

GreenLine

- ✓ Visibly sustainable – setting an example
- ✓ Full regulatory compliance
- ✓ PFAS-free into the future



Responsibility begins at the bottleneck

In times of increasing regulatory requirements and rising expectations for sustainable practices, laboratory managers, safety officers, and environmental managers must make clear decisions. With GreenLine Safety Caps, you can clearly demonstrate that your laboratory is taking responsibility—visibly, safely, and with an eye to the future.

Why GreenLine?

GreenLine Safety Caps stand for a conscious decision to **avoid PFAS** without compromising on quality and safety. While conventional closures are based on **PTFE**, a representative of the so-called “forever chemicals,” GreenLine relies on **PEEK**, a completely **fluorine-free** high-performance plastic with excellent chemical and thermal properties.



✓ Full regulatory safety

No risk from upcoming PFAS bans.

✓ 1:1 Compatibility

Seamless replacement of existing Safety Caps without any modifications to your HPLC systems.

✓ Technical strength & sustainable material

- PEEK core
- The entire Safety Cap is PFAS-free / fluorine-free
- Hermetically sealed
- Safe solvent supply

✓ Visibly sustainable – make a statement

With their green color, GreenLine Safety Caps are immediately recognizable – not just as a new product, but as a **statement**. They show that this laboratory takes **responsibility**, thinks **ahead**, and **actively** shapes a **PFAS-free** future.

✓ High-performance plastic PEEK

GreenLine relies on the high-performance plastic **PEEK**: fluorine-free, inert towards solvents, flame-retardant, and sterilizable. A conscious decision to avoid PFAS, without compromising on quality and safety.

✓ For laboratories that want more

- Ideal for companies with sustainability goals
- Perfect for markets with strict regulations
- Recommended for environmental and safety officers seeking solutions – no compromises

Make the switch now – show responsibility visibly!

GreenLine Safety Caps are now available. Switch early and make your transition to a **PFAS-free laboratory environment visible** – for your colleagues, your company, and the environment.

Safety Caps GreenLine

When a Safety Cap is said to be suitable for PFAS (Poly- and Perfluoroalkyl Substances) analysis, it means that the cap is designed for use in tests that aim to detect the presence of fluorine in a substance. In this context, it would make sense for the cap not to contain fluorine, as the presence of PFAS (-> in this case PTFE) in the cap could potentially interfere with the accuracy of the analysis.

Therefore, SCAT offers Safety Caps with a polyetheretherketone (PEEK) core, which is free from PFAS to ensure the accuracy of PFAS testing without interference from the cap material. The same story is, with the fittings: Normally they are made out of PFA (which contain fluorine), for this special cap they are made out of PE, which means without PFAS. This is particularly important for laboratories and industries involved in PFAS analysis, where precision and the absence of contamination are crucial.

A 407 019



PE-Fittings

- PFAS-free material
- Tight connection of the capillaries
- Excellent chemical resistance
- **NEW design** for comfortable screw-in by hand

PEEK-Core

- PFAS-free material
- Excellent durability
- Food safe
- FDA compliant

B 407 910



C 407 410



D 407 520



Fig.	Part No.	Description	Thread	Material	Capillary Connections	Unit
A	407 019	Safety Cap I, GL 45, GreenLine	GL 45	PEEK	1x	1
-	407 909	Safety Cap II, GL 45, GreenLine	GL 45	PEEK	2x	1
B	407 910	Safety Cap III, GL 45, GreenLine	GL 45	PEEK	3x	1
C	407 410	Safety Cap IV, GL 45, GreenLine	GL 45	PEEK	4x	1
D	407 520	Safety Cap VI, GL 45, GreenLine	GL 45	PEEK	6x	1

HPLC Starter Kits GreenLine

A 499 200



✓ Plug & Play for 4 Bottles

Save yourself the trouble of putting together a configuration! The starter kits are available in 3 versions, suitable for most HPLC applications.

✓ Flexible Connections

If you do not need some of the connections, seal them with the corresponding blind plugs. This prevents any open spaces from forming.

✓ Price Advantage

Compared to individual safety caps, the set is significantly cheaper. Request your individual quote now: www.scats-europe.com

B 499 201



C 499 202



D 499 204



Fig.	Part No.	Description	Thread	Material	Unit
A	499 200	HPLC Starter Kit I, PEEK - Supply, GreenLine	GL 45	PEEK	1
B	499 201	HPLC Starter Kit II, PEEK - Supply, GreenLine	GL 45	PEEK	1
C	499 202	HPLC Starter Kit III, PEEK - Supply, GreenLine	GL 45	PEEK	1
-	499 203	HPLC Starter Kit IV, PEEK - Supply, GreenLine	GL 45	PEEK	1
D	499 204	HPLC Starter Kit VI, PEEK - Supply, GreenLine	GL 45	PEEK	1

Accessories & Consumables

GreenLine



Fig.	Part No.	Description	Unit
A	417 010	Air Valve, GreenLine, UNF 1/4" 28G, Service Life 6 month	1
B	497 008	Air Valve, GreenLine, UNF 1/4" 28G, Service Life 6 month	8
C	497 010	Air Valve, GreenLine, UNF 1/4" 28G, Service Life 6 month	10
D	497 050	Air Valve, GreenLine, UNF 1/4" 28G, Service Life 6 month	50
E	497 100	Air Valve, GreenLine, UNF 1/4" 28G, Service Life 6 month	100
F	407 063	PE Fitting with integrated Ferrule, 3.2 mm ID, UNF 1/4" 28G	5
G	407 059	PE Fitting with integrated Ferrule, 2.3 mm ID, UNF 1/4" 28G	5
H	407 061	PE Fitting with integrated Ferrule, 1.6 mm ID, UNF 1/4" 28G	5
I	460 502	Blind plug for capillary connection UNF 1/4" 28G, PE, colorless	5
-	460 501	Blind plug for capillary connection UNF 1/4" 28G, PE, colorless	10



SCAT - Europe GmbH

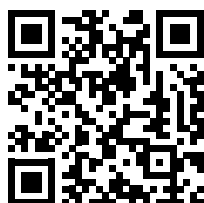
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