

SINCE 1925

KEYSTONE

SAFETY ⇄ CLEANROOM PRODUCTS

PureClean™ Autoclavable Wrappers Made with 1421B Tyvek®

PureClean™ Autoclavable Wrappers are made from made from 1421B DuPont™ Tyvek®, which is a new grade of uncoated, untreated, flexible Tyvek® material specifically designed for pharmaceutical use in steam sterilization applications.

Keystone's PureClean™ Tyvek® material does not have a water soluble anti-stat agent applied to it during its manufacturing process.

Description

- Uncoated Tyvek® for maximum breathability during sterilization without the chance of residue deposits on equipment, post sterilization
- Manufactured and packaged in a ISO6 Certified Cleanrooms
- Tyvek® has the highest microbial barrier properties among all steam sterilization wrapping compatible materials
- Lint-Free



Tyvek® is a trademark of affiliates of DuPont de Nemours, Inc.

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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 F 1608	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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Dimensions	Keystone Part Number
3 x 3 in.	70TK0303
4 x 4 in.	70TK0404
6 x 6 in.	70TK0606
7.5 x 7.5 in.	70TK07-507-5
9 x 9 in.	70TK0909
9 x 11 in.	70TK0911
12 x 12 in.	70TK1212
15 x 15 in.	70TK1515
18 x 18 in.	70TK1818
20 x 20 in.	70TK2020
24 x 24 in.	70TK2424
30 x 30 in.	70TK3030
40 x 40 in.	70TK4040
40 x 80 in.	70TK4080
60 x 60 in.	70TK6060

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Dimensions	Keystone Part Number
60 x 140 in.	70TK601140
72 x 72 in.	70TK7272
84 x 94 in.	70TK8494

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