

Zebron® GC Columns



If Zebron columns do not provide you with equivalent or better separations as compared to any other GC column of the same phase and comparable dimensions, return the column with comparative data within 45 days for a FULL REFUND.

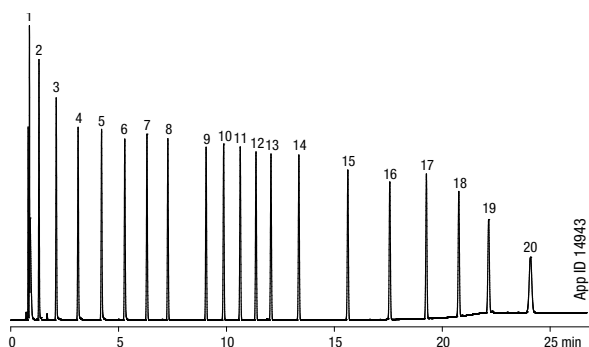
ZB-1

- Low polarity phase suited for true boiling point compounds
- Low bleed (MS Certified), low activity, and high efficiency
- Excellent resolving power of critical pairs in complex petrochemical samples
- Used for “fingerprinting” and routine quality control analyses (e.g., citrus oils)
- Equivalent to USP Phase G2
- Temperature Limits: -60 to 360/370 °C (Isothermal/TPGC)*

Alternative to Any 100 % Dimethylpolysiloxane Phase:

- | | | |
|-------------|-------------|---------------|
| • DB-1 | • HP-101 | • BP1 |
| • HP-PONA | • AT-1 | • SPB-1 |
| • DB-2887 | • Rtx-1PONA | • CP-Sil 5 CB |
| • DB-1 EVDX | • Rtx-1 F&F | • SE-30 |
| • Rtx-1 | • MET-1 | • 007-1 |
| • HP-1 | • Ultra 1 | • OV-1 |

Simulated Distillation Markers: ASTM Method D 2887



Column: Zebron ZB-1
Dimensions: 10 meter x 0.53 mm x 2.65 µm
Part No.: 7CK-G001-35
Injection: Split 10:1 @ 360 °C, 1 µL
Carrier Gas: Helium @ 8.1 mL/min (constant flow)
Oven Program: 35 °C to 360 °C @ 15 °C/min for 5 min
Detector: FID @ 360 °C

- Sample:**
- | | |
|-----------------------|-----------------------------|
| 1. Pentane (C5) | 11. Hexadecane (C16) |
| 2. Hexane (C6) | 12. Heptadecane (C17) |
| 3. Heptane (C7) | 13. Octadecane (C18) |
| 4. Octane (C8) | 14. Eicosane (C20) |
| 5. Nonane (C9) | 15. Tetracosane (C24) |
| 6. Decane (C10) | 16. Octacosane (C28) |
| 7. Undecane (C11) | 17. Dotriacontane (C32) |
| 8. Dodecane (C12) | 18. Hexatriacontane (C36) |
| 9. Tetradecane (C14) | 19. Tetracontane (C40) |
| 10. Pentadecane (C15) | 20. Tetratetracontane (C44) |

i Engineered Self Crosslinking™ (ESC) polymer technology. Zebron GC Columns MS Certification, see p. 384

i *Thicker films (≥1.0 µm df) are rated to 340/360 °C (Isothermal/TPGC).

Contact Phenomenex or your local Phenomenex distributor for additional GC products and applications.



Extend column lifetime. Add a Z-guard to your next Zebron GC order.

Column Profile

Low High

Polarity **5**

Bleed

Temperature Limits

Stability

Applications

- | | | |
|-----------------------|------------------------|----------------------------|
| • Amines | • Drugs of abuse | • Sulfur compounds (light) |
| • Ethanol | • Essential oils | • Solvent impurities |
| • Gases (refinery) | • Hydrocarbons | • Simulated distillation |
| • MTBE | • Natural gas odorants | • Semi-volatiles |
| • Oxygenates and GROs | • Pesticides | |
| • PCBs | • Mercaptans | |

Ordering Information

Zebron ZB-1 GC Columns

ID(mm)	df(µm)	Temp. Limits °C	Part No.	Price
10-Meter				
0.53	2.65	-60 to 340/360	7CK-G001-35	
15-Meter				
0.25	0.10	-60 to 360/370	7EG-G001-02	
0.25	0.25	-60 to 360/370	7EG-G001-11	
0.25	1.00	-60 to 340/360	7EG-G001-22	
0.32	0.25	-60 to 360/370	7EM-G001-11	
0.32	1.00	-60 to 340/360	7EM-G001-22	
0.53	0.15	-60 to 360/370	7EK-G001-05	
0.53	0.50	-60 to 360/370	7EK-G001-17	
0.53	1.50	-60 to 340/360	7EK-G001-28	
30-Meter				
0.25	0.10	-60 to 360/370	7HG-G001-02	
0.25	0.25	-60 to 360/370	7HG-G001-11	
0.25	0.50	-60 to 360/370	7HG-G001-17	
0.25	1.00	-60 to 340/360	7HG-G001-22	
0.32	0.25	-60 to 360/370	7HM-G001-11	
0.32	0.50	-60 to 360/370	7HM-G001-17	
0.32	1.00	-60 to 340/360	7HM-G001-22	
0.32	3.00	-60 to 340/360	7HM-G001-36	
0.32	5.00	-60 to 340/360	7HM-G001-39	
0.53	0.50	-60 to 360/370	7HK-G001-17	
0.53	1.50	-60 to 340/360	7HK-G001-28	
0.53	3.00	-60 to 340/360	7HK-G001-36	
0.53	5.00	-60 to 340/360	7HK-G001-39	
50-Meter				
0.25	0.50	-60 to 360/370	7JG-G001-17	
60-Meter				
0.25	0.25	-60 to 360/370	7KG-G001-11	
0.25	1.00	-60 to 340/360	7KG-G001-22	
0.32	0.25	-60 to 360/370	7KM-G001-11	
0.32	1.00	-60 to 340/360	7KM-G001-22	
0.32	3.00	-60 to 340/360	7KM-G001-36	
0.53	1.50	-60 to 340/360	7KK-G001-28	
100-Meter				
0.25	0.50	-60 to 360/370	7MG-G001-17	

Note: If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G001-11-B. Some exceptions may apply. Agilent 6850 and some SRI and process GC systems use only 5 in. cages. See p. 91



ZB-1 Test Mix Part No.: AGO-5155
Price: