



Strong & clever Protection

Filling units are the true heroes of everyday laboratory work when it comes to the safe disposal of liquid waste. Funnels, basins, collectors and table feedthroughs offer the safest method for the user in every situation to quickly get rid of hazardous liquids and send them on their way to disposal.

Filling Units

Filling safely and cleanly.

- ✓ Space-saving Attachment
- ✓ High working Comfort
- ✓ Safe Protection against Vapors



Filling Units

Feedthroughs

Pipe System

Tubing System

Safety Waste Caps

Ventilation

Containers

Level Control

Safety Cabinets

Filling Units Safety Funnels

Waste Disposal starts here!

The safe and clean solution for disposing of liquid waste directly in the work area.

- PE-HD electrostatic conductive
- Grounding connection (cable and clamp included)
- Hinged lid for safe closure
- Removable dirt sieve
- Can be combined with table and wall feedthroughs or directly on canisters



Feedthroughs

Desktop and wall feedthroughs you will find starting from **page 34**.

A 306 980

Funnel MARCO

- Safety funnel GL 45 (f)
- Funnel diameter = 157 mm OD (140 mm ID)
- Hinged lid
- Removable dirt sieve
- Grounding connection
- Can be combined with table and wall mounts or directly on canisters
- Material = PE-HD-EL



B 420 045

Universal Waste Hub JAN

- Safety funnel GL 45 (f)
- Funnel diameter = 157 mm OD (140 mm ID)
- Hinged lid
- Removable dirt sieve
- Grounding connection
- Material = PE-HD-EL
- 4 Connections capillary
- 3 Connections tube
- Fitting 1.6 mm: 4 pieces
- Fitting 2.3 mm: 4 pieces
- Fitting 3.2 mm: 4 pieces
- 3 Tube connector 5.0 -11.5 mm
- Exhaust filter M
- Blind plugs for all connections



Fig.	Part No.	Description	Material
A	306 980	Funnel MARCO, GL 45, electrostatic conductive	PE-HD-EL
	318 960	Funnel MARCO, S 60 / 61, electrostatic conductive	PE-HD-EL
B	420 045	Universal Waste Hub JAN, GL 45, electrostatic conductive	PE-HD-EL
	420 060	Universal Waste Hub JAN, S 60 / 61, electrostatic conductive	PE-HD-EL
	420 160	Universal Waste Hub JAN, S 60 / 61, with level control, electrostatic conductive	PE-HD-EL

Filling Units Safety Funnels

A 317 638

Funnel ARNOLD

- Safety funnel GL 45 (f)
- Funnel diameter = 200 mm
- Hinged lid
- Ball valve
- Removable dirt sieve
- Grounding connection
- Can be combined with table and wall mounts or directly on canisters
- Material = PE-HD-EL



Double Safety

With hinged lid and ball valve.



Funnel ARNOLD

Available for many other container threads. Simply follow the QR code.



Filling Units

Feedthroughs

Pipe System

Tubing System

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Level Control

Safety Cabinets

B 317 633

Funnel ARNOLD

- Safety funnel GL 45 (f)
- Funnel diameter = 200 mm
- Hinged lid
- Removable dirt sieve
- Ground connection
- Can be combined with table and wall feedthroughs or directly on canisters
- Material = PE-HD-EL



Application example

With laboratory glass bottle.



Fig.	Part No.	Description	Material
A	317 638	Funnel ARNOLD, with hinged lid and ball valve, GL 45, electrostatic conductive	PE-HD-EL
	317 621	Funnel ARNOLD, with hinged lid and ball valve, S 60 / 61, electrostatic conductive	PE-HD-EL
B	317 633	Funnel ARNOLD with hinged lid, GL 45, electrostatic conductive	PE-HD-EL
	317 634	Funnel ARNOLD with hinged lid, S 60 / 61, electrostatic conductive	PE-HD-EL

Filling Units

Lab Sinks

A 118 003

Lab sink, PP-EL

- G 1 1/2" (m)
- Removable dirt sieve
- Inside dimensions in mm: 400 x 400 x 250 (L x W x D)
- Material = PP-EL



B 106 434

Thread adapter

- G 1 1/2" (f)
- 32 mm (OD)
- Material = PE-HD-EL



C 106 584

Lab sink

- G 1 1/2" (f)
- GL 25 (m)
- Material = PTFE-EL



D 118 021

Lab sink

- GL 25 (m)
- Removable dirt sieve
- Grounding connection (cable and clamp included)
- Cover (optionally available) increases the work surface
- Inside dimensions in mm: 400 x 300 x 190 (L x W x D)
- Material = PE-HD-EL



E 118 026

Cover for sink

- Suitable for lab sink 118 020, 118 021, 118 024, 118 025
- Dimensions in mm: 400 x 300 x 30 (L x W x H)
- Material = PE-HD-EL

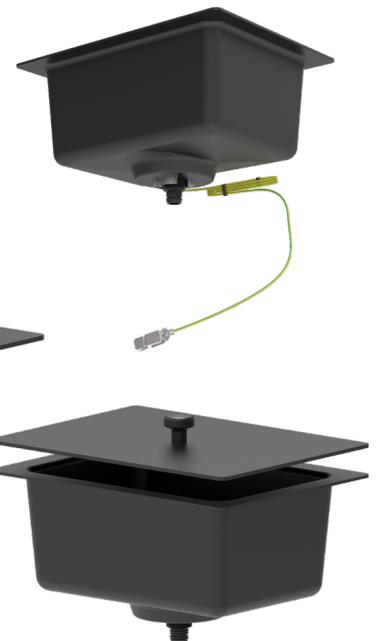
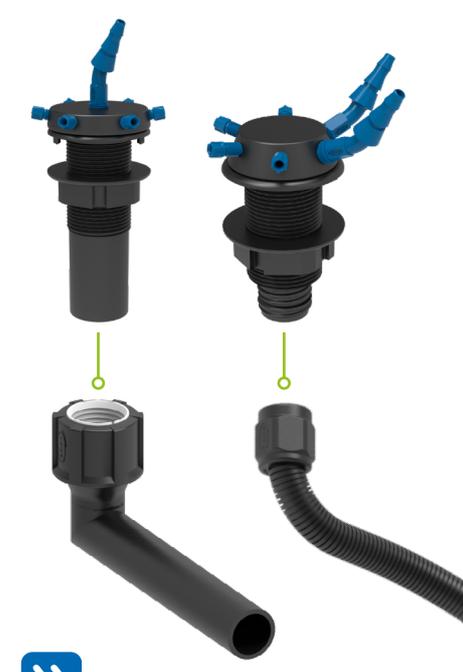


Fig.	Part No.	Description	Material
A	118 003	Lab sink, thread G 1 1/2" (m)	PP-EL
	118 005	Lab sink, thread G 1 1/2" (m), RAL7035 light grey, non conductive	PP
B	106 434	Thread adapter, G 1 1/2" (f) to (OD) 32 mm	PE-HD-EL
C	106 584	Thread adapter for basin, PTFE electrostatic conductive, G 1 1/2" (f) to GL 25 (m)	PTFE-EL
D	118 021	Lab sink, thread GL 25 (m)	PE-HD-EL
	118 020	Lab sink, thread G 1 1/2" (m)	PE-HD-EL
	118 024	Lab sink, pipe 32 mm (OD), vertical	PE-HD-EL
	118 025	Lab sink, pipe 32 mm (OD), angled with 2% slope	PE-HD-EL
E	118 026	Cover for sink (118 020, 118 021, 118 024, 118 025)	PE-HD-EL

Filling Units HPLC Connection

All-in-one

Table feedthrough and Safety Waste Collector in one. Thanks to the integrated connections for capillaries and tubing, the installation protrudes only slightly from the work surface.



>>
Pipe or Tube Connection
Pipe System starting from **page 40**.
Tubing System starting from **page 50**.



Fig.	Part No.	Description	Fittings included		Tube Connector	Connection	Pad Diameter	Material
			2.3 mm	3.2 mm				
A	106 412	HPLC-Desktop mount	6x	6x	1x 5.0 - 11.5 mm	32 mm pipe	53 mm	PE-HD-EL
B	106 669	HPLC-Desktop mount	4x	4x	2x 5.0 - 11.5 mm	32 mm pipe	53 mm	PE-HD-EL
C	106 616	HPLC-Desktop mount	4x	4x	2x 5.0 - 11.5 mm	GL 25 (m) tube	53 mm	PE-HD-EL
D	106 546	HPLC-Desktop mount	-	6x	1x 5.0 - 11.5 mm	G 1/2" (m)	53 mm	PE-HD-EL
E	106 629	HPLC-Desktop mount	-	-	1x 6.2 - 7.5 mm 6x 6.0 - 8.0 mm	32 mm pipe	53 mm	PE-HD-EL

- Filling Units
- Feedthroughs
- Pipe System
- Tubing System
- Safety Waste Caps
- Ventilation
- Containers
- Level Control
- Safety Cabinets

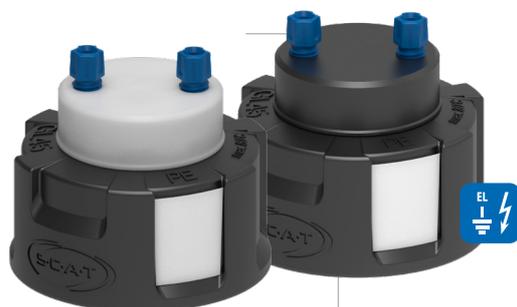
Filling Units

HPLC Connection

A 306 489

Safety Waste Collector II

- GL 45, 2x Capillary connections
- Fitting 1.6 mm: 2 pieces
- Fitting 2.3 mm: 2 pieces
- Fitting 3.2 mm: 2 pieces



Safety Waste Collector

SymLine Safety Waste Collector route the waste tubes from your HPLC system directly into the disposal system. A choice of 2, 3, 4, 5 or 7 connections offers you complete freedom. Fittings for different capillary diameters are included in the scope of delivery.

B 306 492-EL

Safety Waste Collector VII

- GL 45, 7x Capillary connections
- Fitting 1.6 mm: 7 pieces
- Fitting 2.3 mm: 7 pieces
- Fitting 3.2 mm: 7 pieces



D 450 045

LISA GL 45

- 4 Capillary connections
- 3 Tube connections
- Fitting 1.6 mm: 4 pieces
- Fitting 2.3 mm: 4 pieces
- Fitting 3.2 mm: 4 pieces
- Tube connector: 3 pieces
- Blind plugs



C 306 498-EL

Safety Waste Collector IV

- GL45, 4x Capillary connections, 1x Tube connection
- Fitting 1.6, 2.3, 3.2 mm: 4 pieces
- 1x Tube connector for tubes with 5.0 - 11.5 mm ID



LISA

Strictly speaking, a Safety Waste Cap. The exhaust air filter connection can be sealed with a blind plug. This means that Safety Waste Cap LISA can also be used as a Safety Waste Collector. LISA can be found on [pages 58-63](#).



Fig.	Part No.	Description	Core Material	Conn.	Incl. Fittings for Capillary-OD (mm)			Incl. TC. (mm)
					Ø 1.6	Ø 2.3	Ø 3.2	
A	306 489	SWC II, GL 45	PTFE	2	2x	2x	2x	
A	306 489-EL	SWC II, GL 45	PTFE-EL	2	2x	2x	2x	
	306 491	SWC III, GL 45	PTFE	3	3x	3x	3x	
	306 491-EL	SWC III, GL 45	PTFE-EL	3	3x	3x	3x	
	306 493	SWC IV, GL 45	PTFE	4	4x	4x	4x	
	306 493-EL	SWC IV, GL 45	PTFE-EL	4	4x	4x	4x	
	306 494	SWC V, GL 45	PTFE	5	5x	5x	5x	
	306 494-EL	SWC V, GL 45	PTFE-EL	5	5x	5x	5x	
	306 492	SWC VII, GL 45	PTFE	7	7x	7x	7x	
B	306 492-EL	SWC VII, GL 45	PTFE-EL	7	7x	7x	7x	
	306 497	SWC II + 1, GL 45	PTFE	3	2x	2x	2x	1x
	306 497-EL	SWC II + 1, GL 45	PTFE-EL	3	2x	2x	2x	1x
	306 498	SWC IV, GL 45	PTFE	5	4x	4x	4x	1x
C	306 498-EL	SWC IV, GL 45	PTFE-EL	5	4x	4x	4x	1x
D	450 045	LISA GL 45	PTFE-EL	7	4x	4x	4x	3x

Filling Units Accessories

A 306 509

4-in-1 Collector NICOLE

- The 4-in-1 collector named NICOLE allows you to place up to 4 Safety Waste Collectors on a collected drain
- 4x GL 45 (m)
- 1x GL 45 (f)
- PE-HD electrostatic conductive
- Can be combined with Safety Waste Collectors, table and wall feedthroughs



Table Feedthroughs

you will find on **pages 34-35**

Fig.	Part No.	Description	Material
A	306 509	4-in-1 collector NICOLE, 4x GL 45 (m) to 1x GL 45 (f), incl. blind cap	PE-HD-EL

Filling Units HPLC Connection - Special Solutions

B 160 531

HPLC desktop collector

- 6 Capillary connections
- 7 Tube connections
- Fitting 1.6 mm: 6 pieces
- Fitting 2.3 mm: 6 pieces
- Fitting 3.2 mm: 6 pieces
- Tube connector: 7 pieces
- Blind plugs: 12 pieces



C 106 729

Collector-Plug for SymLine pipe system, 32 mm

- 2 Capillary connections
- 2 Tube connections
- Fitting 1.6 mm: 2 pieces
- Fitting 2.3 mm: 2 pieces
- Fitting 3.2 mm: 2 pieces
- Tube connector: 2 pieces
- Blind plugs: 4 pieces



Fig.	Part No.	Description	Material
B	160 531	HPLC desktop collector	PTFE-EL
C	106 729	Collector-Plug for SymLine pipe system, 32 mm	PE-HD-EL

Filling Units Accessories

A 160 502**Blind Plug, PFA**

- For capillary connection
- UNF1/4" 28G
- Colorless
- Quantity = 5 pieces

**B** 107 061**PFA fitting, 1.6 mm OD**

- For capillary connection
- UNF1/4" 28G
- Green
- Quantity = 5 pieces

**C** 107 059**PFA fitting, 2.3 mm OD**

- For capillary connection
- UNF1/4" 28G
- Violet
- Quantity = 5 pieces

**D** 107 063**PFA fitting, 3.2 mm OD**

- For capillary connection
- UNF1/4" 28G
- Blue
- Quantity = 5 pieces

**E** 117 808**Tube connector, curved, 5.0 - 11.5 mm ID**

- For tube connection
- NPT 1/8"
- Curved
- 5.0 - 11.5 mm ID
- Material = PP

**G** 117 816**Tube connector, suitable for capillary port**

- For capillary connector
- UNF1/4" 28G
- Tube connector
- Straight
- 6 - 8 mm ID
- Material = PP

**G** 107 680**Blind plug, PTFE-EL, GL 14**

- For exhaust filter connection
- GL 14
- Material = PTFE-EL

**H** 160 523**Blind plug, PTFE-EL, NPT 1/8"**

- For tube connector
- NPT 1/8"
- Material = PTFE-EL

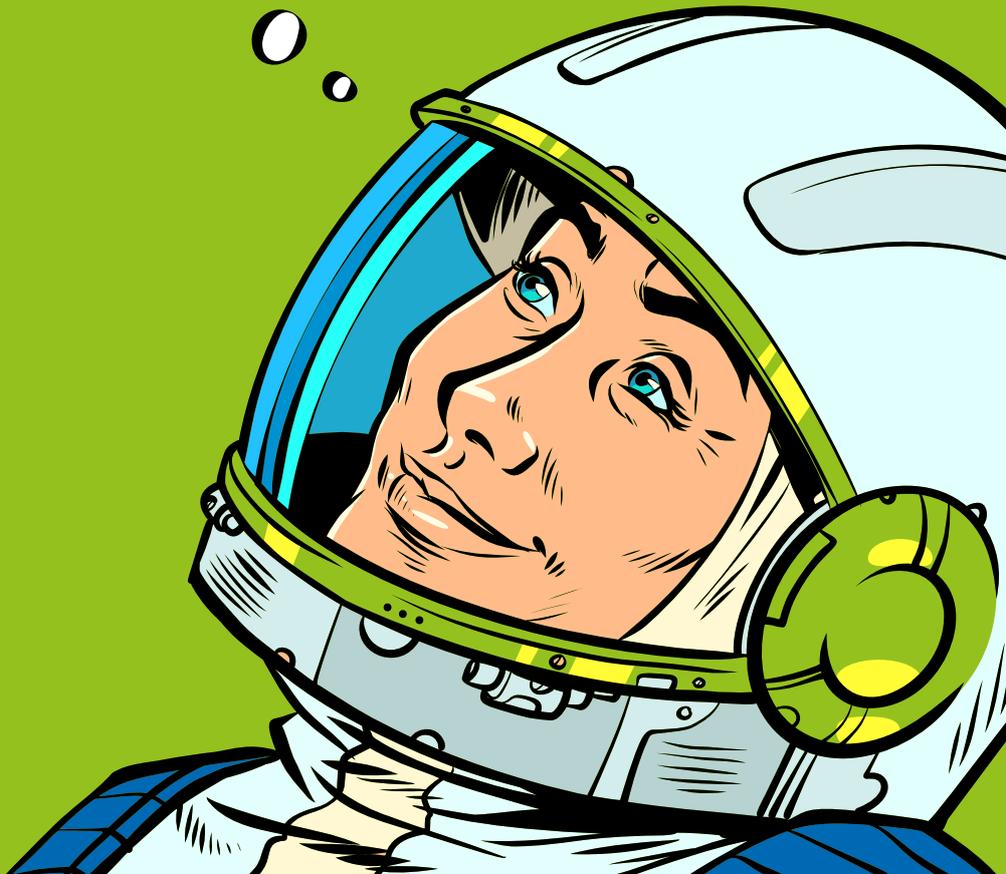


Fittings, Tube Connectors and Blind Plugs

Also suitable for Safety Waste Caps. Safety Waste Caps and Accessories starting from **page 56**.



Fig.	Part No.	Description	VE	Material
A	160 502	Blind plug for capillary connection	5	PFA
	160 501	Blind plug for capillary connection	10	PFA
B	107 061	Fitting for capillary connection, 1.6 mm, green	5	PFA
C	107 059	Fitting for capillary connection, 2.3 mm, violet	5	PFA
D	107 063	Fitting for capillary connection, 3.2 mm, blue	5	PFA
E	117 808	Stepped tube connector, curved, 5.0 - 11.5 mm	1	PP
F	117 816	Tube connector, straight, 6 - 8 mm	1	PP
G	107 680	Blind plug, for exhaust filter connection	1	PTFE-EL
H	160 523	Blind plug for tube connection	1	PTFE-EL

A man with a mustache and blue eyes is shown from the chest up, wearing a white space helmet with a clear visor and a green communication device on the side. He has a thoughtful expression. The background is a solid green color. A large white speech bubble is positioned above him, and a smaller white thought bubble is positioned below it. To the left of the man, there is a vertical line of small, irregular shapes, possibly representing a trail or a sequence of events.

**I THINK
I'M THROUGH...**

**WHAT WILL BE
INSTALLED HERE?**