Group 7
Section 023
Solution Evaluation

Dimensions:
- Each tray will be 18” by 36” (Appropriate Technology)
- Height: .75” (Appropriate Technology)

Geometry:
- Parallel to the ground
- Hole Sizes will be .282” by .274” in a checkered pattern (Appropriate Technology)

Materials/Physical Properties
- Polypropylene plastic -→ shipped from either India or South Africa (Available Materials)
- Price is below our budget of $10 per tray (Affordable Cost)
- Heat deflection temperature: 194 degrees Fahrenheit (Appropriate Technology---Durability)
- FDA certified (Safety)
- Simple cleaning process. Wipe down with cloth or rag (Ease of Maintenance)

Environmental Conditions/Integration
- Should be able to withstand temperatures regularly between 130 Fahrenheit and 155 Fahrenheit (Safety)
- 3 trays have to fit within one dryer unit (Available Materials)