

Exchange now - for better protection!



The S.C.A.T. System protects you from solvent vapours and keeps your HPLC System clean.

Air valves and exhaust filters continually block the passage of vapour and dirt. When a filter becomes saturated, it can no longer absorb further particles.

So regularly exchange filters and valves - for optimum safety!



Air Ventilation Valves for SafetyCaps



317 010 **A**

Operational Lifetime **6 MONTHS**

Change after 6 months Change until

With Label for Notes

Why 6 Months?

The air ventilation valve is constructed for a maximum lifetime, when used with HPLC. The actual lifetime achieved is also dependent upon the nature of the solvents used, the surrounding air, the temperature and flowrate. As these factors can vary considerably, we recommend an exchange every 6 months, in order to ensure for problem-free operation.

397 010 **B**

Operational Lifetime **10x 6 MONTHS**

With Label for Notes

397 050 **C**

Operational Lifetime **50x 6 MONTHS**

With Label for Notes

Fig.	Part No.	Description	Operational Lifetime	Unit
A	317 010	Air ventilation valve for SafetyCaps	6 months	1
B	397 010	Air ventilation valve for SafetyCaps, Reserve Pack (10 pcs.)	10x 6 months	10
C	397 050	Air ventilation valve for SafetyCaps, Reserve Pack (50 pcs.)	50x 6 months	50

Exchange now!



**THE System
for Solvent Safety**

Exhaust Filters for SafetyWasteCaps

S.C.A.T. exhaust filters block damaging vapours and ensure for a safe equalization of pressure in the waste solvent collection containers of your HPLC systems.

Our active carbon is optimized for the absorption of organic solvent vapours and has been tested according to official ASTM/DIN/ISO test methods.



Why 6 months?

The exhaust filter is optimized for the absorption of solvent vapours from eluents, as typically used for HPLC. The actual lifetime of the filter is also dependent upon the composition of the waste material being produced, its temperature and flowrate. These factors can vary considerably from customer to customer, and/or according to the nature of the application. In order to be on the safe side, we recommend an exchange every 6 months, for optimum protection.

		Testmethode
Ball-Pan-Hardness (weight percent)	96 %	ASTM D 3802
Inner Surface Area	1.200 m ² /g	DIN ISO 9277
Shake Density	410 ± 30 kg/m ³	ASTM D 2854
CCl ₄ -Adsorption (weight percent)	70 %	ASTM D 5742
Grain Diameter	2 - 4 mm	ASTM D 2862
Weight of Residue (weight percent)	< 10 %	ASTM D 2866
Water Content (weight percent)	< 5 %	ASTM D 2867



Fig.	Part No.	Description	Operational Lifetime	Unit
D	390 914	Exhaust filter, Size M, V2.0, with spray protection and label for notes, Reserve Pack	2x 6 months	2
E	390 336	Exhaust filter, Size M, V2.0, with spray protection and exchange timer, Reserve Pack	2x 6 months	2