



THE RIGHT MASK FOR THE RIGHT TASK!



MaskEnomics™:

The Crosstex guide to face mask selection and use

Aligned with ASTM F2100-11 and EN 14683 Standards



CROSSTEX
A CANTEL MEDICAL COMPANY



WHY CROSSTEX®?

Enhanced Safety and Performance!

Crosstex offers a wide variety of mask designs, fit and filtration to match the protection needs for each procedure or risk level. The Crosstex MaskEnomics™ filtration guide makes it easy to select the level of filtration required, including ASTM Level 1, 2 and 3 and N95 particulate respiration. From minimum performance masks for dry, short procedures, to our maximum filtration mask, Isolator Plus, Crosstex has the right mask for the task!



| | | | |
|--|--|---------------------------|---|
| <p>MAXIMUM FILTRATION</p> <p>Indicated for use when treating patients with airborne diseases such as TB or influenza.</p> <p>Meets EN 149:2001 FFP2 NR</p> | | <p>Pictured: GPRN95</p> | <p>Isolator® Plus N95 Particulate Respirator</p> <ul style="list-style-type: none"> • NIOSH approved N95 Respirator • Meets guidelines for TB exposure control • Resistance to penetration by synthetic blood: 160mmHg • PFE = 99.9% @ 0.1 micron • Malleable nose and chin pieces • Inner/outer fluid resistant layers • Chin pocket construction • Not made with natural latex rubber • Made in the USA |
| <p>ASTM LEVEL 3</p> <p>Ideal for procedures where heavy to moderate amounts of fluid, spray and/or aerosols are produced.</p> <p>Meets EN 14683 Rating – Type IIR Standard</p> | | <p>Pictured: GCFCXSSF</p> | <p>Ultra® Sensitive Earloop w/ Secure Fit® Mask Technology</p> <ul style="list-style-type: none"> • BFE = 99.9% @ 3 microns • PFE = 99.8% @ 0.1 micron • Patent pending design with aluminum strip under chin for custom fit • Fluid resistant outer layer • White hypoallergenic inner cellulose layer • Extra soft – will not lint, tear or shred • Free of chemicals, inks and dyes • Extra-long aluminum nose piece • Not made with natural latex rubber • Made in the USA |
| <p>ASTM LEVEL 2</p> <p>Ideal for procedures where moderate to light amounts of fluid, spray and/or aerosols are produced.</p> <p>Meets EN 14683 Rating – Type IIR Standard</p> | | <p>Pictured: GCPBLSF</p> | <p>Procedural Earloop w/ Secure Fit® Mask Technology</p> <ul style="list-style-type: none"> • BFE = 99.9% @ 3 microns • PFE = 99.7% @ 0.1 micron • Patent pending design with aluminum strip under chin for custom fit • Fluid resistant outer layer • Fluid resistant white inner layer • Extra-long aluminum nose piece • Not made with natural latex rubber • Made in the USA |
| <p>ASTM LEVEL 1</p> <p>Ideal for procedures where low amounts of fluid, spray and/or aerosols are produced.</p> <p>Meets EN 14683 Rating – Type II Standard</p> | | <p>Pictured: GCIPKSF</p> | <p>Isofluid® Earloop w/ Secure Fit® Mask Technology</p> <ul style="list-style-type: none"> • BFE = 98.4% @ 3 microns • PFE ≥ 95% @ 0.1 micron • Patent pending design with aluminum strip under chin for custom fit • Fluid resistant outer layer • White tissue inner layer • Extra-long aluminum nose piece • Not made with natural latex rubber • Made in the USA |
| <p>LOW PERFORMANCE</p> <p>Ideal as a comfortable substitute for earloop face masks, this mask is a simple physical barrier ideal for exams and visitations or for dry, short procedures that do not produce fluid, spray or aerosols.</p> | | <p>Pictured: GCBL</p> | <p>Surgical Molded</p> <ul style="list-style-type: none"> • BFE = 98.7% @ 4.2 microns • Splash resistant barrier • Flared edge prevents irritation • Soft, flexible nose piece • Not made with natural latex rubber |
| <p>MINIMUM PERFORMANCE</p> <p>Ideal as a simple physical barrier for exams, isolation and visitations or for dry, short procedures that do not produce fluid, spray or aerosols.</p> | | <p>Pictured: GCLPK</p> | <p>Isolite® Earloop</p> <ul style="list-style-type: none"> • BFE = 99.6% @ 3 microns • Outer facial tissue layer • White facial tissue inner layer • Extra-long aluminum nose piece • Not made with natural latex rubber • Made in the USA |

SECURE FIT. Technology

TOP MASK 5 YEARS IN A ROW

Experience Secure Fit® Mask Technology for yourself.

Better Fit.
Better Filtration.
Better Protection.

Provides Greater Protection*

- ➔ Aluminum strips both above the nose and below the chin for a custom fit. Conforms to any size or shape face.
- ➔ Patent pending design significantly reduces gapping at top, bottom and sides.



The mask performance levels stated on pages 1, 2 & 3 were performed for Crosstex by Nelson Laboratories in accordance with ASTM Standard F2100-11 and represent the most current performance test data (of these Crosstex masks).

Although the N95 closely resembles a surgical mask, it is a respirator and must be used in accordance with all OSHA regulations regarding respiratory protection.

*Study on file as compared to standard earloop masks



Ultra® Sensitive FogFree™ Earloop Mask w/ Secure Fit® Mask Technology

- BFE = 99.9% @ 3 microns
- PFE = 99.8% @ 0.1 micron
- Provides all the features of Ultra® Sensitive with Secure Fit® technology with FogFree® strip on inner layer
- Not made with natural latex rubber
- Made in the USA

Pictured: GCFXCXSF



Ultra® Sensitive FogFree™ Earloop Mask w/ Shield w/ Secure Fit® Mask Technology

- BFE = 99.9% @ 3 microns
- PFE = 99.8% @ 0.1 micron
- Provides all the features of Ultra® Sensitive FogFree® with Secure Fit® technology with attached optically clear, distortion-free shield
- Not made with natural latex rubber
- Made in the USA

Pictured: GCPWSSF



Ultra® Earloop w/ Secure Fit® Mask Technology

- BFE = 99.9% @ 3 microns.
- PFE = 99.8% @ 0.1 micron
- Patent pending design with aluminum strip under chin for tight, custom fit
- Fluid resistant white inner
- Extra-long aluminum nose piece
- Fluid resistant outer layer layer.
- Not made with natural latex rubber
- Made in the USA

Pictured: GCFXCXUSF



Procedural Earloop Mask

- BFE = 99.9% @ 3 microns
- PFE = 99.7% @ 0.1 micron
- Fluid resistant outer layer
- Fluid resistant white inner layer

Pictured: GCPLV

- Extra-long aluminum nose piece
- Not made with natural latex rubber
- Made in the USA



Surgical Tie-on

- BFE = 98% @ 3 microns
- PFE = 99.2% @ 0.1 micron
- Fluid resistant outer layer
- Fluid resistant white inner layer

Pictured: GCS

- Extra-large panel for surgical procedures
- Extra-long aluminum nose piece
- Not made with natural latex rubber



Isofluid® Earloop Mask

- BFE = 98.4% @ 3 microns
- PFE ≥ 95% @ 0.1 micron
- Fluid resistant outer layer
- White tissue inner layer
- Extra-long aluminum nose piece
- Not made with natural latex rubber
- Made in the USA

Pictured: GCISA



Isofluid FogFree® Earloop Mask w/ Secure Fit® Mask Technology

- BFE = 98.4% @ 3 microns
- PFE ≥ 95% @ 0.1 micron
- Provides all features of Secure Fit® Isofluid with addition of FogFree® strip on inner layer
- Not made with natural latex rubber
- Made in the USA

Pictured: GCIBLSF



Isofluid FogFree® Earloop Mask w/ Shield w/ Secure Fit® Mask Technology

- BFE = 98.4% @ 3 microns
- PFE ≥ 95% @ 0.1 micron
- Provides all features of Secure Fit® Isofluid FogFree® with attached optically clear, distortion-free face shield
- Not made with natural latex rubber
- Made in the USA

Pictured: GCIPWBSF

Also available:

Isofluid FogFree™ Earloop
Isofluid FogFree™ Earloop with Shield

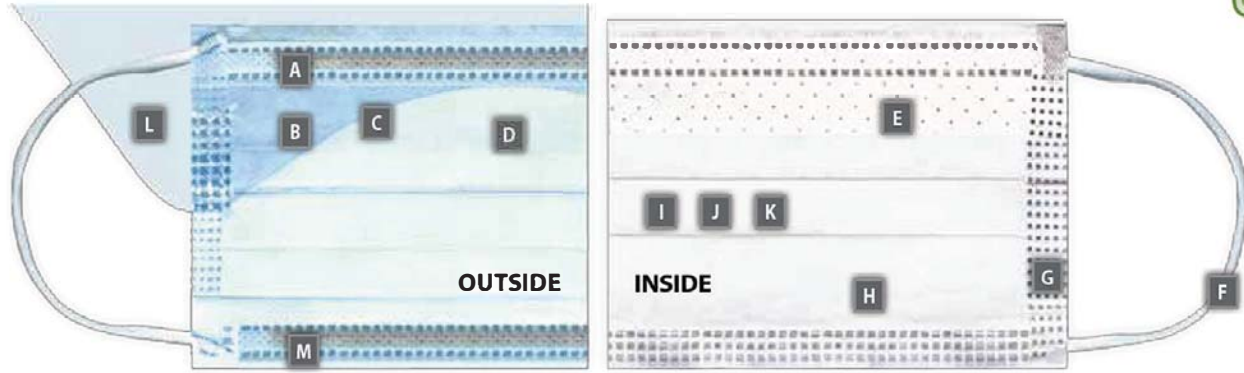
Additional Face Protection Products



Face Shield

- Optically clear, distortion-free wrap-around face shield
- 1.5" foam headband holds shield away from face; "floats" lightly on forehead, with no pressure on temples; vented for increased air flow
- Protects mask and face from direct splatter; may prolong mask life
- Sonically welded elastic headband for added strength
- Anti-fog treatment on inside and outside of shield
- Not made with natural latex rubber
- Made in the USA

Pictured: Full length 9" Clear Face Shield and ¾ length 7" Clear Face Shield



- A** Extra-long, enclosed aluminum nose piece forms a strong seal for maximum protection.
- B** Spunbond outer layer material for maximum protection against fluids.
- C** Facial tissue outer layer is ultrasoft and odorless.
- D** Vapor barrier uniquely placed on outside layer to prevent fogging.
- E** FogFree/No-Fog strip blocks and absorbs moisture; forms a strong seal to prevent fogging; cushions nose ridge.
- F** Secure Loop earloops are soft, strong, fit comfortably, and attached to outside of mask to eliminate irritation.
- G** Sof-Bond® ultrasonics ensures strongest construction, eliminating holes and defects.
- H** Highest quality filter media for best ASTM rating, filtration value and breathability.
- I** Cellulose inner layer for sensitive skin (white, extra soft, hypoallergenic) will not lint, tear or shred; void of dyes, inks and chemicals, which can cause irritation.
- J** Tissue inner layer is made of white, soft facial tissue.
- K** Spunbond inner layer made of white, fluid-resistant material.
- L** Attached wrap-around face shield is optically clear and distortion-free.
- M** The Secure Fit® aluminum strip under chin significantly reduces gapping at the top, sides and bottom of the mask.

• All Crosstex face masks are not reusable
• Not made with natural latex rubber



Ultra® Sensitive Earloop

- BFE = 99.9% @ 3 microns
- PFE = 99.8% @ 0.1 micron
- Fluid resistant outer layer
- White hypoallergenic inner cellulose layer
- Extra soft – will not lint, tear or shred
- Free of chemicals, inks and dyes
- Extra-long aluminum nose piece
- Not made with natural latex rubber
- Made in the USA

Pictured: GCFCXS



Ultra® Earloop

- BFE = 99.9% @ 3 microns
- PFE = 99.8% @ 0.1 micron
- Fluid resistant outer layer
- Fluid resistant white inner layer
- Extra-long aluminum nose piece
- Not made with natural latex rubber
- Made in the USA

Pictured: GCFCXU



Ultra® FogFree™ Earloop w/ Shield

- BFE = 99.9% @ 3 microns
- BFE = 99.8% @ 0.1 micron
- Fluid resistant outer layer
- Fluid resistant white inner layer
- Unique FogFree™ with optically clear, distortion free wrap around shield
- Not made with natural latex rubber
- Made in the USA

Pictured: GCPW

Also available:

- Ultra® Sensitive FogFree™ Earloop
- Ultra® Sensitive FogFree™ Earloop with Shield

Also available:

- Ultra® FogFree™ Earloop
- Ultra® FogFree™ Earloop with Shield



Isofluid® Plus Earloop

- BFE = 99.8% @ 3 microns
- PFE = 99.01% @ 0.1 micron
- Fluid resistant outer layer
- White hypoallergenic inner cellulose layer
- Extra-long aluminum nose piece
- Extra soft – will not lint, tear or shred
- Not made with natural latex rubber
- Made in the USA

Pictured: GPLUSPK



Isofluid® Plus Pure w/Secure Fit® Mask Technology

- BFE = 99.8% @ 3 microns
- PFE = 99.01% @ 0.1 micron
- Fluid resistant outer layer
- White hypoallergenic inner cellulose layer
- Extra-long aluminum nose piece.
- Extra soft – will not lint, tear or shred
- Not made with natural latex rubber
- Made in the USA

Pictured: GPLUSWHF

Award Winning Crosstex Masks



| | |
|------|------|
| 2008 | 2011 |
| 2009 | 2012 |
| 2010 | |



**The Dental Advisor:
Top Masks:**

- Secure Fit® Masks

| | |
|------|------|
| 2012 | 2015 |
| 2013 | 2016 |
| 2014 | |

Patient Protection

**See-Clear®
Eyeglass Wipes**

- Effective cleaning for eyewear and face shields
- 4" x 5.5" wipes are anti-fog, anti-static
- Will not scratch, dries quickly
- Not made with natural latex rubber
- Made in the USA
- Ref #SEEC



Patient Safety Mask with Shield

- U.S. Patent No's 6,185,740 and 6,523,170
- Covers patient's eyes and nose
- Protects fragile eye and mucosal tissue from flying particles, spray and splatter
- Makes patients feel safe, but not "in the dark," with attached clear-vision shield
- Form-fitting profile, flexible materials provide maximum access to mouth
- White spunbond inner and outer layers
- Fluid resistant
- Not made with natural latex rubber
- Made in the USA

Pictured: GCPAT

MASKENOMICS 101™

Understanding ASTM Face Mask Performance Levels

Selecting the appropriate mask for a particular procedure is a critical component of your Personal Protective Equipment (PPE) protocol. Although masks may look similar, each mask has notable differences affecting the performance and level of fluid resistance and particle filtration. Understanding the ASTM performance level of each face mask can help make the selection process easier and

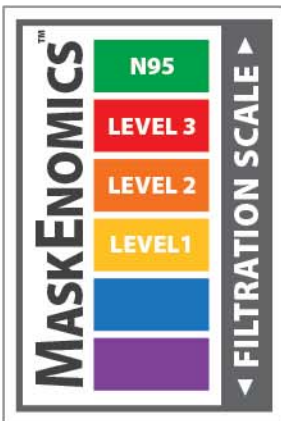
ensure your mask will provide the appropriate protection to minimize the spread of potentially infectious diseases.

Medical face mask materials covered under ASTM specifications are designated as one or more of the following performance levels based on the barrier performance properties of the materials used:

ASTM F2100-11 STANDARDS

| | ASTM Level 1 | ASTM Level 2 | ASTM Level 3 |
|--|--------------|--------------|--------------|
| FLUID RESISTANCE, mmHg | 80 | 120 | 160 |
| BFE | ≥ 95% | ≥ 98% | ≥ 98% |
| PFE, @ 0.1 micron | ≥ 95% | ≥ 98% | ≥ 98% |
| DELTA P, mm H ₂ O/cm ² | < 4.0 | < 5.0 | < 5.0 |
| FLAME SPREAD | Class 1 | Class 1 | Class 1 |

What the terms mean:



Crosstex makes the selection process easy with the MaskEnomics™ rating system, designed to assist you in the decision making process by categorizing all Crosstex face masks by the level of filtration they provide... from minimum to maximum performance. Just look to the symbols displayed to find the appropriate level of filtration for the procedure to be performed.

FLUID RESISTANCE represents the mask's resistance to penetration by synthetic blood under pressure (mmHg). It measures the ability of a mask's material construction to minimize fluids from traveling through the material and potentially coming into contact with the wearer. The higher the fluid resistance (filtration), the better the protection.

BFE (Bacterial Filtration Efficiency) represents the percentage of aerosol particulates filtered at a size of 3 microns. It is the measure of the efficiency of the mask in filtering bacteria passing through it.

PFE (sub-micron Particulate Filtration Efficiency) represents the percentage of submicron particulates filtered at 0.1 microns. PFE is the measure of the efficiency of the mask in filtering particles passing through it. The size of the particles filtered is critical.

DELTA P (Differential Pressure) represents the pressure drop across the mask or resistance to air flow in mmH₂O/cm². This determines breathing resistance – the higher the Delta P, the less the breathability, but the better the filtration.

FLAME SPREAD is a ranking derived by laboratory standard test methodology of a material's propensity to burn rapidly and spread flames.

SOURCE: ASTM Standard specification for performance of materials used in medical face masks – F2100-11 Standard.

Ordering Information

| Description | Quantity | Ref. # | Description | Quantity | Ref. # |
|---|----------|-----------|--|----------|-----------|
| Isolite® Earloop | | | Procedural Earloop (continued) | | |
| Blue | 50/Box | GCLBL | Pink | 50/Box | GCPPK |
| Pink | 50/Box | GCLPK | Yellow | 50/Box | GCPYE |
| Yellow | 50/Box | GCLYE | Blue, Bulk Pack | 100/Box | GCPBL100 |
| Surgical Molded | | | Surgical Tie-on | | |
| Blue | 50/Box | GCBL | Blue | 50/Box | GCS |
| Pink | 50/Box | GCPK | Ultra® Sensitive Earloop w/ Secure Fit® Mask Technology | | |
| Isofluid® Earloop w/ Secure Fit® Mask Technology | | | White | 50/Box | GCFCXSSF |
| Blue | 50/Box | GCIBLSF | Ultra® Sensitive FogFree™ Earloop w/ Secure Fit® Mask Technology | | |
| Lavender | 50/Box | GCILVSF | White | 40/Box | GCFCXSFSF |
| Pink | 50/Box | GCIPKSF | Ultra® Sensitive FogFree™ Earloop w/ Shield w/ Secure Fit® Mask Technology | | |
| Isofluid FogFree® Earloop w/ Secure Fit® Mask Technology | | | White | 25/Box | GCPWSSF |
| Blue | 40/Box | GCICXBSF | Ultra® Earloop w/ Secure Fit® Mask Technology | | |
| Isofluid FogFree® Earloop w/ Shield w/ Secure Fit® Mask Technology | | | Blue | 50/Box | GCFCXUSF |
| Blue | 25/Box | GCIPWBSF | Ultra® Sensitive Earloop | | |
| Isofluid® Earloop | | | White | 50/Box | GCFCXS |
| Blue | 50/Box | GCIBL | Ultra® Sensitive FogFree™ Earloop | | |
| Green | 50/Box | GCIGR | White | 40/Box | GCFCXS |
| Lavender | 50/Box | GCILV | Ultra® Sensitive FogFree™ Earloop w/ Shield | | |
| Pink | 50/Box | GCIPK | White | 25/Box | GCPWS |
| Sapphire | 50/Box | GCISA | Ultra® Earloop | | |
| Teal | 50/Box | GCITE | Blue | 40/Box | GCFCXU |
| Topaz | 50/Box | GCITZ | Ultra® FogFree™ Earloop | | |
| Turquoise | 50/Box | GCITQ | Blue | 40/Box | GCFCX |
| Blue, Bulk Pack | 100/Box | GCIBL100 | Ultra® FogFree™ Earloop w/ Shield | | |
| Isofluid FogFree® Earloop | | | Blue | 25/Box | GCPW |
| Blue | 40/Box | GCICXB | Isolator Plus™ N95 Particulate Respirator | | |
| Sapphire | 40/Box | GCICXS | Blue/white stripe | 28/Box | GPRN95 |
| Topaz | 40/Box | GCICXZ | Face Shield | | |
| Turquoise | 40/Box | GCICXT | 3/4 length (7") Clear | 24/Box | GCSS |
| Isofluid FogFree® Earloop w/ Shield | | | 3/4 length (7") Clear, Bulk Pack | 72/Box | GCSSB |
| Blue | 25/Box | GCIPWB | Full length (9") Clear | 18/Box | GCSS9 |
| Sapphire | 25/Box | GCIPWS | Full length (9") Clear, Bulk Pack | 72/Box | GCSS9B |
| Topaz | 25/Box | GCIPWZ | Patient Safety Mask w/ Shield | | |
| Turquoise | 25/Box | GCIPWT | White | 25/Box | GCPAT |
| Isofluid® Plus Earloop | | | See-Clear® Eyeglass Wipes | | |
| Blue | 50/Box | GPLUSBL | | 120/Box | SEEC |
| Kaleidoscope | 50/Box | GPLUSKA | See-Clear® is a registered trademark of Professional Disposables International, Inc. | | |
| Pink | 50/Box | GPLUSPK | All copyrights and trademarks are property of Crosstex International, Inc. unless otherwise specified. | | |
| Isofluid® Plus Pure w/ Secure Fit® Mask Technology | | | CROSSTEX® | | |
| White | 50/Box | GPLUSWHSF | A CANTEL MEDICAL COMPANY | | |
| Procedural Earloop w/ Secure Fit® Mask Technology | | | 959 Illinois Avenue, Suite B | | |
| Blue | 50/Box | GCPBLSF | Maumee, OH 43537 USA | | |
| Lavender | 50/Box | GCPLVSF | Tel: (567) 803-1220 (800) 860-1888 | | |
| Pink | 50/Box | GCPPKSF | Fax: (419) 666-1715 E-mail: productorders@crosstex.com | | |
| Procedural Earloop | | | SterilizationProducts.com | | |
| Blue | 50/Box | GCPBL | California • Colorado • Georgia • New York • Ohio • Pennsylvania • Argentina • Japan • Singapore • The Netherlands | | |
| Lavender | 50/Box | GCPLV | | | |

Crosstex can make no warranties or representations, either expressed or implied, that these products will fully protect the user from exposure to blood or bodily fluids or risk of contracting infectious diseases. OSHA requires the employer to evaluate the anticipated exposure and select the appropriate protective masks to prevent contamination of skin, eyes and respiratory passages.