

SINCE 1925

KEYSTONE

SAFETY ⇄ CLEANROOM PRODUCTS

PureClean™ Autoclave Bag with Steam Indicator, Made with 1421B Tyvek®

PureClean™ Autoclave Bags are made from 1421B 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 antistat agent applied to it during its manufacturing process.



- Uncoated Tyvek® on both sides for maximum breathability during sterilization without the chance of residue deposits on equipment, post sterilization
- Eliminates the need to cut material and for the use of autoclave tape
- Fast and consistent for equipment preparation area
- Strong, sealed seams eliminate sewing threads and greatly reduce particulates
- Resists tearing and punctures
- Superior microbial barrier
- Manufactured and packaged in ISO certified cleanroom
- Made in the USA
- Certificates of Conformance sent with shipment

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

SINCE 1925

KEYSTONE

SAFETY ⇄ CLEANROOM PRODUCTS

| 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 | EN ISO 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 |
| Preliminary miscellaneous properties (metric units) | | | |
| Thickness | EN ISO 534 ¹ | µm | 152 |
| Tensile strength, MD | EN ISO 1924-2 ² | N | 34 |
| Tensile strength, CD | EN ISO 1924-2 ² | N | 28 |
| Elmendorf tear, MD | ASTMD1424 | N | 10.6 |
| Elmendorf tear, CD | ASTMD1424 | N | 8.5 |
| Hydrostatic head | AATCC TM 127 ³ | cm H ₂ O | 112 |
| Elongation, MD | EN ISO 1924-2 ² | % | 10 |
| Elongation, CD | EN ISO 1924-2 ² | % | 15 |
| Puncture resistance | EN 863 ⁴ | N | 12 |
| Mullen burst | ISO 2758 | kPa | 365 |
| 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.

| Keystone Part Number | Dimensions | Keystone Part Number | Dimensions |
|----------------------|------------|----------------------|------------|
| 6STK0205 | 2" x 5" | 6STK1830 | 18" x 30" |
| 6STK0404 | 4" x 4" | 6STK2020 | 20" x 20" |
| 6STK0409 | 4" x 9" | 6STK2024 | 20" x 24" |
| 6STK0416 | 4" x 16" | 6STK2030 | 20" x 30" |
| 6STK0820 | 8" x 20" | 6STK2040 | 20" x 40" |
| 6STK09-512 | 9.5" x 12" | 6STK2224 | 22" x 24" |
| 6STK1015 | 10" x 15" | 6STK2424 | 24" x 24" |
| 6STK1020 | 10" x 20" | 6STK2436 | 24" x 36" |
| 6STK1212 | 12" x 12" | 6STK2448 | 24" x 48" |
| 6STK1216 | 12" x 16" | 6STK2844 | 28" x 44" |
| 6STK1218 | 12" x 18" | 6STK3036 | 30" x 36" |
| 6STK1234 | 12" x 34" | 6STK3636 | 36" x 36" |
| 6STK1240 | 12" x 40" | 6STK3648 | 36" x 48" |
| 6STK1246 | 12" x 46" | 6STK3660 | 36" x 60" |
| 6STK1248 | 12" x 48" | 6STK4848 | 48" x 48" |
| 6STK1624 | 16" x 24" | | |