 mm	53 mm	2 mm
H 1054-08	yellow	200 ml	85 mm	79 mm	53 mm	2 mm
H 1055-08	white	200 ml	85 mm	79 mm	53 mm	2 mm

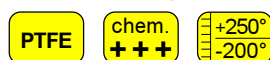


New



BOLA-Test Tubes

Made of fluoroplastic. Smooth surface.



Cat. No.	Capacity	O.D.	Wall thickness	Height
A 181-01	1,5 ml	8 mm	1 mm	70 mm
A 181-02	4,8 ml	10 mm	1 mm	100 mm
A 181-03	7 ml	12 mm	1 mm	100 mm
A 181-04	20 ml	16 mm	1 mm	160 mm
A 181-05	34 ml	18 mm	1 mm	180 mm



BOLA-Test Tubes

Made of fluoroplastic. Non-porous, with round bottom and PTFE screw cap.

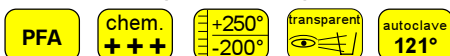


Cat. No.	Capacity	O.D.	Wall thickness	Height
A 185-01	10 ml	12 mm	1 mm	140 mm
A 185-02	15 ml	16 mm	1 mm	110 mm
A 185-03	20 ml	16 mm	1 mm	160 mm
A 185-05	50 ml	22 mm	1 mm	220 mm



BOLA-Test Tubes

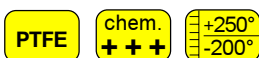
Made of fluoroplastic. Non-porous.



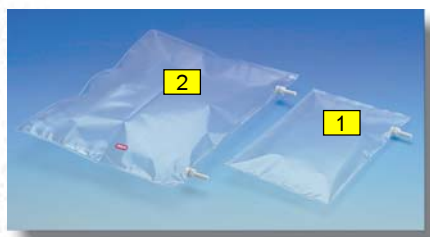
Cat. No.	Capacity	O.D.	Wall thickness	Height
A 183-01	10 ml	12 mm	1 mm	140 mm
A 183-02	15 ml	16 mm	1 mm	110 mm
A 183-03	20 ml	16 mm	1 mm	160 mm
A 183-04	25 ml	19 mm	1 mm	150 mm

BOLA-Centrifuge Tubes

Made of fluoroplastic. With round bottom, smooth surface.



Cat. No.	Capacity	O.D.	Wall thickness	Height
A 193-02	12 ml	16 mm	1 mm	100 mm
A 193-03	28 ml	24 mm	2 mm	100 mm
A 193-04	50 ml	34 mm	2,5 mm	100 mm
A 193-05	72 ml	40 mm	3 mm	100 mm
A 193-06	93 ml	44 mm	3 mm	100 mm



BOLA-Sampling Bags

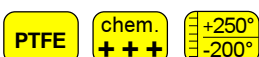
Non-porous, without plasticizer, absolutely inert, suitable for the storage of gases and liquids. Supplied with a cylindrical port diameter of 6 mm (Cat. No. A 226-06).



Capacity	Length	Width	1 Cat. No. 1 port	2 Cat. No. 2 ports
1,0 l	150 mm	250 mm	A 223-08	A 223-58
2,0 l	200 mm	250 mm	A 223-12	A 223-62
5,0 l	250 mm	350 mm	A 223-20	A 223-70
10,0 l	350 mm	500 mm	A 223-24	A 223-74

BOLA-Connectors for Sampling Bags

Made of fluoroplastic. For above sampling bags of A 223-.. series.



Cat. No.	Type	O.D.	Bore dia.
A 226-06 1	Connector with tube	6 mm	3 mm
A 226-12 2	Stopcock with tube	6 mm	3 mm

