

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)

The information presented here is based on data which STERIS Corp believes to be reliable. It is presented to assist in product evaluation and verification. STERIS Corp makes no guarantee of results and assumes no obligation or liability connected with this information. Since conditions of use are outside our control, we make no warranties, express or implied, including without limitation, no warranties of fitness for a particular use and assume no liability in connection with any of this information. This data is subject to revision as technical knowledge and experience advances. Revisions are not intended to indicate a process or product change.