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| **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 ($T\_{o})$: Oven Temperature: 100$°$ CExposure Time: 15 minutesReconditioning Time: 1 hr |
| Date: |
|  |
| Sample | Machine Direction (x-y) | Transverse Direction (a-b) | Linear Change (%) = $\frac{D\_{f}-D\_{o}}{D\_{o}}\*100$ |
| $D\_{o}$ (mm) | $$D\_{f}$$(mm) | $D\_{o}$ (mm) | $$D\_{f}$$(mm) | Machine Direction | Transverse Direction |
| 1 (Edge)  |  |  |  |  |  |  |
|  2 (Center) |  |  |  |  |  |  |

|  |  |
| --- | --- |
| Average ChangeMachine 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% |