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Chromacol vial reference chart

There's a lot more that goes into our Chromacol GOLD vials than just samples

Innovative glass technology and unmatched analytical performance: specifically designed for trace level analyses and critical analytes prone to glass adsorption

Ever more sensitive chromatography and mass spectrometry systems demand reliable vials which can routinely deliver the ultimate purity grade and the lowest surface activity possible. Sample security and confidence in data integrity are paramount in trace level analysis and can only be achieved with the highest vial-glass quality.

You can maximize your analytical performance and have fewer failed assays with the Thermo Scientific™ Chromacol™ GOLD-Grade vials portfolio. The Chromacol GOLD portfolio contains the lowest levels of alkaline materials that provides the maximum degree of inertness to ensure that you get the ultimate results from your system. With a broad selection to choose from, the Chromacol GOLD portfolio are suitable for all instrument types

Low compound adsorption

Ultra-low adsorption glass surface for strongly adsorbing analytes and polar compounds. Highest recovery rates; with trisubstituted N-atoms, tertiary amines. With the lowest levels of alkaline materials for less glass-wall interactions, these products are suitable for trace level analysis.

Reduce cost of analysis

Achieve consistent and reproducible analysis of critical analytes during low detection limit assays and reduces the risk of run-stops during overnight analysis. Products fit perfectly into any autosampler.

Low surface activity

Reliable vials which can routinely deliver the ultimate purity grade and the lowest surface activity possible. Lowest alkaline content, for less glass-wall interactions. Ultra-low pH shift, due to the minimized surface activity.

Highest vial-glass quality

Sample security and confidence in data integrity are paramount in trace analysis. Chromacol GOLD vials are highly reproducible, increase sample security and integrity of analytical results, providing consistent peak heights and symmetry.

Innovative glass technology

The manufacturing conditions and the glass quality used to produce these products delivers the ultimate in purity and the lowest surface activity possible. Sample security and confidence in trace level analysis. Meets current USPs and Pharmacopeias.

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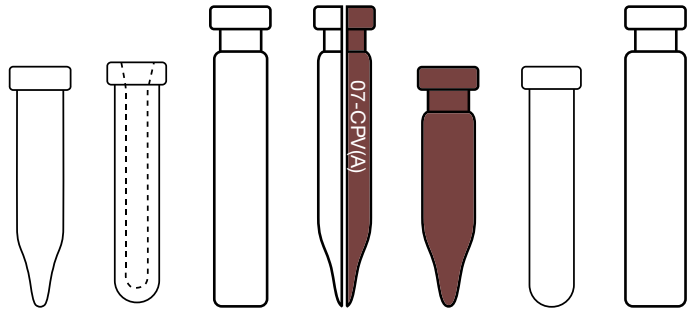
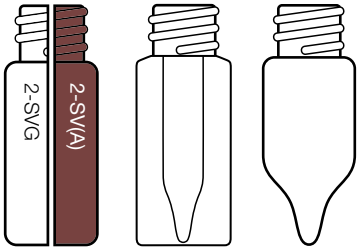
Chromacol vial comparison chart

8 mm crimp top vials



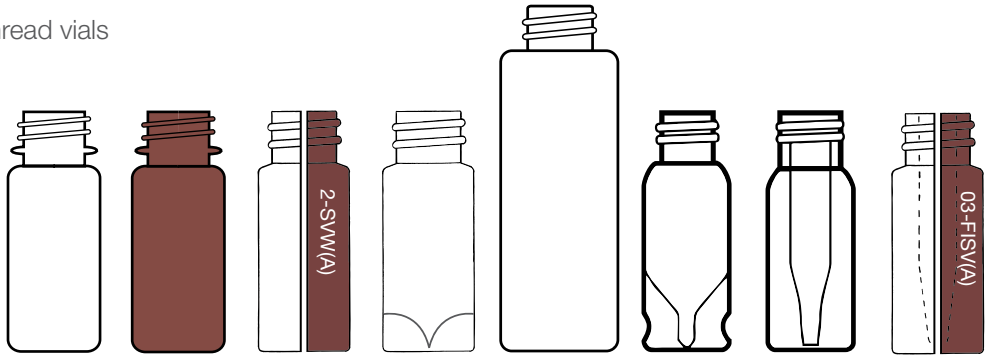
Part No.	02-CTVG	01-CVG	08-CPV	07-CPV	06-CTV(A)	03-CVG	1.2-CWV
Dimensions	6x32mm	6x32mm	7x40mm	7x40mm	7x32mm	6x32mm	8x40mm
Volume	200µL	80µL	650µL	450µL	550µL	250µL	1.2mL

8 mm screw thread vials (8-425)



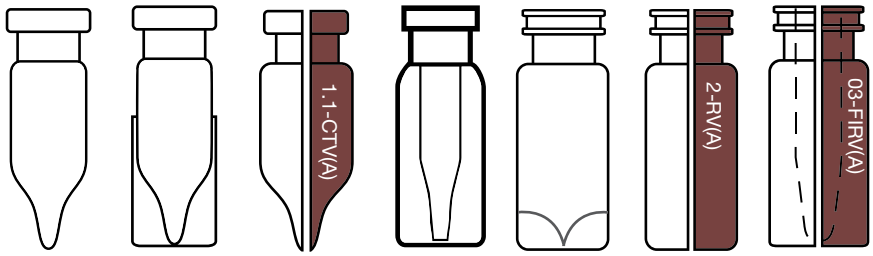
Part No.	2-SV	03-PPSV	1.1-STVG
Dimensions	12x32mm	12x32mm	12x32mm
Neck opening	5mm	5mm	6mm
Volume	2mL	300µL	1.2mL

9 mm screw thread vials

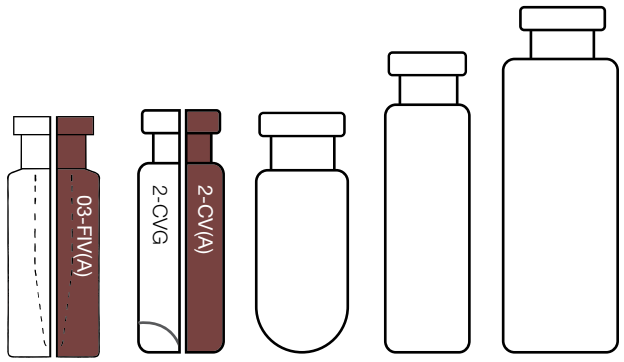


Part No.	2-SVWGK	2-SVWK(A)	2-SVW	1.5-HRSV	4-SVQ	1.2-UHRSV	02-FISVG	03-FISV
Dimensions	12x32mm	12x32mm	12x32mm	12x32mm	15x46mm	12x32mm	12x32mm	12x32mm
Neck opening	6mm	6mm	6mm	6mm	6mm	6mm	6mm	6mm
Volume	2mL	2mL	2mL	2mL	4mL	1.2mL	200µL	300µL

11 mm crimp / Thermo Scientific™ Snap It™ vials

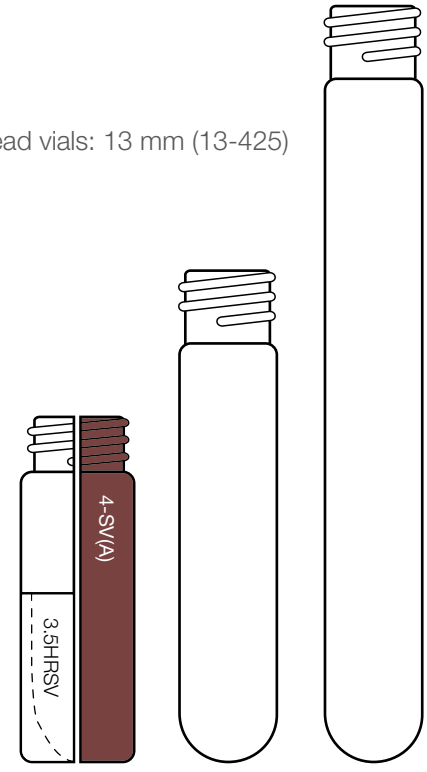


Part No.	09-CTV	09-FIV	1.1-CTVG	02-FIVG	1.5-HRRV	2-RV	03-FIRV
Dimensions	10x32mm	12x32mm	12x32mm	12x32mm	12x32mm	12x32mm	12x32mm
Neck opening	6mm	6mm	6mm	6mm	6mm	10mm	6mm
Volume	1.0mL	0.9mL	1.4mL	200µL	1.5mL	2mL	300µL



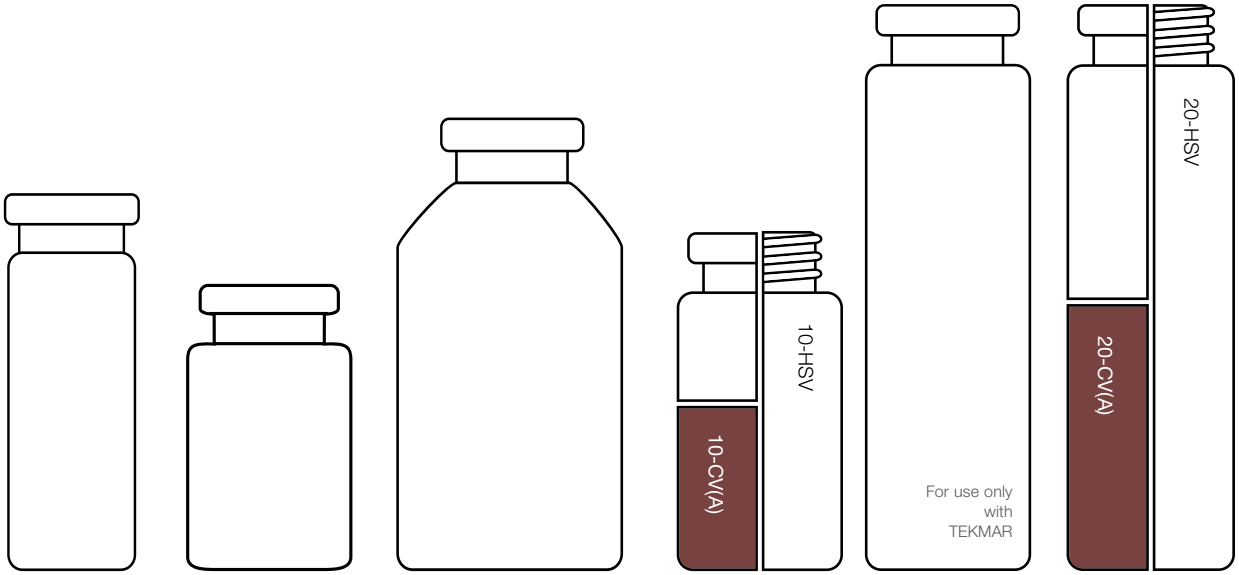
Part No.	03-FIV	2-CV	2-CRV	2.5-CV	4-CV
Dimensions	12x32mm	12x32mm	12x32mm	12x40mm	15x46mm
Neck opening	6mm	6mm	6mm	6mm	6mm
Volume	300µL	2mL	2mL	2.5mL	4mL

Screw thread vials: 13 mm (13-425)



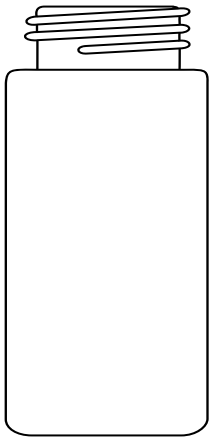
Part No.	4-SV	5-SV	10-SV
Dimensions	15x46mm	13x65mm	13x100mm
Neck opening	8mm	8mm	8mm
Volume	4mL	5mL	10mL

Headspace vials



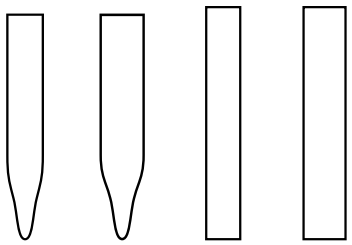
	9-CV	6-CV	27-CV	10-CV /10-HSV	22-CV	20-CV/20-HSV
Part No.						
Dimensions	18x50mm	22x38mm	30x60mm	22.5x46mm	22x75mm	22.5x75mm
Volume	9mL	6mL	27mL	10mL	20mL	20mL

EPA, TOC, and Scintillation Vials



	20-EPSVCA
Part No.	
Dimensions	27x57mm
Volume	20mL

Inserts



	02-MTV	02-MTVWG	02-NV	03-NV
Part No.				
Dimensions	5x30mm	6x30mm	5x31mm	6x31mm
Volume	200µL	200µL	250µL	300µL

Chromacol caps and septa comparison chart

8 mm crimp caps

Part No.	8-AC-ST15	8-AC-ST101	8-ACT	8-PEC1
Dimensions	8x5mm	8x5mm	8x5mm	8x5mm

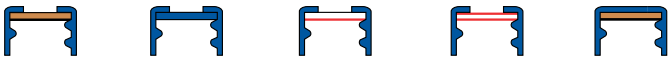
8 mm screw caps (8-425)

Part No.	*8-SC	*8-SCJ	8-SC-8RT1	8-SC-ST15
Dimensions	8x9mm	8x9mm	8x9mm	8x9mm

8 mm septa

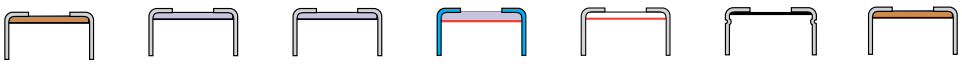
Part No.	8-ST14	8-ST14X	8-ST143	8-ST144	8-6RT1	8-ST101	8-T02	8-TST1	8-ST15
Dimensions	8x1.4mm	8x1.4mm	8x1.5mm	8x1.4mm	8x1mm	8x1mm	8x0.25mm	8x1mm	8x1.5mm

9 mm screw thread: AVCS caps

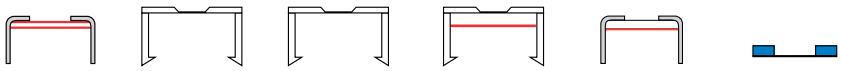


Part No.	*9-SCK(B)-8RT1	9-SCK(B) ST101	*9-SCK(B)-ST1	9-SCK(B)-TST1	9-SCSK-8RT1
Dimensions	9x6.5mm	9x6.5mm	9x6.5mm	9x6.5mm	9x6.5mm

11 mm crimp caps



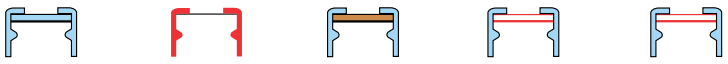
Part No.	*11-AC7	11-AC-ST101	11-AC-ST101X	11-AC(B)-ST144	11-AC-ST15	11-ACT	*11-AC6
Dimensions	11x6mm	11x6mm	11x6mm	11x6mm	11x6mm	11x6mm	11x6mm



Part No.	11-AC-TST1	11-PEC1	11-PEC1X	11-PEC-ST1	11-MC-ST15	11-LLX
Dimensions	11x6mm	11x6mm	11x6mm	11x7mm		11x3mm

*Cap available in alternative colors.
See below for more details

11 mm snap caps



Part No.	11-PSN(B)-ST101	*11-PSN(R)-T02	11-PSN(B)-8RT1	*11-PSN(B)-ST1X	11-PSN(B)-ST1
Dimensions	11x6.5mm	11x6.5mm	11x6.5mm	11x6.5mm	11x6.5mm

12 mm and 13 mm screw thread cap—suitable for 13-425 vials

Part No.	*12-SC	12-SCS	12-SC-ST2	12-SC-8RT1	13-SC-ST15	13-SCST
Dimensions	12x10mm	12x10mm	12x10mm	12x10mm	12x10mm	12x10mm

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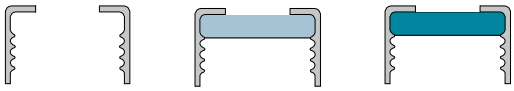
12 mm septa (suitable for all 12 and 13 mm caps above)

Part No.	12-ST2	12-6RT1	12-ST101
Dimensions	12x2mm	12x1mm	12x1mm

18 mm magnetic screw caps

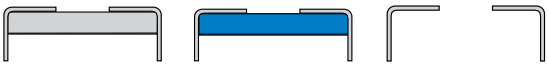


Part No.	18-MSC	18-MSC-CBT3	18-MSC-ST201
Dimensions	18x13mm	18x13mm	18x13mm

20 mm magnetic crimp caps

Part No.	20-MCB	*20-MCBC	20-MCBC(R)-CBT3	*20-MCBC-ST3
Dimensions	20x7mm	20x7mm	20x7mm	20x7mm

20 mm crimp caps



Part No.	20-AC-CBT3	20-AC-ST3	20-ACB
Dimensions	20x7mm	20x7mm	20x7mm

20 mm septa

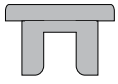
Part No.	20-CB3	20-CBT3	20-CBT3B	20-LLX
Dimensions	20x3mm	20x3mm	20x3mm	20x3mm

Part No.	20-ST3	20-ST3HT	20-ST15	20-ST101
Dimensions	20x3mm	20x3.1mm	20x1.5mm	20x1mm

18 mm septa

Part No.	18-ST101
Dimensions	18x1mm

20 mm stopper



Part No.	20-2FB3
Dimensions	20x13.4mm

Find out more at
thermofisher.com/chromatographyconsumables

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