

# 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 adsorb further particles.

So regularly exchange filters and valves - for optimum safety!



## Air Ventilation Valves for SafetyCaps



Operational Lifetime  
**6**  
MONTHS

With Label for Notes

### Why exchange?

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.

Operational Lifetime  
**6**  
MONTHS

Part No.	Description	Operational Lifetime	Unit
317 010	Air ventilation valve for SafetyCaps	6 months	1
397 008	Air ventilation valve for SafetyCaps, Reserve Pack (8 pcs.)	8x 6 months	8
397 010	Air ventilation valve for SafetyCaps, Reserve Pack (10 pcs.)	10x 6 months	10
397 050	Air ventilation valve for SafetyCaps, Reserve Pack (50 pcs.)	50x 6 months	50
397 100	Air ventilation valve for SafetyCaps, Reserve Pack (100 pcs.)	100x 6 months	100

# Exchange now!

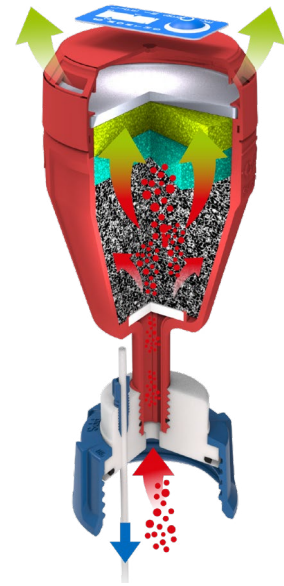


**THE System  
for Solvent Safety**

## Exhaust Filters for SafetyWasteCaps

S.C.A.T. exhaust filters block off harmful vapours and ensure for safe pressure equalization in the waste containers of HPLC systems. Our core active carbon has been optimized for taking up organic solvent vapours and **has been tested, using official ASTM/DIN/ISO test methods.**

		Test method
Ball-Pan-Hardness (weight percent)	96 %	ASTM D 3802
Inner Surface Area	1,500 m <sup>2</sup> /g	DIN ISO 9277
Shake Density	415 ± 30 kg/m <sup>3</sup>	ASTM D 2854
CTC-Adsorption (weight percent)	> 90 %	ASTM D 3467
Grain Diameter	1,4 - 3 mm	ASTM D 2862
Weight of Residue (weight percent)	max. 5 %	ASTM D 2866
Water Content (weight percent)	max. 5 %	ASTM D 2867



### Why exchange?

The exhaust filter is optimized for the adsorption 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 3 (S); 6 (M); 12 (L) months, for optimum protection.



### Change indicator

Just push to activate!



## 1 Year of Safety - with price advantage!

490 335

**A**



Operational Lifetime  
**12 MONTHS**

**S**

490 336

**B**



Operational Lifetime  
**12 MONTHS**

**M**

You save 28%\*

407 986

**C**



Operational Lifetime  
**12 MONTHS**

**L**

You save 35%\*

Fig.	Part No.	Description	Operational Lifetime	Unit
-	410 534	Exhaust filter S, V3.0, with splash guard and change indicator	3 months	1
<b>A</b>	490 335	Exhaust filter S, V3.0, economy package, with splash guard and change indicator	4x 3 months	4
-	410 535	Exhaust filter M, V3.0, with splash guard and change indicator	6 months	1
<b>B</b>	490 336	Exhaust filter M, V3.0, economy package, with splash guard and change indicator	2x 6 months	2
<b>C</b>	407 986	Exhaust filter L, V3.0, with splash guard and change indicator	12 months	1
-	490 986	Exhaust filter L, V3.0, economy package, with splash guard and change indicator	2x 12 months	2

\*As compared to the exchange pack, Size S.