

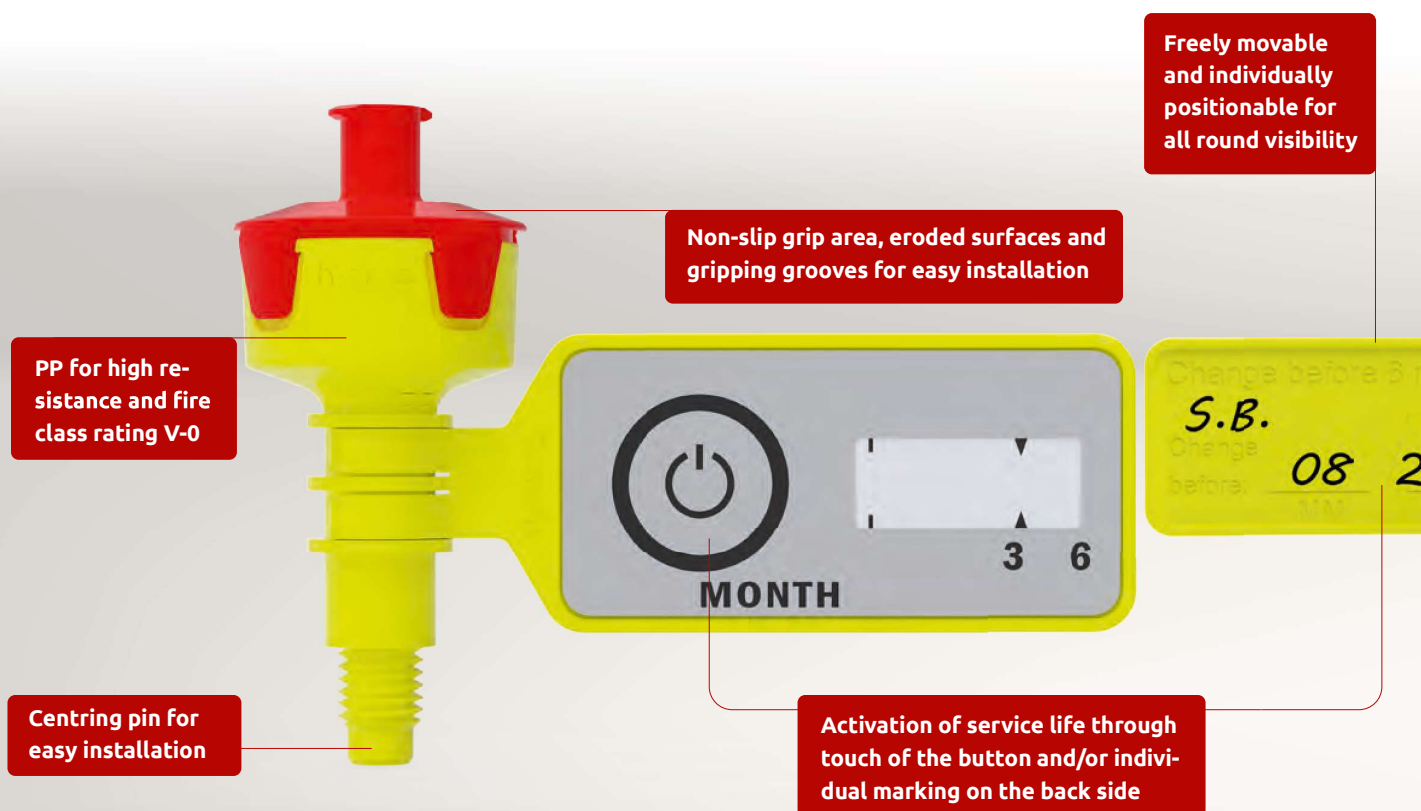
b.safe Air Valve HPLC

The handy b.safe Air Valve provides the necessary pressure compensation during solvent extraction. Furthermore, it restrains pollutant particles from the bottle content and lets flow as much ambient air as necessary through the lid and the inside PTFE membrane (pore size 1 µm) for guaranteed six months until exchange.

In order not to forget this, the Air Valve has a practical service life indicator with activation through the touch of the button as well as a title block for documentation in GMP/GLP regulated laboratories. The valve is easily mounted and demounted, even with gloves, through the large head, eroded surfaces, grooves and strongly connected parts.

The universal Luerlock connector offers diverse opportunities for special applications such as oxidation protection by filling the bottle with inert gases as well as the adaptation of dry tubes to maintain water-free eluent mixtures.

At least, the b.safe Air Valve made of PP offers high chemical resistances and a fire class rating V-0 as per UL 94.





Better b.safe

One click and the service life indicator is in place - perfectly visible from any position.

b.safe Air Valves

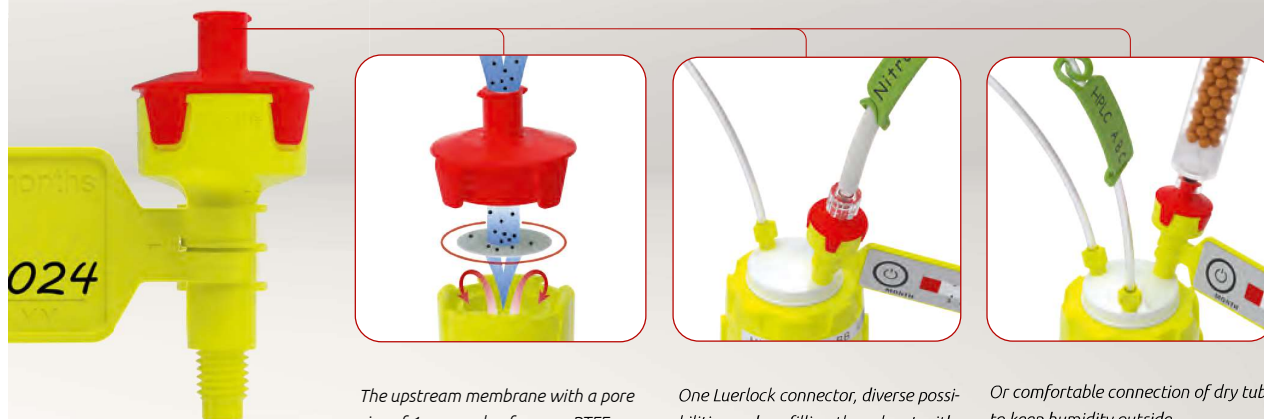
Material: **PP** | Temperature resistance: **0 °C to +110 °C** |
Chemical resistance: **++ very good**

Valve body made of PP with connection (thread UNF 1/4" 28G) suitable for b.safe Caps. Lid with aeration opening and Luerlock connector, integrated non-return valve with upstream porous PTFE membrane (1 µm), including plug-in service life indicator.

Packing unit	Service life	Cat. No.
2 pcs.	6 months	M 505-01
10 pcs.	6 months	M 505-02
50 pcs.	6 months	M 505-05
NEW 100 pcs.	6 months	M 505-10

Application:

For removal of eluents. The b.safe Air Valve is especially adapted to the flow rate in HPLC. The integrated non-return valve avoids evaporation of solvents and lets ambient air flow into the bottle in case of vacuum. The upstream porous PTFE membrane restrains pollutant particles and other contaminations from outside. The 6 months service life of the filter can be easily monitored through either activating the display on the cap and exchanging the valve in case of completely red colouring or documentation of the exchange date by hand and clip in the display at the valve.



The upstream membrane with a pore size of 1 µm made of porous PTFE effectively retains coarse and fine dust, as well as microorganisms carried by it and other impurities from the outside.

One Luerlock connector, diverse possibilities such as filling the solvent with gas to protect it from oxidation.

Or comfortable connection of dry tubes to keep humidity outside.