



Structure of Polyethylene Glycol (PEG)
This structure is applicable for all
WAX and FFAP phases.

Polyethylene Glycol (PEG) Columns

Agilent offers a full range of PEG columns. Even though each phase is based on the polyethylene glycol polymer, strict control of the cross-linking and deactivation processes result in a variety of unique phase characteristics to meet your varying analysis needs.

DB-WAX and DB-WaxFF

- Polyethylene glycol (PEG)
- Equivalent to USP Phase G16
- High polarity
- Lower temperature limit of 20 °C is the lowest of any bonded PEG phase; improves resolution of low boiling point analytes
- Column-to-column reproducibility
- Bonded and cross-linked
- Exact replacement of HP-WAX
- Solvent rinsable
- DB-WaxFF is a highly reproducible, specially tested microbore DB-Wax for fragrance analysis

Similar Phases: SUPELCOWAX 10, SUPEROX II, CB-WAX, Stabilwax, BP-20, 007-CW, Carbowax, Rtx-WAX, ZB-WAX, ZB-WAX plus

DB-WAX and DB-WaxFF

| ID (mm) | Length (m) | Film (µm) | Temp Limits (°C) | 7 in Cage | 5 in Cage | 7890/6890 LTM Module | 5975T LTM Toroid |
|-----------------------|------------|-----------|------------------|-----------|-----------|-------------------------|---------------------|
| DB-WAX 0.05 | 10 | 0.05 | 20 to 250/260 | 126-7012 | | 126-7012LTM | |
| | | 0.10 | 20 to 240/250 | 126-7013 | | 126-7013LTM | 222-7013LTM |
| 0.10 | 10 | 0.10 | 20 to 250/260 | 127-7012 | 127-7012E | 127-7012LTM | |
| | | 0.20 | 20 to 240/250 | 127-7013 | | 127-7013LTM | |
| | 20 | 0.10 | 20 to 250/260 | 127-7022 | | 127-7022LTM | |
| | | 0.20 | 20 to 240/250 | 127-7023 | 127-7023E | 127-7023LTM | |

Agilent J&W High Efficiency GC columns are displayed using italicized descriptions and part numbers

(Continued)

DB-WAX and DB-WaxFF

| ID (mm) | Length (m) | Film (µm) | Temp Limits (°C) | 7 in Cage | 5 in Cage | 7890/6890 LTM Module | 5975T LTM Toroid |
|-----------------|------------|---------------|----------------------|-----------------|------------------|-------------------------|---------------------|
| DB-WAX | | | | | | | |
| <i>0.18</i> | <i>10</i> | <i>0.18</i> | <i>20 to 250/260</i> | <i>121-7012</i> | | <i>121-7012LTM</i> | |
| | <i>20</i> | <i>0.18</i> | <i>20 to 250/260</i> | <i>121-7022</i> | <i>121-7022E</i> | <i>121-7022LTM</i> | |
| | | <i>0.30</i> | <i>20 to 240/250</i> | <i>121-7023</i> | <i>121-7023E</i> | <i>121-7023LTM</i> | |
| | <i>40</i> | <i>0.18</i> | <i>20 to 250/260</i> | <i>121-7042</i> | <i>121-7042E</i> | | |
| | | <i>0.30</i> | <i>20 to 240/250</i> | <i>121-7043</i> | | | |
| 0.20 | 25 | 0.20 | 20 to 250/260 | 128-7022 | | 128-7022LTM | |
| | 30 | 0.20 | 20 to 250/260 | 128-7032 | | 128-7032LTM | |
| | 50 | 0.20 | 20 to 250/260 | 128-7052 | | | |
| 0.25 | 15 | 0.25 | 20 to 250/260 | 122-7012 | 122-7012E | 122-7012LTM | |
| | | 0.50 | 20 to 240/250 | 122-7013 | | 122-7013LTM | |
| | 30 | 0.15 | 20 to 250/260 | 122-7031 | | 122-7031LTM | |
| | | 0.25 | 20 to 250/260 | 122-7032 | 122-7032E | 122-7032LTM | |
| | | 0.50 | 20 to 240/250 | 122-7033 | 122-7033E | 122-7033LTM | 222-7033LTM |
| | 60 | 0.15 | 20 to 250/260 | 122-7061 | | | |
| | | 0.25 | 20 to 250/260 | 122-7062 | 122-7062E | | |
| 0.50 | | 20 to 240/250 | 122-7063 | 122-7063E | | | |
| 0.32 | 15 | 0.25 | 20 to 250/260 | 123-7012 | | 123-7012LTM | |
| | | 0.50 | 20 to 240/250 | 123-7013 | | 123-7013LTM | |
| | 30 | 0.15 | 20 to 250/260 | 123-7031 | | 123-7031LTM | |
| | | 0.25 | 20 to 250/260 | 123-7032 | 123-7032E | 123-7032LTM | |
| | | 0.50 | 20 to 240/250 | 123-7033 | 123-7033E | 123-7033LTM | |
| | 60 | 0.25 | 20 to 250/260 | 123-7062 | | | |
| 0.50 | | 20 to 240/250 | 123-7063 | 123-7063E | | | |
| 0.45 | 30 | 0.85 | 20 to 230/240 | 124-7032 | | 124-7032LTM | |
| 0.53 | 15 | 0.50 | 20 to 230/240 | 125-7017 | | 125-7017LTM | |
| | | 1.00 | 20 to 230/240 | 125-7012 | 125-7012E | 125-7012LTM | |
| | 30 | 0.25 | 20 to 230/240 | 125-7031 | | 125-7031LTM | |
| | | 0.50 | 20 to 230/240 | 125-7037 | | 125-7037LTM | |
| | | 1.00 | 20 to 230/240 | 125-7032 | 125-7032E | 125-7032LTM | |
| | 60 | 1.00 | 20 to 230/240 | 125-7062 | 125-7062E | | |
| DB-WaxFF | | | | | | | |
| 0.10 | 20 | 0.20 | 20 to 240/250 | 127-7023FF | | | |

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