

**Rxi®-1ms Columns (fused silica)**

(nonpolar phase, Crossbond® 100% dimethyl polysiloxane)

- General purpose columns for drugs of abuse, essential oils, hydrocarbons, pesticides, PCB congeners (e.g. Aroclor mixes), sulfur compounds, amines, solvent impurities, simulated distillation, oxygenates, gasoline range organics (GRO), refinery gases.
- Tested and guaranteed for ultra-low bleed—improved signal-to-noise ratio, for better sensitivity and mass spectral integrity.
- Temperature range: -60 °C to 330/350 °C (bleed tested temperature/maximum operating temperature).
- Equivalent to USP G2 phase.

| ID     | df     | temp. limits     | 15-Meter | 30-Meter | 60-Meter |
|--------|--------|------------------|----------|----------|----------|
| 0.25mm | 0.25µm | -60 to 330/350°C | 13320    | 13323    | 13326    |
|        | 0.50µm | -60 to 330/350°C | 13335    | 13338    | 13341    |
|        | 1.00µm | -60 to 330/350°C | 13350    | 13353    | 13356    |
| 0.32mm | 0.25µm | -60 to 330/350°C | 13321    | 13324    | 13327    |
|        | 0.50µm | -60 to 330/350°C | 13336    | 13339    | 13342    |
|        | 1.00µm | -60 to 330/350°C | 13351    | 13354    | 13357    |
|        | 4.00µm | -60 to 330/350°C |          | 13396    |          |
| 0.53mm | 0.50µm | -60 to 330/350°C | 13337    | 13340    |          |
|        | 1.00µm | -60 to 330/350°C | 13352    | 13355    |          |
|        | 1.50µm | -60 to 330/350°C | 13367    | 13370    | 13373    |

| ID     | df     | temp. limits     | 10-Meter | 12-Meter | 20-Meter | 25-Meter | 50-Meter |
|--------|--------|------------------|----------|----------|----------|----------|----------|
| 0.10mm | 0.10µm | -60 to 330/350°C | 13301    |          |          |          |          |
| 0.18mm | 0.18µm | -60 to 330/350°C |          |          | 13302    |          |          |
|        | 0.36µm | -60 to 330/350°C |          |          | 13311    |          |          |
| 0.20mm | 0.33µm | -60 to 330/350°C |          | 13397    |          | 13398    | 13399    |

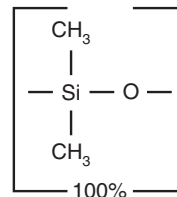
**Rxi®-5ms Columns (fused silica)**

(low polarity phase, Crossbond® 5% diphenyl/95% dimethyl polysiloxane)

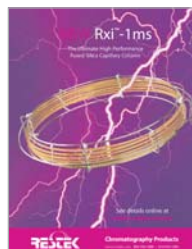
- General purpose columns for semivolatiles, phenols, amines, residual solvents, drugs of abuse, pesticides, PCB congeners (e.g. Aroclor mixes), solvent impurities.
- Most inert column on the market.
- Tested and guaranteed for ultra-low bleed—improved signal-to-noise ratio, for better sensitivity and mass spectral integrity.
- Temperature range: -60 °C to 330/350 °C (bleed tested temperature/maximum operating temperature).
- Equivalent to USP G27 phase.

| ID     | df     | temp. limits     | 15-Meter | 30-Meter | 60-Meter |
|--------|--------|------------------|----------|----------|----------|
| 0.25mm | 0.25µm | -60 to 330/350°C | 13420    | 13423    | 13426    |
|        | 0.40µm | -60 to 330/350°C |          | 13481    |          |
|        | 0.50µm | -60 to 330/350°C | 13435    | 13438    | 13441    |
|        | 1.00µm | -60 to 330/350°C | 13450    | 13453    | 13456    |
| 0.32mm | 0.25µm | -60 to 330/350°C | 13421    | 13424    | 13427    |
|        | 0.50µm | -60 to 330/350°C | 13436    | 13439    | 13442    |
|        | 1.00µm | -60 to 330/350°C | 13451    | 13454    | 13457    |
| 0.53mm | 0.25µm | -60 to 330/350°C | 13422    | 13425    |          |
|        | 0.50µm | -60 to 330/350°C | 13437    | 13440    |          |
|        | 1.00µm | -60 to 330/350°C | 13452    | 13455    |          |
|        | 1.50µm | -60 to 330/350°C | 13467    | 13470    |          |

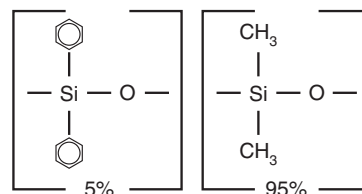
| ID     | df     | temp. limits     | 10-Meter | 12-Meter | 20-Meter | 25-Meter | 50-Meter |
|--------|--------|------------------|----------|----------|----------|----------|----------|
| 0.10mm | 0.10µm | -60 to 330/350°C | 13401    |          |          |          |          |
| 0.18mm | 0.18µm | -60 to 330/350°C |          |          | 13402    |          |          |
|        | 0.30µm | -60 to 330/350°C |          |          | 13409    |          |          |
|        | 0.36µm | -60 to 330/350°C |          |          | 13411    |          |          |
| 0.20mm | 0.33µm | -60 to 330/350°C |          | 13497    |          | 13498    | 13499    |

**Rxi®-1ms Structure****similar phases**

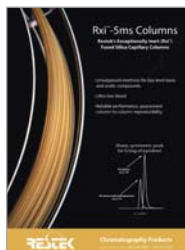
DB-1, DB-1ms, HP-1, HP-1ms, Ultra-1, SPB-1, Equity-1, VF-1ms, CP-Sil 5 CB Low Bleed/MS

**free literature****Rxi®-1ms: The Ultimate High Performance Fused Silica Capillary Column**Download your free copy from [www.restek.com](http://www.restek.com)

lit. cat.# 580075B

**Rxi®-5ms Structure****similar phases**

DB-5, HP-5, HP-5ms, Ultra-2, SPB-5, Equity-5, CP-Sil 8

**free literature****Rxi®-5ms Columns**Download your free copy from [www.restek.com](http://www.restek.com)

lit. cat.# 580046A