



CAPS AND CLOSURES

Caps, Solid, GL- 45 Threads, Polypropylene Color Caps

Solid polypropylene caps with a molded in lip seal. All color caps can be autoclaved in steam to 140°C.



Catalog No.	Description	Color	Pack Type
CS-CP45-BL	Cap, GL-45, Blue, Solid, Polypropylene	Blue	Each
CS-CP45-GR	Cap, GL-45, Green, Solid, Polypropylene	Green	Each
CS-CP45-OR	Cap, GL-45, Orange, Solid, Polypropylene	Orange	Each
CS-CP45-PR	Cap, GL-45, Purple, Solid, Polypropylene	Purple	Each

Polypropylene Cap with Liner

F217 has a low density foam core between two solid layers of LDPE. Uses include analytical lab samples, high purity chemicals, strong acids solvents, environmental samples, pharmaceuticals, and diagnostic reagents.



Catalog No.	Description	Liner	Cap Size	Pack Type
CS-PF-28400	White Ribbed Polypropylene Cap, Neck finish	F-217	28/400	600
CS-PT-28400	White Ribbed Polypropylene Cap, Neck finish	PTFE/Polyethylene	28/400	Each
CS-PV-20400	White Ribbed Polypropylene Cap, Neck finish	Pulp/Vinyl	20/400	5000
CS-PV-22400	White Ribbed Polypropylene Cap, Neck finish	Pulp/Vinyl	22/400	4700

Polypropylene Closures

The white polypropylene smooth, unlined caps are available in a type of sizes. Match the cap code of the white plastic unlined caps with our selection of vials for correct compatibility. be sure to also test all products with cap/vials combinations for compatibility purposes. we provide many vials options to suit these plastic caps.



Catalog No.	Description	Cap Type	Cap Size	Pack Type
CS-83-13415C	Polypropylene Screw-Top Closures, Clear GPI	Clear Polypropylene	13-415	1000
CS-83-15415	White Polypropylene Screw-Top Closures, GPI	White Polypropylene	15-415	1000
CS-83-18415C	Polypropylene Screw-Top Closures, Clear GPI	Clear Polypropylene	18-415	500

Closure and Septa for EPA Vials

24-400 screw top caps and 22mm septa are pre-assembled to reduce contamination and save time.



Catalog No.	Septum Thickness	Septa	Neck Finish	Cap Colour	Cap Type	Pack Type
CS-SP1001-24	1.5 (0.06in) mm	Natural PTFE / Clear Silicone	24-400 Screw Thread	White	Open Top,PP	Each
CS-SP1002-24	3.0 (0.125in) mm	Natural PTFE / Clear Silicone	24-400 Screw Thread	White	Open Top,PP	Each
CS-SP1003-24	1.5 (0.06in) mm	Natural PTFE / White Silicone	24-400 Screw Thread	White	Open Top,PP	Each
CS-SP1004-24	3.0 (0.125in) mm	Natural PTFE / White Silicone	24-400 Screw Thread	White	Open Top,PP	Each

Three Port Adapter / Insert with GL45 Cap Attachment

Three port adapter that contains PTFE insert and blue polypropylene screw cap. The cap is inserted onto the glass bottles that have neck size of GL45.



Catalog No.	Description	Pack Type
274-3H-GL45	Three (3) Port Adapter / Insert with GL45 Cap Attachment	Each

Phenolic Closures with Cemented-in PTFE-Faced White Rubber Liner

Closure is formed of a special phenolic material tolerant against the results of temperature and steam encountered during autoclaving process. Bonded-in polytetra-fluoroethylene (PTFE) faced liner is provided. cement used to retain its adhesive properties during autoclaving process. Designed from ASTM Specification E982. Excellent for general laboratory use. Specially formulated polymer and liner adhesive to resist the results of multiple autoclaving PTFE faced liners are highly tolerant to chemical effects Identified in ASTM Specification E982, Class A requirements



Catalog No.	Description	Cap Size	Cap Type	Liner	Pack Type
CS-9066-13415	Black Phenolic Screw-Top Closures	13-415	Black Phenolic	Cemented-in PTFE-Faced White Rubber	100
CS-9066-15415	Black Phenolic Screw-Top Closures	15-415	Black Phenolic	Cemented-in PTFE-Faced White Rubber	100
CS-9066-18415	Black Phenolic Screw-Top Closures	18-415	Black Phenolic	Cemented-in PTFE-Faced White Rubber	100
CS-9066-22400	Black Phenolic Screw-Top Closures	24-410	Black Phenolic	Cemented-in PTFE-Faced White Rubber	100

Phenolic Closures with Cemented-in White Rubber Liners

Phenolic Screw Top Closures with Cemented in white rubber liners

Available in Cap Size 13-415, 15-415, 18-415, 24-410



Catalog No.	Description	Cap Size	Cap Type	Liner	Pack Type
CS-9065-13415	Black Phenolic Screw-Top Closures	13-415	Black Phenolic	Cemented-in White Rubber	100
CS-9065-15415	Black Phenolic Screw-Top Closures	15-415	Black Phenolic	Cemented-in White Rubber	100
CS-9065-18415	Black Phenolic Screw-Top Closures	18-415	Black Phenolic	Cemented-in White Rubber	100
CS-9065-24410	Black Phenolic Screw-Top Closures	24-410	Black Phenolic	Cemented-in White Rubber	100

Phenolic Closures with Cemented-in White Rubber Liners

Phenolic Closures with Cemented in White Rubber Liners for Dram Vials

Available in cap sizes 8-425, 13-425, 15-425, 18-400, 20-400, 22-400, 24-400



Catalog No.	Cap Size	Cap Type	Liner	Pack Type
CS-9065-08425	8-425	Black Phenolic	White Rubber	Each
CS-9065-13425	13-425	Black Phenolic	White Rubber	Each
CS-9065-15425	15-425	Black Phenolic	White Rubber	Each
CS-9065-18400	18-400	Black Phenolic	White Rubber	Each
CS-9065-20400	20-400	Black Phenolic	White Rubber	Each
CS-9065-22400	22-400	Black Phenolic	White Rubber	Each
CS-9065-24400	24-400	Black Phenolic	White Rubber	Each

Phenolic Closures with Cemented-in White Rubber Liners

Phenolic Closures with cemented in white rubber liners

available in cap sizes 8-425, 13-425, 15-425, 18-400, 20-400, 24-400



Catalog No.	Cap Size	Cap Type	Liner	Pack Type
CS-9066-08425	8-425	Black Phenolic	PTFE-Faced Rubber	Each
CS-9066-13425	13-425	Black Phenolic	PTFE-Faced Rubber	Each
CS-9066-15425	15-425	Black Phenolic	PTFE-Faced Rubber	Each
CS-9066-18400	18-400	Black Phenolic	PTFE-Faced Rubber	Each
CS-9066-20400	20-400	Black Phenolic	PTFE-Faced Rubber	Each
CS-9066-24400	24-400	Black Phenolic	PTFE-Faced Rubber	Each

Phenolic Closures with Polyvinyl-Faced Pulp Liner



Catalog No.	Cap Size	Cap Type	Liner	Pack Type
CS-9025-08425	8-425	Black Phenolic	Polyvinyl Pulp-Faced	-
CS-9025-13425	13-425	Black Phenolic	Polyvinyl Pulp-Faced	-
CS-9025-15425	15-425	Black Phenolic	Polyvinyl Pulp-Faced	Each
CS-9025-18400	18-400	Black Phenolic	Polyvinyl Pulp-Faced	Each
CS-9025-20400	20-400	Black Phenolic	Polyvinyl Pulp-Faced	-
CS-9025-22400	22-400	Black Phenolic	Polyvinyl Pulp-Faced	Each
CS-9025-24400	24-400	Black Phenolic	Polyvinyl Pulp-Faced	Each

Phenolic Closures with PE Poly-Sealb™ Cone Liner



Catalog No.	Cap Size	Cap Type	Liner	Pack Type
CS-9037-08425	8-425	Black Phenolic	Polycone	Each
CS-9037-13425	13-425	Black Phenolic	Polycone	Each
CS-9037-15425	15-425	Black Phenolic	Polycone	Each
CS-9037-18400	18-400	Black Phenolic	Polycone	Each
CS-9037-20400	20-400	Black Phenolic	Polycone	Each
CS-9037-22400	22-400	Black Phenolic	Polycone	Each
CS-9037-24400	24-400	Black Phenolic	Polycone	Each

High Temperature Caps, Solid, PBTE, PTFE Seals

High temperature PBTE cap will withstand temperature from -45 to 200°C. Complete with PTFE seal.



Catalog No.	Description	Pack Type
CS-1486-32	High Temperature Caps, Solid, PBTE, PTFE seals, GL-32	Each
CS-1486-45	High Temperature Caps, Solid, PBTE, PTFE seals, GL-32	Each

Screw Thread Caps and Septa for Chromatography Vials

Ready for use combination seals. No time consuming and tricky assembly. Caps and septa are pre-assembled to reduce contamination during sample preparation. Suitable for most chromatography applications. Available open top screw caps with 8-425, 9-425, 10-425, and 13-425 thread. Broad variety of different septa materials for most applications. Already pre-assembled seal with PRE slit/Bonded and standard septa available. Screw caps are pre-assembled for convenient use and are compatible with CTC PAL and Thermo TriPlus auto samplers. It comes with 1mm thick, Silicone/PTFE septa that can be inserted in these screw caps.



Catalog No.	Cap Type	Neck Finish	Septa	Septum Thickness	Cap Colour
CS-CS08	Open Top, Screw Ribbed	8-425	White PTFE/Red Silicone	1.5 (0.06in) mm	Black
CS-CS08P	Open Top, Screw Ribbed	8-425	PRE-SLIT, Red PTFE / White Silicone	1.5 (0.06in) mm	Black
CS-CS09	Open Top, Screw Ribbed	9-425	White PTFE/Red Silicone	1.0 (0.04in) mm	Blue
CS-CS09-P	Open Top, Screw Ribbed	9-425	PRE-SLIT Blue PTFE / White Silicone	1.0 (0.04in) mm	Blue
CS-CS09-BS	Open Top, Screw Ribbed	9-425	Bonded, White PTFE / Red Silicone	1.0 (0.04in) mm	Blue
CS-CS10	Open Top, Screw Ribbed	10-425	Red PTFE/White Silicone	1.5 (0.06in) mm	Black
CS-CS10-P	Open Top, Screw Ribbed	10-425	PRE-SLIT Blue PTFE / White Silicone	1.0 (0.04in) mm	Blue
CS-CS013	Open Top, Screw Ribbed	13-425	White PTFE/Red Silicone	1.5 (0.06in) mm	Black
CS-CS013P	Open Top, Screw Ribbed	13-425	PRE-SLIT, Red PTFE / White Silicone	1.5 (0.06in) mm	Black

Crimp Top Seals (20mm) for Headspace Vials

Aluminum crimp caps are sealed tightly to reduce sample evaporation. Pre-assembled 11mm aluminum crimp caps and septa are economical and they are convenient to use and remove easily with crimping tools. PTFE silicone septa have a durable seal.



Catalog No.	Size	Hole Size	Cap Type	Septum Thickness	Septa
CS-C0001012	20.2 mm	10.0 mm	Aluminum Crimp Cap	3.0 (0.12in) mm	Grey PTFE/Butyl
CS-SP1003-20	20.0 mm	10.0 mm	Aluminum Crimp Seal, Open Top	3.0 (0.12in) mm	White PTFE / White Silicone
CS-SP2002-20B	20.0 mm	8.0 mm	Blue Bimetallic Magnetic Crimp, Open Top	3.0 (0.12in) mm	Tan PTFE / White Silicone
CS-SP2002-20R	20.0 mm	8.0 mm	Red Bimetallic Magnetic Crimp, Open Top	3.0 (0.12in) mm	Tan PTFE / White Silicone

Screw Thread Caps (18mm) for Headspace Vials

Aluminum crimp caps are sealed tightly to reduce sample evaporation. Pre-assembled 11mm aluminum crimp caps and septa are economical and they are convenient to use and remove easily with crimping tools. PTFE silicone septa have a durable seal.



Catalog Number	Cap Type	Neck Finish	Septa	Septum Thickness	Cap Color	Pack Type
CS-SP1001-18	Open Top Magnetic Precision Metal	18mm Screw Thread	Blue PTFE/White Silicone	1.5 (0.6in) mm	Silver	100

Crimp Top Seals (ND11) for Chromatography Vials

Aluminum crimp caps are sealed tightly to reduce sample evaporation. Pre-assembled 11mm aluminum crimp caps and septa are economical and they are convenient to use and remove easily with crimping tools. PTFE silicone septa have a durable seal.



Catalog No.	Cap Type	Neck Finish	Septa	Septum Thickness	Cap Colour	Pack Type
CS-C0000166	Open Top	11mm Crimp	Red PTFE/White Silicone/Red PTFE	1.0m (0.04in) mm	Silver	100
CS-C0000980	Open Top	11mm Crimp	Pre-Slit Clear PTFE/Orange Silicone	1.0m (0.04in) mm	Silver	-
CS-CPS11	Open Top	11mm Crimp	White PTFE/Red Silicone	1.0m (0.04in) mm	Silver	100
CS-CPS11-RB	Open Top	11mm Crimp	Natural Rubber Septa	1.0m (0.04in) mm	Silver	100

Snap Top Seals (ND11) for Chromatography Vials

Pre-assembled caps and septa reduce contamination and easier to apply and remove. Compatible with HPLC and GC auto-samplers. Pre-slit septa are pierced with needles.



Catalog No.	Cap Type	Neck Finish	Septa	Septum Thickness	Cap Colour	Pack Type
CS-SCS11	Open Top	11mm Snap Seal	Red PTFE / White Silicone	1.0m (0.04in) mm	Clear	-
CS-SCS11P	Open Top	11mm Snap Seal	PRE-SLIT Red PTFE / White Silicone	1.0m (0.04in) mm	Clear	Each

GL Caps With Aperture

Open top cap for use with GL screw threads. The cap combined with the CS-197 sealing ring will accommodate tubing of the listed diameter. Cap is made from PBT (thermoplastic polyester) and will withstand temperatures from -45 to 200° C.



Catalog No.	Description	Pack Type
CS-GL-14	GL-14 Cap with 9.5mm Aperture	Each
CS-GL-18	GL-18 Cap with 11mm Aperture	Each
CS-GL-25	GL-25 Cap with 15mm Aperture	Each
CS-GL-32	GL-32 Cap with 20mm Aperture	Each
CS-GL-45	GL-45 Cap with 34mm Aperture	Each

Silicone Sealing Rings for GL Threads

Seal is made from silicone with a vulcanized PTFE washer having an aperture to fit the listed tubing size. For use with CG-195 cap.



Catalog No.	Description	O.D.	Pack Type
CS-197-CL32	Silicone Sealing Ring, fits GL-32 Cap, fits tubing	11.0 to 13.0 mm	Each
CS-197-GL25	Silicone Sealing Ring, fits GL-25 Cap, fits tubing	11.0 to 13.0 mm	Each
CS-197-GL45	Silicone Sealing Ring, fits GL-45 Cap, fits tubing	25.0 to 27.0 mm	Each
CS-197-GL14	Silicone Sealing Ring, fits GL-14 Cap, fits tubing	5.5 to 6.5 mm	Each
CS-197-GL18	Silicone Sealing Ring, fits GL-18 Cap, fits tubing	5.5 to 6.5 mm	Each
CS-197-GL25-9	Silicone Sealing Ring, fits GL-25 Cap, fits tubing	7.5 to 9.0 mm	Each
CS-197-GL18-9	Silicone Sealing Ring, fits GL-18 Cap, fits tubing	9.0 to 11.0 mm	Each

Pouring Rings, GL-45, Polypropylene

Clear Polypropylene Pour Rings to be used with GL 45 media bottles and flasks. Pour rings are made from clear drip-free polypropylene
Maximum temperature: 140°C



Catalog No.	Description	Pack Type
CS-PR-45-PP	Pouring Ring Only, Polypropylene, GL-45	Each

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