

SINCE 1925

KEYSTONE

SAFETY ↔ CLEANROOM PRODUCTS

PureClean™ Autoclavable Stopper Bowl Cover with Tunnelized Elastic, Made with 1421B Tyvek®

The use of Keystone Cleanroom Products PureClean™ line of autoclavable stopper bowl covers made from Tyvek® is an efficient and consistent means of preparing pharmaceutical production equipment for steam sterilization. PureClean™ autoclavable bowl covers do not have a water soluble antistat agent applied during its manufacturing process like that of Tyvek® 1422A. The covers are manufactured using a tunnelized sewing technique to encapsulate the latex-free, talc-free elastic. After sterilization, the covered critical surfaces are protected from particulate and microbial contamination during the aseptic installation and setup activities.

Description



- Uncoated Tyvek® for maximum breathability during sterilization without the chance of residue deposits on equipment, post sterilization
- Individually packaged in sealed, labeled poly bags for traceability and protection from contamination until time of use
- The tunnelized elastic reduces the risk of fiber shedding
- Breathable, while providing a superior barrier post sterilization
- Tyvek® has the highest microbial barrier properties among all steam sterilization wrapping materials
- Manufactured and packaged in a ISO Certified Cleanroom
- Eliminates Autoclave Tape Residue
- Latex and Talc free rubber elastic
- Lint-Free

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Property	Comparable standard test method	Units	Nominal value (range) Tyvek® 1421B
Preliminary product specifications (English units)			
Basis weight	ASTM D3776 ¹	oz/yd ²	1.22 [1.16–1.26]
Delamination	ASTMD2724 ²	lb _f	0.08 [>0.03]
Gurley Hill porosity	TAPPI T460 ³	sec/100 cc	20 [8–36]
Preliminary product specifications (metric units)			
Basis weight	ASTM D3776 ¹	g/m ²	41 [39–43]
Delamination	ASTMD2724 ²	N	0.36 [>0.13]
Gurley Hill porosity	TAPPI T460 ³	sec/100 cc	20 [8–36]
Preliminary miscellaneous properties (English units)			
Thickness	ENISO 534 ¹	mils	6 (0.15mm)
Tensile strength, MD	EN ISO 1924-2 ²	lb _f /in	7.6
Tensile strength, CD	EN ISO 1924-2 ²	lb _f /in	6.4
Elmendorf tear, MD	ASTM D1424	lb _f	2.4
Elmendorf tear, CD	ASTM D1424	lb _f	1.9
Hydrostatic head	AATCC TM 127 ³	in H ₂ O	44
Elongation, MD	EN ISO 1924-2 ²	%	10
Elongation, CD	EN ISO 1924-2 ²	%	15
Puncture resistance	EN 863 ⁴	lb _f	2.7
Mullen burst	ISO 2758	psi	53
Bendsten air permeability	ISO 5636-3 ⁵	mL/min	741
Microbial barrier	ASTM F1608	LRV	~4

MD = machine direction; CD = cross direction

1. Surface 2 cm², pressure 50kPa.

2. Modified for speed, sample width 2.54 cm (1 inch).

3. Rate of use: 60 cm H₂O/min.

4. Modified for conditioning.

5. Electronic device.

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Fits Openings with Diameters	Keystone Part No.
12" to 20"	BCTK24T
14" to 22"	BCTK26T
20" to 26"	BCTK30T
26" to 30"	BCTK36T
28" to 23"	BCTK38T
28" to 35"	BCTK42T
30" to 40"	BCTK48T
35" to 45"	BCTK54T
40" to 50"	BCTK60T

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