

Thermo Scientific Choice Sample Handling Products

Delivering Consistent Results When Value Matters

Thermo Scientific Choice Sample handling products are economical, high-quality products used for standard chromatography applications, enabling you to provide consistent results.

Choice vials are available in clear and amber glass, and in a range of different finish types. Choice caps are available with several different septa materials to meet your application requirements.

Thermo Scientific Choice 9mm Screw Vials and Closures

Thermo Scientific Choice 9mm Screw Vials and Closures					
Type	Color	Finish	Specifications	Part number	Pack Size
2mL Screw Vials	Clear	9mm	2mL No ID Patch	CHSV9-10	100
	Clear	9mm	2mL ID Patch	CHSV9-10P	100
	Amber	9mm	2mL ID Patch	CHSV9-20P	100
Screw Caps for 2mL Vials	Blue	9mm	Natural Rubber/TEF Septa, 60°Shore, 1mm	CHSC9-10	100
	Blue	9mm	RedRubber/PTFE Septa, 45°Shore, 1mm	CHSC9-20	100
	Blue	9mm	White Silicone/PTFE Septa, 55°Shore, 1mm	CHSC9-30	100
	Blue	9mm	White Silicone/PTFE Septa, 55°Shore, 1mm, Pre-Slit	CHSC9-40	100
	Blue	9mm	Bonded Silicone/PTFE Septa, 45°Shore, 1mm	CHSC9-35UB	100
	Blue	9mm	Bonded Silicone/PTFE Septa, 45°Shore, 1mm, Pre-Slit	CHSC9-35UBS	100

Thermo Scientific Choice 11mm Crimp Vials and Closures

Thermo Scientific Choice 11mm Crimp Vials and Closures					
Type	Color	Finish	Specifications	Part number	Pack Size
2mL Crimp Vials	Clear	11mm	2mL No ID Patch	CHCV11-10	100
	Clear	11mm	2mL ID Patch	CHCV11-10P	100
	Amber	11mm	2mL ID Patch	CHCV11-20P	100
Crimp Caps for 2mL Vials	Silver	11mm	Natural Rubber/TEF Septa, 60°Shore, 1mm	CHCC11-10	100
	Silver	11mm	White Silicone/PTFE Septa, 55°Shore, 1mm	CHCC11-30	100

Thermo Scientific Choice 20mm Crimp Vials and Closures

Thermo Scientific Choice 20mm Crimp Vials and Closures					
Type	Color	Finish	Specifications	Part number	Pack Size
20mL Crimp Vial	Clear	20mm	Headspace Vial, Square Crimp Top, 75.5x22.5mm, Round Bottom	CHCV20-14	100
Crimp Caps for 20mL Vials	Silver	20mm	Grey Butyl Rubber/Dark Grey PTFE Molded Septa, 50°Shore, 3mm	CHCC20-1	100
	Silver	20mm	Blue Transparent Silicone/White PTFE Septa, 45°Shore, 3mm	CHCC20-2	100
	Gold	20mm	Grey Butyl Rubber/Dark Grey PTFE Molded Septa, 50°Shore, 3mm	CHCC20-1M	100
	Gold	20mm	Blue Transparent Silicone/White PTFE Septa, 45°Shore, 3mm	CHCC20-2M	100

Specifications, Applications and Chemical Incompatibilities

Natural Rubber/TEF Septa

- Economic option
- Recommended option for several injections out of one sample vial
- Not as easy to penetrate as Red Rubber/PTFE
- Temperature stability -40°C to 120°C

Applications:

- General GC applications
- Robust methods with FID, TCD or FPD detection

Red Rubber/PTFE Septa

- Recommended option for thin GC needles
- Good re-sealability and excellent chemical inertness prior to puncture
- Temperature stability -40°C to 110°C

Applications:

- Routine GC applications
- Robust methods with FID, TCD or FPD detection

Silicone/PTFE Septa

- Option with lowest extractables
- Recommended option for applications which require low background
- Temperature stability -40°C to 120°C

Applications:

- General HPLC applications
- Robust methods with UV/Vis or RI detection

Pre-Slit Septa

- Recommended option for thick and blunt needles
- Recommended for analysis of high volumes (vacuum release)
- Lower chemical resistance compared to non-slitted septa

2mL Vials

- Total volume: 2mL
- Usable volume: 1.5mL
- Residual volume: 170µL

Amber vials

- Recommended for light sensitive analytes
- Glass provides low transmission rates for critical wavelengths

To order, contact your local sales representative