MT2000
Altera medical-grade, USP Class VI, lubricious, thin-wall polyolefin tubing

Applications
Especially suitable for medical application requiring lubricity, flexibility, and excellent electrical insulation performance. A cost-effective alternative to FEP (fluorinated ethylene-propylene) while maintaining performance after gamma sterilization.

Operating Temperature Range
−40°C to 105°C

Features/Benefits
• 2.5:1 shrink ratio.
• Lubricity comparable to FEP.
• Excellent electrical insulation properties.
• Can be manufactured with a very thin wall.
• Optional inner adhesive lining (A).
• USP Class VI material, no heavy metals.
• Plastic spools or double-bagged packaging.
• Compatibility with gamma and ETO sterilization.

Installation
Minimum shrink temperature: 110°C
Minimum full recovery temperature: 140°C

Specifications/Approvals

<table>
<thead>
<tr>
<th>Series</th>
<th>Material</th>
<th>Master File Number</th>
<th>Raychem</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT2000</td>
<td>USP Class VI</td>
<td>MAF-727</td>
<td>MT2000 SCD</td>
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<tr>
<td>MT2000A</td>
<td>USP Class VI</td>
<td>MAF-799</td>
<td>MT2000A SCD</td>
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</table>

Product Dimensions (mm/in)

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>Inside diameter</th>
<th>Minimum expanded as supplied</th>
<th>Maximum recovered after heating</th>
<th>Wall thickness As supplied (nominal)</th>
<th>Recovered after heating*</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>(mm/in)</td>
<td>(mm/in)</td>
<td>(mm/in)</td>
<td>(mm/in)</td>
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<tr>
<td>1.0</td>
<td>1.0 (.040)</td>
<td>0.45 (.018)</td>
<td>.12 (.005)</td>
<td>.25 ± .05 (.010 ± .002)</td>
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<tr>
<td>2.0</td>
<td>2.0 (.080)</td>
<td>0.80 (.032)</td>
<td>.12 (.005)</td>
<td>.25 ± .05 (.010 ± .002)</td>
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<tr>
<td>3.0</td>
<td>3.0 (.120)</td>
<td>1.20 (.048)</td>
<td>.12 (.005)</td>
<td>.25 ± .05 (.010 ± .002)</td>
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<tr>
<td>6.0</td>
<td>6.0 (.240)</td>
<td>2.40 (.096)</td>
<td>.12 (.005)</td>
<td>.25 ± .05 (.010 ± .002)</td>
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<tr>
<td>10.0</td>
<td>10.0 (.400)</td>
<td>4.00 (.160)</td>
<td>.12 (.005)</td>
<td>.25 ± .05 (.010 ± .002)</td>
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</tr>
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*Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color
Standard Black (-0), clear (-X)
Nonstandard White (-9), red (-2), blue (-6), yellow (-4), orange (-3)

Size selection
Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.

Standard packaging
In 1.2-meter (4-foot) lengths, double bagged.

Ordering description
Specify product name, size, and color (for example, MT2000-3.0-0). Specify MT2000A for adhesive-lined constructions (special order).

Altera is a trademark of Raychem Corporation.

Users should independently evaluate the suitability of the product for their application.