

ZB-FFAP GC Columns

- **Temperature Limits: 40 to 250/260 °C (Isothermal/TPGC)**
- **High polarity column**
- **Especially suited for organic acids, free fatty acids, and alcohols**
- **Excellent thermal and chemical stability**
- **Bonded FFAP Phase**
- **Replaces OV-351**
- **Close equivalent to USP Phase G35**

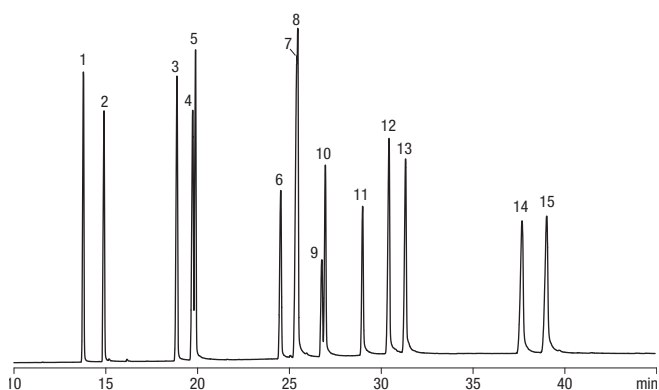
Applications

Acrylates	Ketones	Alcohols	Volatile Free Acids
Aldehydes	Organic Acids	Free Fatty Acids	Phenols

Alternative to Any Nitroterephthalic Acid Modified Polyethylene Glycol:

DB-FFAP	BP21	CP-WAX 58 CB	Stabilwax-DA	AT-1000	SPB-1000	EC-1000
HP-FFAP	Nukol	007-FFAP	PE-FFAP	CP-FFAP-CB		

Column Profile



App ID 14888

Unsaturated Free Fatty Acids

Column:	Zebbron ZB-FFAP																
Dimensions:	60 meter x 0.25 mm x 0.25 µm																
Part No.:	7KG-G009-11																
Injection:	Split 40:1 @ 200 °C, 0.2 µL																
Carrier Gas:	Helium @ 2.4 mL/min (constant flow)																
Oven Program:	200 °C to 260 °C @ 2 °C/min for 30 min																
Detector:	FID @ 250 °C																
Sample:	<table> <tr> <td>1. Myristic Acid (C14:0)</td> <td>9. Linolelaidic Acid (C18:2t)</td> </tr> <tr> <td>2. Myristoleic Acid (C14:1c)</td> <td>10. Linoleic Acid (C18:2c)</td> </tr> <tr> <td>3. Palmitic Acid (C16:0)</td> <td>11. Linolenic Acid (C18:3c)</td> </tr> <tr> <td>4. Palmitelaidic Acid (C16:1t)</td> <td>12. Arachidic acid (C20:0)</td> </tr> <tr> <td>5. Palmitoleic Acid (C16:1c)</td> <td>13. Gondonic Acid (C20:1c)</td> </tr> <tr> <td>6. Stearic Acid (C18:0)</td> <td>14. Behenic Acid (C22:0)</td> </tr> <tr> <td>7. Elaïdic Acid (C18:1t)</td> <td>15. Erucic Acid (C22:1c)</td> </tr> <tr> <td>8. Oleic Acid (C18:1c)</td> <td></td> </tr> </table>	1. Myristic Acid (C14:0)	9. Linolelaidic Acid (C18:2t)	2. Myristoleic Acid (C14:1c)	10. Linoleic Acid (C18:2c)	3. Palmitic Acid (C16:0)	11. Linolenic Acid (C18:3c)	4. Palmitelaidic Acid (C16:1t)	12. Arachidic acid (C20:0)	5. Palmitoleic Acid (C16:1c)	13. Gondonic Acid (C20:1c)	6. Stearic Acid (C18:0)	14. Behenic Acid (C22:0)	7. Elaïdic Acid (C18:1t)	15. Erucic Acid (C22:1c)	8. Oleic Acid (C18:1c)	
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Ordering Information

ID (mm)	df (µm)	Temp. Limits °C	Part No.
15-Meter			
0.25	0.25	40 to 250/260	7EG-G009-11
0.32	0.25	40 to 250/260	7EM-G009-11
0.32	0.50	40 to 250/260	7EM-G009-17
0.53	1.00	40 to 250/260	7EK-G009-22

ID (mm)	df (µm)	Temp. Limits °C	Part No.
30-Meter			
0.25	0.25	40 to 250/260	7HG-G009-11
0.32	0.25	40 to 250/260	7HM-G009-11
0.32	0.50	40 to 250/260	7HM-G009-17
0.53	1.00	40 to 250/260	7HK-G009-22

ID (mm)	df (µm)	Temp. Limits °C	Part No.
50-Meter			
0.32	0.50	40 to 250/260	7JM-G009-17
60-Meter			
0.25	0.25	40 to 250/260	7KG-G009-17
Test Mix			
Zebbron	ZB-FFAP		AG0-5158



If you need a 5 in. cage, simply add a (-B) after the part number, e.g., 7HG-G009-11-B.



PROTECT YOUR GC COLUMN. TRY Z-GUARD WITH YOUR NEXT ZEBRON ORDER.