STERIS

Product Data Sheet

BOWL COVERS

Description:

STERIS Bowl Covers provide a convenient means to cover bowls, carboys and other large containers, inhibiting the entry of dust and other particulate. Since they are compatible with steam, the bowl covers are used to reduce time consuming wrapping of open containers during preparation for autoclave sterilization. STERIS Bowl Covers are breathable, allowing evaporation of moisture, while providing an excellent microbial barrier. Made from DuPont Tyvek®, they are lint-free, anti-static, moisture resistant, puncture resistant and extremely durable. Each cover incorporates latex-free rubber elastic to create a positive barrier around all openings.

Specifications:

PHYSICAL PROPERTIES		
Material – TYVEK® (Spunbonded Olefin) Type 1422A		
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		
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.

(Reorder No. 018TW, 020TW, 024TW, 026TW, 030TW, 034TW, 035TW, 036TW, 038TW, 040TW, 042TW, 042TW12, 044TW, 048TW, 048TW16, 050TW, 060TW, 072TW, 090TW, 1033TW, 1034TW, 1035TW, 1037TW, 1038TW, 1039TW, 2012TW, 10312TW)

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