

b.safe

Instruction Manual **b.safe Tube installation**

b.safe Waste Tube

Cat.No.: R 1410-06



b.safe Waste Tube Smooth

Cat.No.: R 1420-06

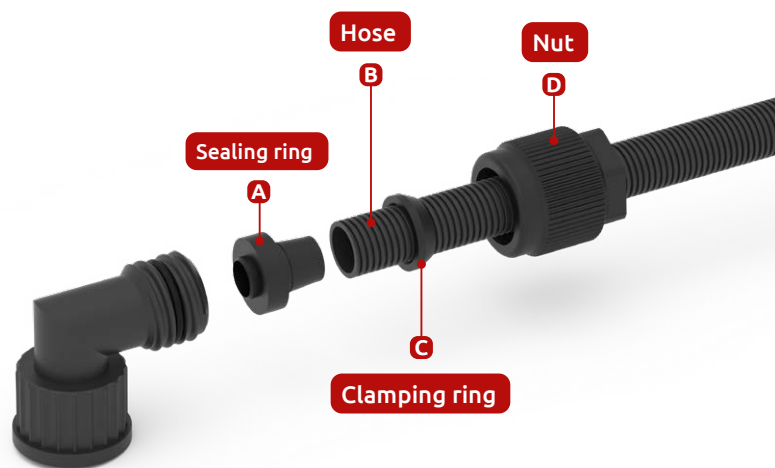


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b.safe Waste Tube Smooth

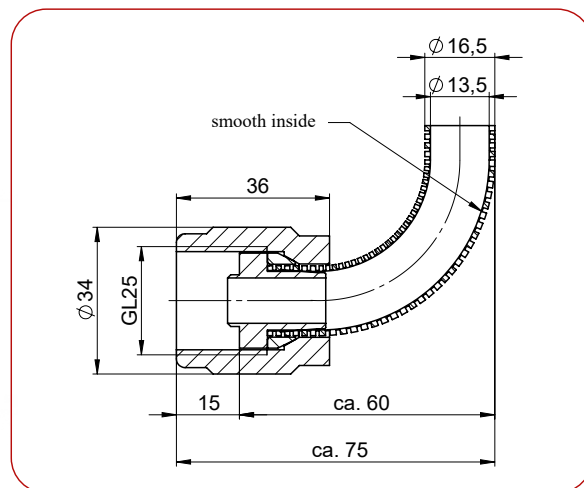
Cut from corrugated tubing made of static dissipative PTFE-EX (outside corrugated, inside smooth). Including 2 b.safe Screw Joints for b.safeWaste Tube Smooth to connect threads with GL25, e.g. b.safe Desktop Mounts or b.safe Waste Caps, as well as 1 tubing holder for wall mounting. The screw joints are not mounted so that the tubing can be cut to the required length.



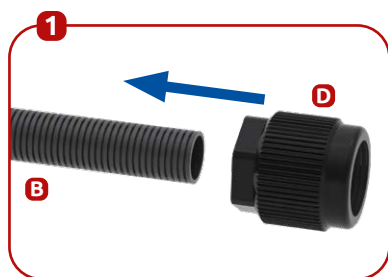
Length mm	I.D. mm	O.D. mm	Thread Size	Cat.No.
600	approx. 13,5	approx. 16,5	GL25 female	R 1420-06
1000	approx. 13,5	approx. 16,5	GL25 female	R 1420-10
1500	approx. 13,5	approx. 16,5	GL25 female	R 1420-15
2500	approx. 13,5	approx. 16,5	GL25 female	R 1420-25

Application:

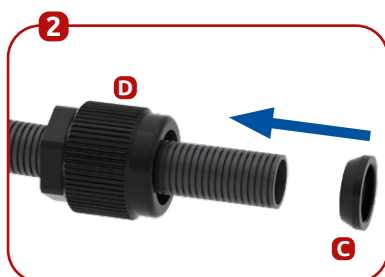
Flexible corrugated tube to lead liquid solvent waste e.g. from a b.safe Desktop Mount into a canister with Waste Cap and GL25 thread. Should you need a longer tubing than mentioned in above table, b.safe Corrugate Tubing Cat.No. R 773-16 and b.safe Screw Joint for Waste Tube Smooth Cat.No. R 1405-16 can be combined individually.



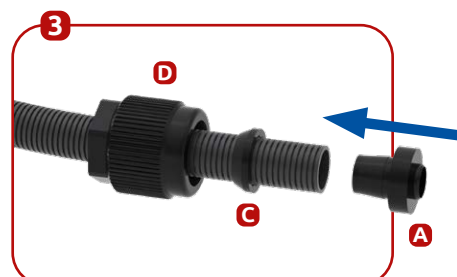
Installation of b.safe Waste Tube Smooth



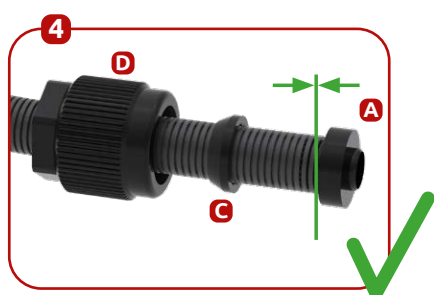
Push the nut onto the hose



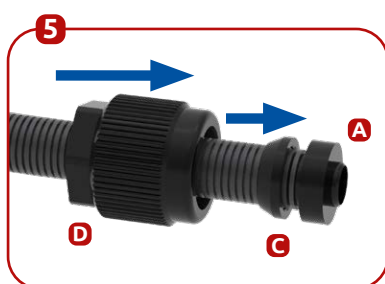
Push the clamping ring onto the hose with the narrow side first



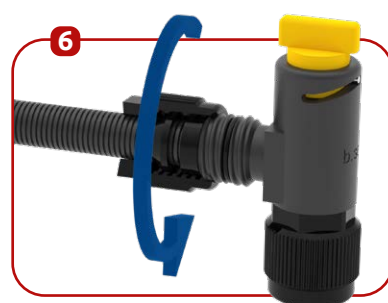
Insert the sealing ring into the hose until it stops.



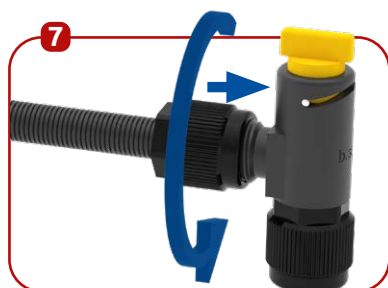
Coupling is inserted into the hose until it stops



Pull the nut forward over the clamping ring and the sealing ring until it stops.



Screw the nut onto the desired product, e.g. an Elbow Stopcock



Screw on the nut until it is tight

b.safe Waste Tube

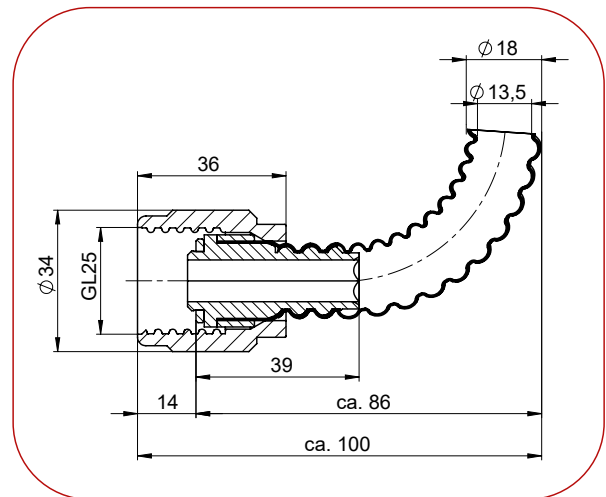
Zuschnitt aus flexiblem Wellschlauch aus ableitfähigem PTFE-EX, Innen- und Außenseite spiralförmig. Inklusive zwei b.safe Verschraubungen für Waste Tube zum Übergang auf Anschlussgewinde GL25 an z. B. b.safe Tischdurchführungen oder b.safe Waste Caps sowie 1 Schlauchhalterung zur Wandbefestigung. Damit der Schlauch bei Bedarf individuell auf die gewünschte Länge gekürzt werden kann, liegen die Verschraubungen unmontiert bei. Sie werden mit einem Innensechskantschlüssel SW 10 einfach in den Schlauch eingeschraubt.



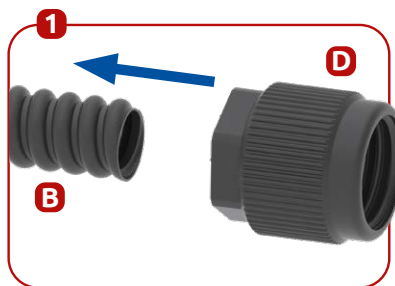
I.D. mm	O.D. mm	Thread Size	Connection thread	Cat.No.
600	approx. 13,5	approx. 18	GL25 female	R 1410-06
1000	approx. 13,5	approx. 18	GL25 female	R 1410-10
1500	approx. 13,5	approx. 18	GL25 female	R 1410-15
2500	approx. 13,5	approx. 18	GL25 female	R 1410-25

Application:

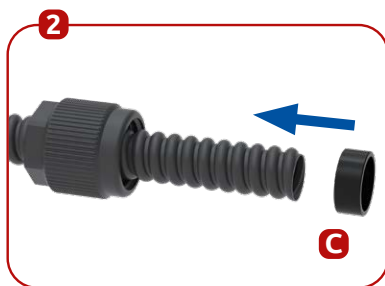
Flexible corrugated tube to lead liquid solvent waste e.g. from a b.safeDesktop Mount into a canister with Waste Cap and GL25 thread. Should you need a longer tubing than mentioned in above table, b.safe Corrugate Tubing Cat. No. R 773-18 and b.safe Screw Joint for Waste Tube Cat.No. R 1405-18 can be combined individually.



Installation of b.safe Waste Tube



Push the nut onto the hose



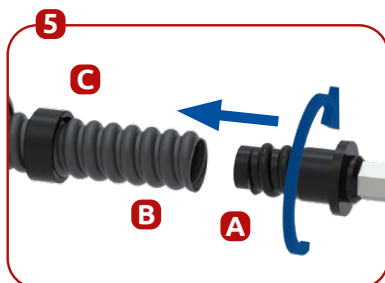
Slide the symmetrical sealing ring onto the hose



The nut and sealing ring must be pushed onto the hose at least one coupling length (30 mm)



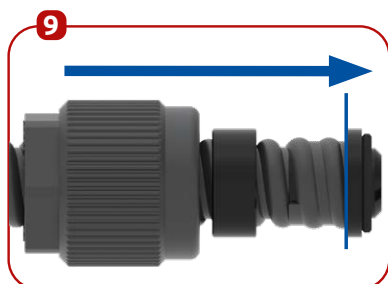
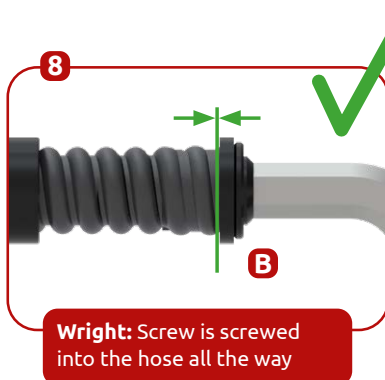
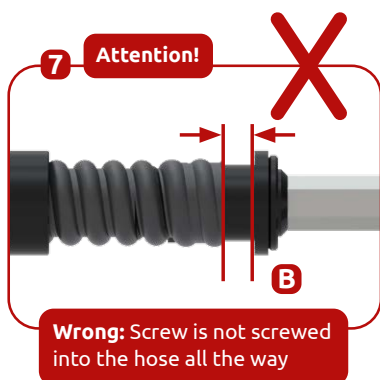
Insert the hexagon wrench SW10 into the coupling



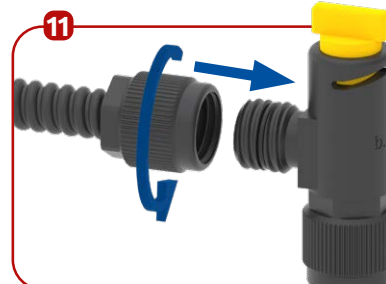
Screw the coupling into the hose



Coupling is screwed into the hose until it stops



Pull the nut energetic forward, thereby the clamping ring pushing forward



Screw the nut onto the desired product, e.g., an Ellbow Stopcock.

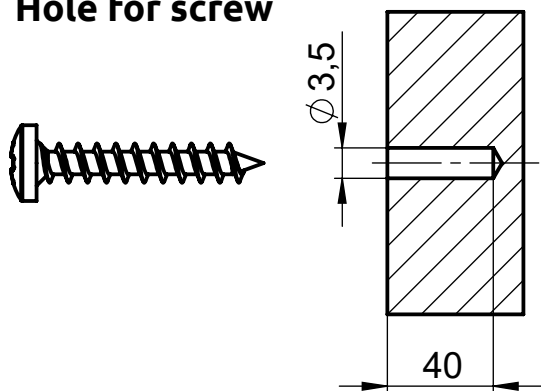
Additional accessories

b.safe Wall Mount for Waste Tube / Waste Tube Smooth

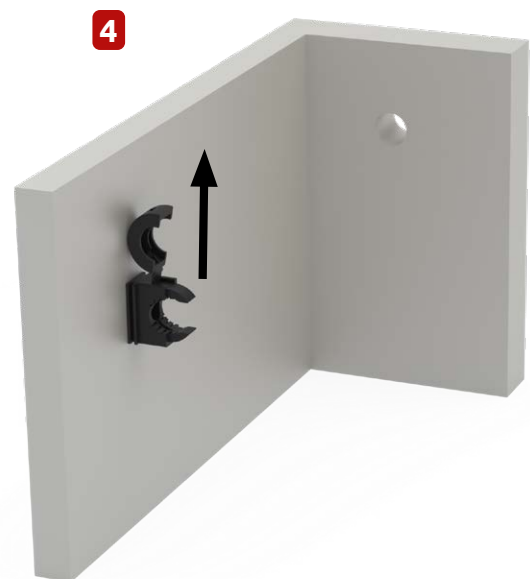
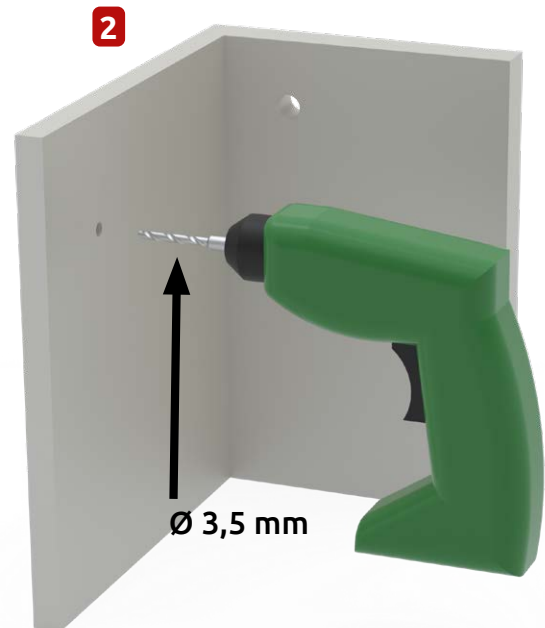
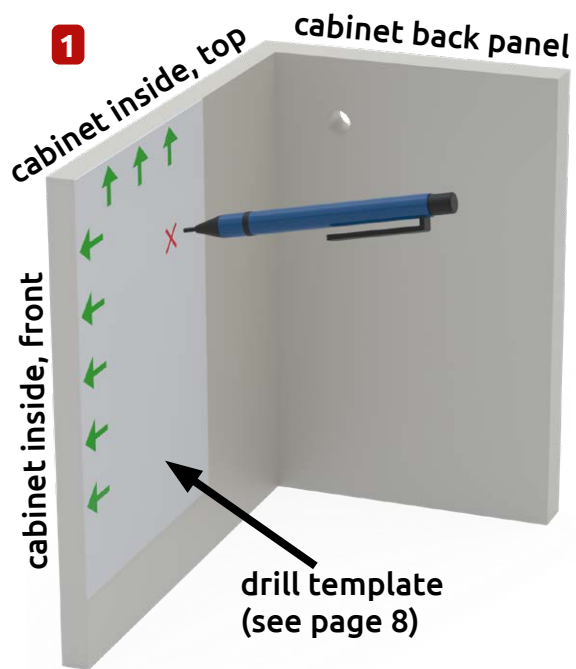


Description	Material	Waste Tube	Waste Tube Smooth	Cat.No
b.safe Wall Mount for Waste Tube , hinged pipe clamp for b.safe Waste Tube with O.D. 18 mm. Fixing material included. Packing unit: 1 piece.	PA	•		R 1400-18
b.safe Wall Mount for Waste Tube Smooth , hinged pipe clamp for b.safe Waste Tube Smooth with O.D. 16,5 mm. Fixing material included. Packing unit: 1 piece.	PA		•	R 1400-16

Hole for screw

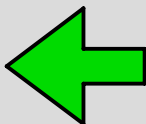
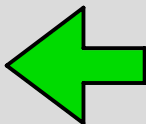
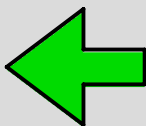


Installation of b.safe Wall Mount

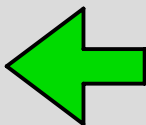
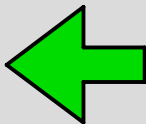




Top



Front

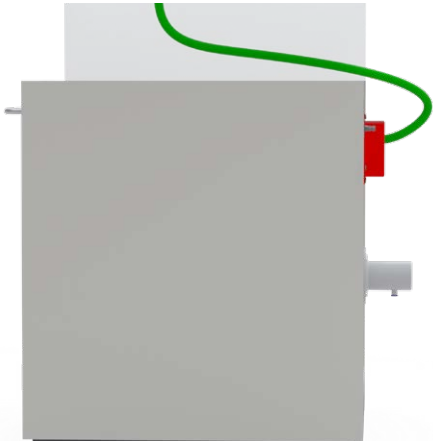


Tube installation

Tube outside b.safe safety cabinet



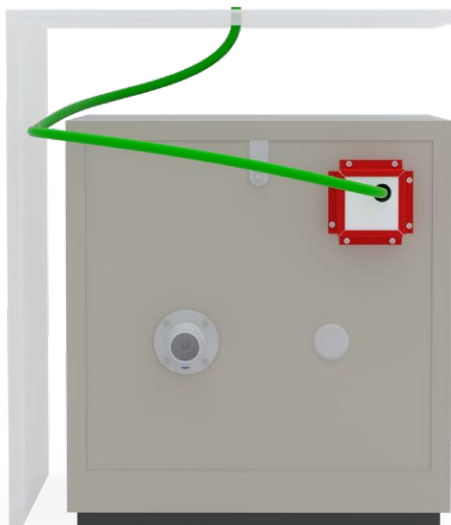
Recommended
Side View



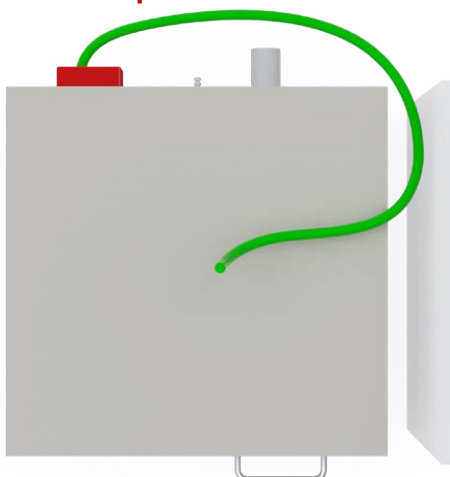
not recommended



Rear View



Top View



Tube installation

Tube inside b.safe safety cabinet

In order to ensure a lasting reliability of your system, it is important to position the tubing correctly (especially outside the safety cabinet). Pay attention that the tubing does not hang through forming a pouch and that it is not kinked.

First, mount the screw joint at only one end of the tubing as shown in the manual and fix it at the fill unit (desktop mount or sink). Then lead the open end through the drilled hole inside the safety cabinet.

When pushing the cabinet into its final position, pay attention not to kink or clamp the tubing. To avoid that it hangs through, pull the tubing gently inside the cabinet until you feel a slight resistance. Now fix the tubing inside the safety cabinet, if necessary shorten it to the required length and mount the second screw joint.

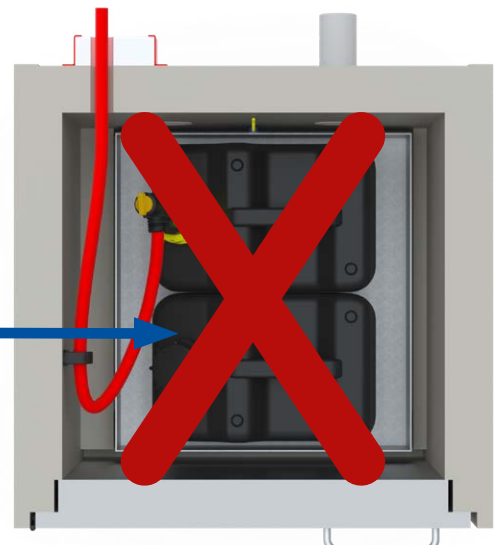
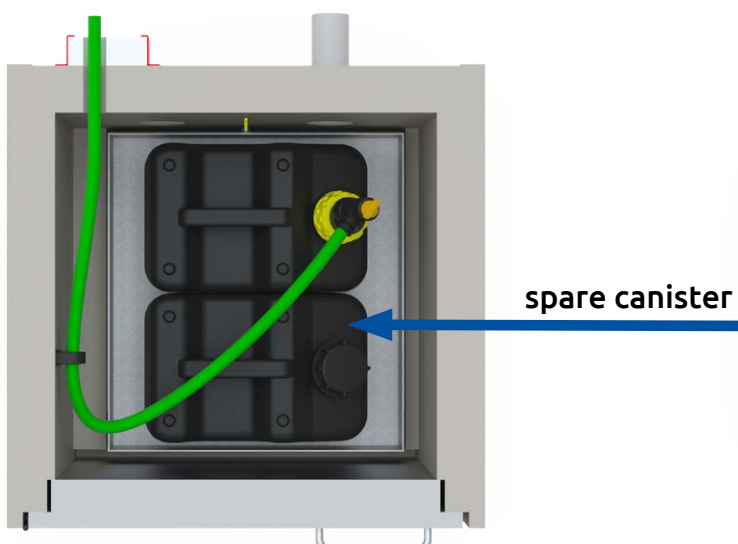
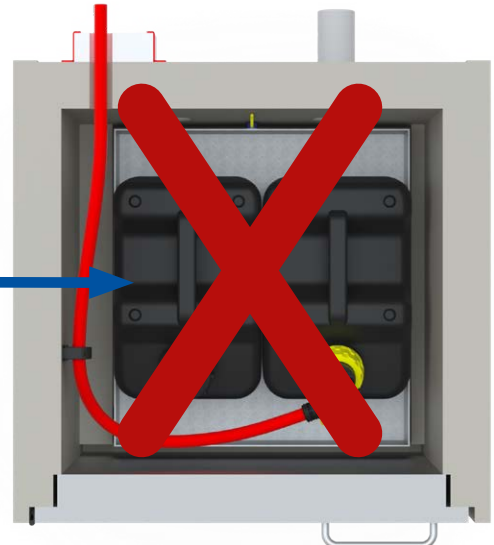
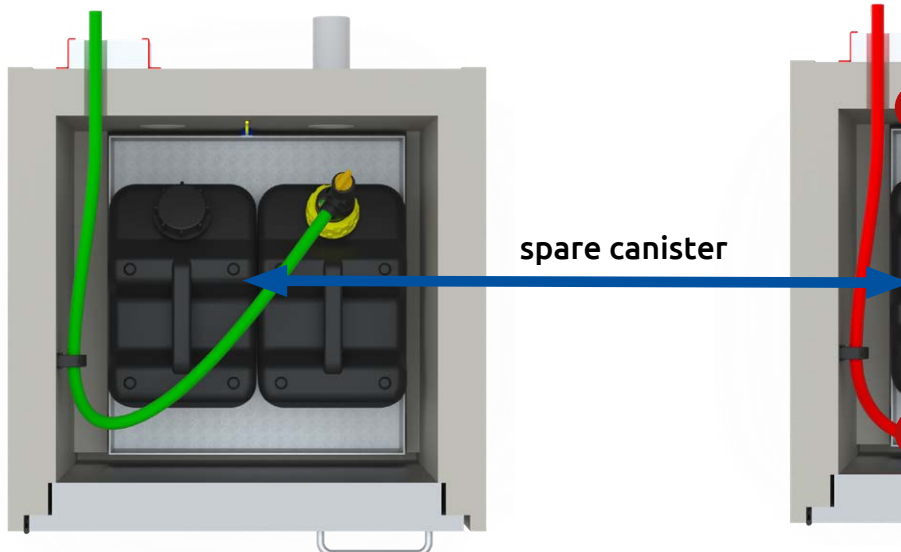
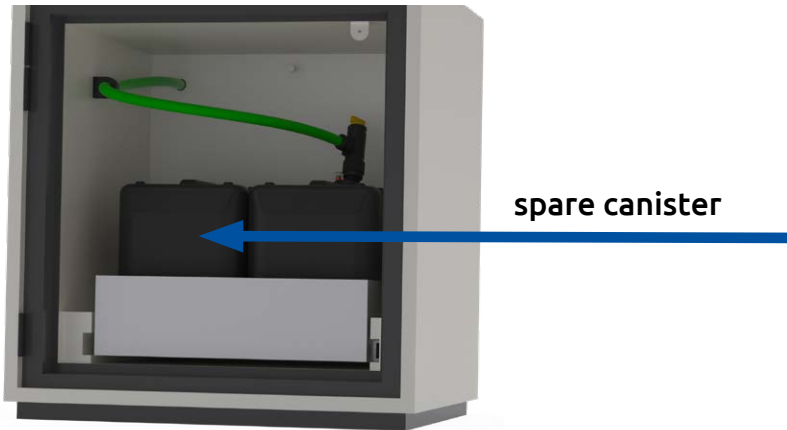
Tube inside b.safe safety cabinet



Recommended



not recommended



Safety Advice

Grounding

Always take care of suitable grounding measures during handling of flammable solvents. Ensure that your grounding point is as per VDE guidelines (or valid regulations in your country). Grounding points always have to be metallically bright, clean and dry. Make sure that earthing cables cannot be disconnected by mistake.

Important: Grounding may only be made by qualified personnel!

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