



BOWL COVER WITH TYVEK TAPE AND INDICATORS

Description:

GEPCO's Bowl Covers provide a convenient means to cover bowls, carboys and other large containers, preventing the entry of dust and other particulate. Being autoclavable, they can be used during sterilization to reduce time consuming wrapping of open containers. GEPCO's Bowl Covers are breathable, allowing evaporation of moisture, while providing an excellent bacterial barrier. Made from DuPont Tyvek®, they are lint-free, anti-static, moisture resistant, puncture resistant and extremely tough. Each cover incorporates latex-free rubber elastic to create a positive seal around all openings. GEPCO's Bowl Covers are processed and packaged in a Class 10,000 clean room.

Specifications: (Reorder No. 024TWTTSD, 024TWTTSDSP, 030TWTTSD, 030TWTTSDSP, 036TWTTSD, 042TWTTSD, 048TWTTSD, 060TWTTSD)

PHYSICAL PROPERTIES	
Material – TYVEK® (Spunbonded Olefin) Type 1422A. Adhesive (Tyvek tape only) – Proprietary formulation.	
Basis Weight	1.2 oz. / sq. yd
Thickness	5.3 mils
Particulate Burden	< 5 Particles (50 um or greater) per 10 cm ²
Construction – Material cut into circles and sewn with ¼" latex-free rubber elastic using clean polyester thread. 1.5" x 1.5" Tyvek tape with steam sterilization indicator applied to elastic seam.	
STRENGTH PROPERTIES – (MD signifies machine direction; CD signifies cross direction.)	
Strip Tensile (MD CD)	7.9 7.6 lbs. / in.
Work to Break (MD CD)	2.4 2.1 in.- lbs.
Tongue Tear (MD CD)	2.2 2.4 lbs.
Mullen Burst	60 lbs. / sq. in.
THERMAL PROPERTIES	
Stability – Will remain stable through steam cycles at a maximum temperature of 260°F or 127°C.	
BARRIER PROPERTIES	
Water Vapor Transmission*	580 gsm / 24 hrs
Steam Penetration – Immediate and even penetration.	
Microbial transfer – High inherent resistance to bacteria. Superior performance when subjected to liquid bacteria challenge. No bacterial penetration after 8 hours.	

*Indicates the material's ability to dissipate moisture. Temperature and pressure will increase Water Vapor Transmission rate.

NOTE: Steam Penetration, Water Vapor Transmission, Steam Pressure and Microbial Transfer must be validated for individual Users' processes.

STEAM STERILIZATION PROCESS INDICATOR

DESCRIPTION
Lead-free, round indicator labels. Designed for use in steam autoclaves operating at 121 °C / 1 bar or 134 °C / 2 bar. During the steam sterilization process the indicator changes from pink to dark brown.

NOTE: Steam sterilization process indicators should not be used as a substitute for proper dosimetry, but rather to distinguish steam exposed products from non-exposed products.

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