## STERILIZATION DETAILS FOR MATERIAL TESTING

<table>
<thead>
<tr>
<th>Sterilization Type</th>
<th>Dosage</th>
<th>Details</th>
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</table>
| Ethylene Oxide (EO)                             | 2X cycles             | Total time *per cycle* (excluding pre- and post-conditioning): 8 hours and 10 minutes  
EO exposure time *per cycle*: 8 hours and 0 minutes  
EO concentration: 725 ppm  
Maximum temperature: 131°F  
Maximum relative humidity: 60%  
Maximum pressure rate change: 25 psi/min |
| Gamma                                          | @25 kGy @50 kGy @100 kGy | 1X cycle @25 kGy  
1X cycle @50 kGy  
1X cycle @100 kGy |
| Electron-beam                                  | @25 kGy @50 kGy @100 kGy | 1X cycle @25 kGy  
2X cycles @25 kGy  
4X cycles @25 kGy |
| Steam                                          | 1X cycle              | Total time *per cycle*: 1 hours and 0 minutes  
Steam exposure *per cycle*: 0 hours and 30 minutes  
Maximum temperature: 261°F  
Maximum pressure: 40 psia |
| Low-temperature Oxidative: Sterrad® 100S       | 1X cycle              | Total time *per cycle*: 0 hours and 55 minutes  
H₂O₂ exposure time *per cycle*: 0 hours and 28 minutes  
Sterilant concentration: 58%  
Maximum temperature: 131°F |
| Low-temperature Oxidative: Vapor Hydrogen Peroxide | 1X cycle              | Total time *per cycle*: 1 hours and 40 minutes  
H₂O₂ exposure time *per cycle*: 0 hours and 40 minutes  
Sterilant concentration: 35%  
Maximum temperature: 122°F |