|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature (ASTM D1204)** | | | | | | | | |
| **University of Illinois at Urbana-Champaign**  **Geosynthetics Laboratory** | | | | | | | | |
| Tests Performed by: | Material:  Manufacturer: | | | | | Nominal thickness (:  Oven Temperature: 100 C  Exposure Time: 15 minutes  Reconditioning Time: 1 hr | | |
| Date: |
|  |
| Sample | Machine Direction  (x-y) | | Transverse Direction  (a-b) | | Linear Change (%) = | | |
| (mm) | (mm) | (mm) | (mm) | Machine Direction | | Transverse Direction |
| 1 (Edge) |  |  |  |  |  | |  |
| 2 (Center) |  |  |  |  |  | |  |

|  |  |
| --- | --- |
| Average Change  Machine Direction | Average Change  Transverse Direction |
|  |  |

**FGI-1117 PVC Geomembrane Specification**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nominal Thickness** | **10 mil**  **(0.25 mm)** | **20 mil**  **(0.51 mm)** | **30 mil**  **(0.76 mm)** | **40 mil**  **(1.02 mm)** | **50 mil**  **(1.27 mm)** | **60 mil**  **(1.52 mm)** |
| Max Change (MD & TD) | 4% | 4% | 3% | 3% | 3% | 3% |