Technical Data Sheet

Edition Date: 2022-03-31
Revision Date: 2026-10-28
Revised by: Khady Badji, Regulatory Compliance and Documentation Specialist

Product Name: SecureSeal™	Catalogue No.: T329-6

1. **Product Description:**
   - Non-sterile, transparent polyolefin sealing film with pressure-sensitive silicone adhesive for real-time qPCR applications.

2. **Packaging**
   - 100 sheets per pack; 1 pack per case.

3. **Product specification**
   - Material: Polyolefin film with silicone adhesive.
   - Polyester backing with end tabs for easy positioning.
   - Thickness: 2.0 mil (50.8 µm).
   - Temperature range: −70°C to +100°C. DMSO resistant.
   - Compatible with T323 and T324 PCR plate series; suitable for raised-rim plates.
   - Certified RNase-, DNase-, pyrogen- and DNA-free.

4. **Standards and Conformity:**
   - **ISO 9001** Produced in compliance with an ISO 9001-certified quality management system.
   - **Inspection** Inspections are performed in accordance with Simport's internal quality control procedures.
   - **RoHS** Conforms to RoHS requirements for heavy metals.
   - **REACH (SVHC)** Conforms to REACH requirements.
   - **Latex** Material is latex-free.

5. **Quality Control:**
   - Clear, no presence of contamination in plastic.
   - Visual attributes.
   - Dimension measurements.

6. **Traceability:**
   - Lot No. Composition: 10 digits
   - The lot number is indicated on the product packaging.

7. **Storage Conditions:**
   - Store at room temperature in normal warehouse conditions.
   - Avoid temperature variations and humidity.
   - Protect from any possible contamination.
   - Protect from any damage to the packaging.

8. **Recommended Use:**
   - Position the film on the plate and apply pressure to ensure proper sealing.
   - Verify proper sealing when using biohazardous materials or chemical reagents.

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