

PROTECH MEDICAL

RADIATION SAFETY

MANUFACTURED IN THE USA

2020



ABOUT US

In 1986, Ronald Parasmó, a licensed optician in the state of Florida, was approached with an unusual request to repair leaded eyewear. The glasses belonged to a doctor and were used as protection against ionizing radiation. Ron quickly found the required materials to fix the eyewear and repaired them like new. The gentleman who sent Ron the eyewear was so impressed with the quality of his work that he began referring additional jobs. As time went on, the demand for repairs on lead glasses grew rapidly. Ron sought to begin work on his own line of radiation protective eyewear as a primary focus.

By 1991, Ron had improved upon existing radiation safety eyewear by developing his own modern line. Working diligently in the office and at home, Ron nurtured his growing venture until Protech was incorporated in 1994.

In 1997, Protech developed one of the most popular gloves on the market today, the ProGuard radiation reducing gloves for fluoroscopic procedures. The following year, the gloves were brought to market with FDA 510(k) approval and quickly rose to be the number one glove in the world.

Fulfilling Ron's commitment to high quality products, in 1999, Protech became ISO certified and gained CE on its gloves and eyewear. In the early 2000s, with the success of gloves and eyewear inspiring further growth, Protech set out on a mission to become the one-stop-shop for radiation protection apparel by introducing its own line of high quality, light weight aprons. Through the efforts of many great employees, the apron business took root. In 2004, with aprons becoming firmly established along with the introduction of storage and barrier products, Protech had officially transitioned from market disruptor to a mature, full-scale radiation apparel manufacturer.

In 2014, Ron's son Jarrod joined Protech's team to modernize and revitalize the business through the development of different technology platforms and marketing campaigns. Fast-forward to today, Protech is now one of the most recognized manufacturers of radiation safety products in the world; known for its quality and service. We offer a wide variety of products to keep you adequately protected, including: non-lead aprons, leaded eyewear, fluoroscopic procedure gloves, lead acrylic barriers, inventory management solutions, sales software and other innovative solutions. Jarrod has proudly assumed the role as President and is currently leading the Protech family into a new period of growth and innovation

MISSION STATEMENT

Our mission is to keep you safe by reducing your exposure to ionizing radiation and its harmful effects while offering innovative, lightweight and stylish solutions. Protech employs a team of professionals that takes great pride in the quality of its products. This is largely due to a leadership that is focused on quality and expert craftsmanship. Our entire staff understands the importance of the products we manufacture and how they contribute to your wellbeing.

Protech's concern is, and will always be, your safety.

Quality. Service. Integrity: COMPROMISE ELSEWHERE.



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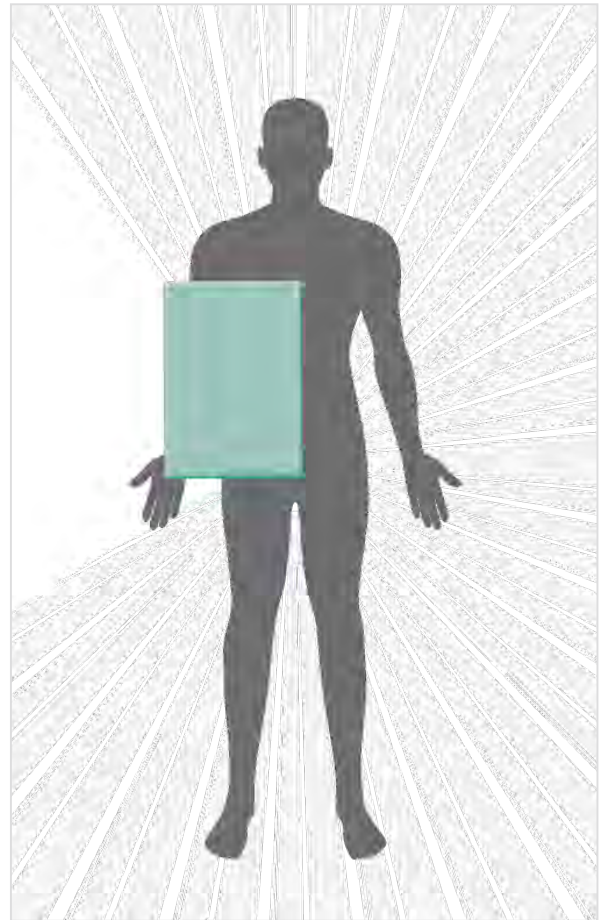
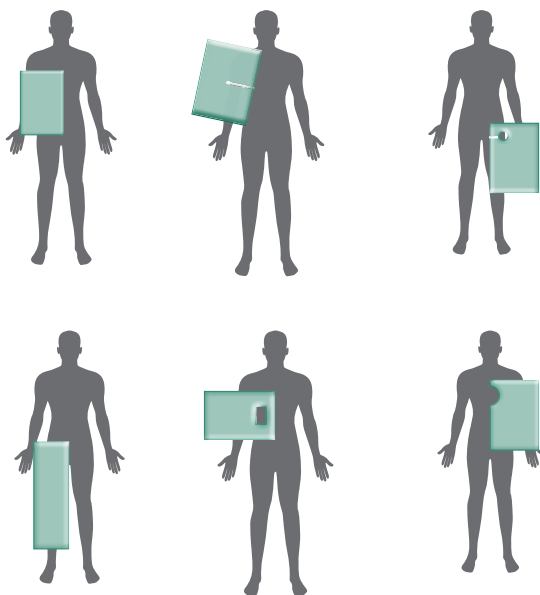
WHAT'S NEW

01

SCATTERGUARD PATIENT DRAPES

During procedures requiring fluoroscopy, direct beam radiation contacts a patient and “scatters” towards the surgeon and other personnel. **“The scattered radiation from the patient comprises the main source of radiation dose to staff.” – International Atomic Energy Agency**

Protect yourself and your team with Scatterguard drapes. Tested in accordance with ASTM and IEC standards, ScatterGuard products provide excellent protection for fluoro-lab and operating suite personnel during interventional procedures. They are lightweight, lead free, conform to the patient’s body and are disposable through normal waste procedures.



LEAD FREE



LATEX FREE



STERILE



DISPOSABLE



FLEXIBLE

PROTECTION PROPERTIES

LEAD EQUIVALENCE (LE)	ATTENUATION AT 90KVP
0.125mm	>= 75%
0.25mm	>= 90%
0.375mm	>= 95%

02



QUICKSHIP APRONS

Protech's line of high quality, quickship aprons are ready to ship at a moments notice. Choose from our premium, ultralite lead and lead-free options or save with our regular lead selections.

Our premium quickship aprons are fluid proof, anti-microbial and stain resistant.

Get your apron now! No order forms required.

FOR MORE INFO ABOUT QUICKSHIP APRONS, PLEASE SEE PAGE 13



03

PROGUARD 360

Protech has created a comprehensive range of radiation attenuation gloves for all of your needs. From lead with latex to lead-free & latex-free, Protech has every option of glove, unified under brand, sizing, design, and quality. Our premium product is sold by the pair or pallet.

Sample the world's #1 glove brand today.



PROGUARD APRONS



Protech Medical has some of the most professional sewing staff in the industry. Our ProGuard aprons are hand-crafted in the USA and tailored according to your needs.

Premium quality and a high degree of customization play an important role in our company's success. Furthering our commitment to high quality, Protech is ISO certified and has attained CE on its products.

ProGuard aprons are number one in custom and come in 5 durable, lightweight core material options that are made from the highest quality raw materials and most advanced manufacturing techniques available.

COLOR OPTIONS

- Refer to pages 32-35 for apron colors.

SIZING & MEASUREMENTS

- Refer to pages 36-37 for sizing information.

Our core materials are tested at various kVp ranges and in accordance with ASTM guidelines and European IEC regulations. Protech tests its materials annually and always has the test results on hand to be sent to you at your request. Protech's vinyl based core materials are the most lightweight materials in the industry. Our lead materials are available to ship worldwide in a variety of thicknesses and quantities.



THE PROGUARD DIFFERENCE

Light-weight, improved flexibility, and increased durability, our ProGuard Aprons possess advanced polymer technology and are hand-crafted. This technology is a key feature in all apron lead types at no extra cost to you. Your aprons go beyond the competition and will feel lighter and last longer. To truly set our quality apart from the competition, ProGuard aprons include the premium features shown below.



A COMMITMENT TO QUALITY

With full time quality control staff and ISO certification, you are getting the best in American made protective apparel.



PROGUARD ULTRA-FLEX VINYL

ProGuard ultra-flex vinyl features more flexibility and durability which provides superior comfort.



2 YEAR WARRANTY

Protech guarantees the quality and workmanship of its aprons for two years against manufacturer defects.



NON-SLIP FABRIC ON SKIRT INTERIOR

Included for free, our premium non-slip fabric improves the fit of your skirt by reducing sliding and shifting.



BUCKLE SETS IN VEST SKIRTS & WRAP AROUND APRONS

Adjustable buckle sets are now included on all vest, skirt, and wrap-around apron purchases. Buckle sets help you tighten your apron and improve the overall comfort and fit of the apron.



IN-HOUSE EMBROIDERY & LOGOS

Don't let your apron "disappear." Our embroidery and logos are done in-house with modern monogram machines and the latest in digitization technology.



ECO-FRIENDLY LEAD FREE

Proguard lead free core materials are recyclable and non-toxic.



CUSTOM APRONS ARE OUR SPECIALTY

We specialize in designing tailor made aprons. Choose from over 100 colors for your apron's exterior color, interior color, and binding. When you're finished, you can add embroidery, logos and other add-ons for a truly tailored experience.



LUXRAY PATTERNS

LuXRay offers patterned accents on the apron's sides and shoulders combined with an optional matching design on your thyroid collar.

TECHNICAL SPECIFICATIONS

K-EDGE TECHNOLOGY

Each ProGuard core material is carefully formulated to more efficiently attenuate portions of the photon spectrum and limit “gaps” in protection due to over reliances on individual x-ray protective elements. Protech utilizes proper elemental balance to address k-edge concerns for key diagnostic imaging ranges. Protech’s advanced elastomers exhibit the best balance of toughness, flexibility, durability and cracking resistance.

* Antimony/barium provide more efficient attenuation of the photon spectrum below the K-edge window of lead (35 - 88 keV)

* Higher Z elements, tungsten, bismuth and lead are more efficient for stopping higher energy radiation (>9/88 keV), and also cover the K-edge fluorescence window of antimony (< 35 keV).

STANDARD LEAD

Protech's standard lead is an affordable, highly protective lead vinyl material providing consistent x-ray protection throughout a wide range of kV.
IEC certified.

ULTRALITE LEAD

Ultralite Lead is a lightweight, flexible x-ray protection material created from a mixture of antimony, lead, and durable vinyl. Ultralite lead is roughly 13% lighter than our lead product. (aka T-lite) IEC certified.

PROLITE LEAD-FREE IEC

Prolite Lead-Free IEC is a light weight, highly flexible x-ray protective material made up of a more concentrated blend of antimony, bismuth, and plasticizers. Prolite IEC is 15% lighter than our lead product. (aka Supreme) IEC Certified.

PROLITE LEAD-FREE ASTM

Prolite Lead-Free ASTM was developed as a cutting edge, flexible x-ray protective material composed of antimony, bismuth, and optimized plasticizers. Prolite ASTM is 20% lighter than our lead product.

BI-LAYER (PREMIER)

Our Bi-layer material is an ultra-light weight lead-free, multi-layered, x-ray protective material designed with individual layers of antimony and bismuth that optimize attenuation values for k-edge protection over a wide range of kV. Bilayer is 24% lighter than our lead product and one of the lightest IEC certified materials available.

MANUFACTURER INFORMATION

FDA LISTING

OWNER/OPERATOR #: 10025412
FDA LISTING NUMBER: D048258
PRODUCT CODE: IWO
DEVICE CLASS: #1
REGULATION #: 892.6500
OSHA REGULATION: 1910.1096

QUALITY SYSTEM

ISO 9001
EU 2016/425, MODULE D



COMPLIANCE STANDARDS

EN 61331-1:2014: (EU) Protective devices against Diagnostic Medical X-ray radiation. (Determination of attenuation properties of material)

EN 61331-3:2014: (EU) Protective devices against diagnostic medical X-radiation Part 3: Protective clothing, Eyewear and Protective Patient shields.

ASTM 2547-06: (USA) Standard test method for determining the attenuation properties in a primary x-ray beam of materials used against radiation.

ASTM 2547-18: (USA) Standard test method for determining the attenuation properties in a primary x-ray beam of materials used against radiation.



WARRANTY

Protech's high quality garments ("Garments", aka PPE or Aprons) include; aprons, thyroid collars, gloves, dental aprons, reproductive aprons, and lead accessories. The Garments are warranted to be free of defects in materials and workmanship to the original purchaser for TWO years. If a defect appears, this card along with the date of purchase and explanation of defect must be returned to the company of original purchase.

Upon evaluation, Protech will either repair or replace the defective item or part without charge to the purchaser. This warranty is void when the product has been tampered with, when repairs or attempted repairs have been made by unauthorized persons, or when the item has been subject to misuse, abuse or damage in transit. No charges will be accepted or reimbursed for unauthorized parts, repairs or services.

Please contact your local representative for return instructions. All returns, repairs, or exchanges, regardless of reason, must be accompanied by an authorized RMA. Customer should make available the Purchase Order # or relevant sales information.

APRON CORE MATERIAL SPECIFICATIONS

LEAD

	Lead 0.25mm	Lead 0.35mm	Lead 0.50mm	Lead 1.00mm
Composition	Lead	Lead	Lead	Lead
g/m ²	3300	4950	6600	13,200
Testing Standard	IEC 61331-1:2014	IEC 61331-1:2014	IEC 61331-1:2014	IEC 61331-1:2014
kV Class Range	50 - 150 kV	50 - 150 kV	50 - 150 kV	50 - 150 kV
Layers	1	2	2	4
Surface Weight	4.54 kg/m ²	6.07 kg/m ²	7.65 kg/m ²	14.01 kg/m ²

ULTRALITE LEAD

	Ultralite Lead 0.25mm	Ultralite Lead 0.35mm	Ultralite Lead 0.50mm	Ultralite Lead 1.00mm
Composition	Lead + Antimony	Lead + Antimony	Lead + Antimony	Lead + Antimony
g/m ²	2900	4350	5800	11,600
Testing Standard	IEC 61331-1:2014	IEC 61331-1:2014	IEC 61331-1:2014	IEC 61331-1:2014
kV Class Range	50 - 150 kV	50 - 150 kV	50 - 150 kV	50 - 150 kV
Layers	1	2	2	4
Surface Weight	4.06 kg/m ²	5.55 kg/m ²	6.91 kg/m ²	11.96 kg/m ²

PROLITE LEAD FREE (IEC)

	Lead Free (IEC) 0.25mm	Lead Free (IEC) 0.35mm	Lead Free (IEC) 0.50mm	Lead Free (IEC) 1.00mm
Composition	Bismuth + Antimony	Bismuth + Antimony	Bismuth + Antimony	Bismuth + Antimony
g/m ²	2800	4200	5600	11,200
Testing Standard	IEC 61331-1:2014	IEC 61331-1:2014	IEC 61331-1:2014	IEC 61331-1:2014
kV Class Range	50 - 110 kV	50 - 110 kV	50 - 110 kV	50 - 110 kV
Layers	1	2	2	4
Surface Weight	3.65 kg/m ²	4.89 kg/m ²	6.29 kg/m ²	11.62 kg/m ²

PROLITE LEAD FREE ASTM (SUPREME)

	Lead Free ASTM 0.25mm	Lead Free ASTM 0.35mm	Lead Free ASTM 0.50mm
Composition	Bismuth + Antimony	Bismuth + Antimony	Bismuth + Antimony
g/m ²	2675	4012.5	5325
Testing Standard	ASTM 2547-08	ASTM 2547-08	ASTM 2547-08
kV Class Range	90 kV	90 kV	90 kV
Layers	1	2	2
Surface Weight	N/A	N/A	N/A

BILAYER (PREMIER)

	Bilayer 0.25mm	Bilayer 0.35mm	Bilayer 0.50mm
Composition	Bismuth + Antimony	-	Bismuth + Antimony
g/m ²	2550	-	5100
Testing Standard	IEC 61331-1:2014	-	IEC 61331-1:2014
kV Class Range	50 - 110 kV	-	50 - 110 kV
Layers	2	-	4
Surface Weight	3.13 kg/m ²	-	6.21 kg/m ²

QUALITY AND TRANSPARENCY

Protech is an industry leader in high quality x-ray protective products. It is our mission to educate healthcare professionals on what is inside their apron. The below tables present fully transparent details on what our apron product is composed of and how it protects you.

APRON SERVICES

AND ADDITIONAL APRON INFO

SPONSORSHIPS | CHARITY

Protech sponsors educational events worldwide. We are currently working with partners throughout the world to ensure adequate protection is available during fluoroscopic procedures. If you manage a trade show and would like temporary aprons sent over, please give us a call.

INTELLITRACK INVENTORY MANAGEMENT

Track and manage your radiation protective apparel and equipment with IntelliTrack. IntelliTrack is an enterprise level, cloud-based software that offers robust functionality and reporting to easily pass The Joint Commission (TJC) inspections. Its RFID capabilities enable you to quickly scan and inspect multiple aprons at the same time. For more information, see pages 12-13.

RENTAL APRONS

Rental aprons are essential for continuous education courses, cadaver workshops, or any other event that requires the use of fluoro and radiation protective apparel. There is no need to purchase and hold all of that inventory. Protech has a large selection of in stock apron rentals available to ship year round.

LEAD DISPOSAL

Aprons containing lead must be disposed of carefully. Protech provides an in-house replacement service for this very occasion. Our disposal service is free with the purchase of any new apron! There are always additional offers available so feel free to call and get hassle free disposal of your lead, today.

STORAGE

When not in use, garments should be placed on a hanger or stored using Protech's apron storage equipment. Avoid contact with hot surfaces or exposure to direct sunlight. Also avoid contact with sharp objects, as these may damage the garment's protective core material. For transportation, garments should be carefully rolled up, not folded, and placed into a box or Protech duffle bag.

CLEANING

DO's

Clean most dirt and stains (blood, bodily fluids, barium contrast media) using designated apron cleaning solutions or mild household soaps in diluted form. To apply cleaning fluid, please use a cloth or wipe and always use cold water.

DONT's

While it is possible, we DO NOT recommend you machine wash or dry your apron. Do not use hot or warm water. Do not iron or autoclave.



QUICKSHIP APRONS

FAST, EASY, AND AFFORDABLE

Tired of waiting weeks for your apron? Do you need protection now? Protech's line of high quality, quickship aprons are ready to ship at a moments notice. Choose from a selection of premium style aprons with feature-rich add-ons or pinch a penny with cost effective economy styles.

NO ORDER FORMS REQUIRED!

QUICKSHIP APRON LEAD TIME 24 - 48 HOURS	VERSUS	AVERAGE APRON LEAD TIME 2-4 WEEKS
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	PROLITE LEAD FREE IEC	ULTRALITE	LEAD
AVAILABLE STYLES	Flexback Vest Skirt 3/4 Overlap Dental Apron	Flexback	Flexback Vest Skirt 3/4 Overlap Dental Apron
LEAD EQUIVALENCY	0.50mm	0.50mm	0.50mm
FABRIC	Black, Blue, Red, Teal (Satinguard Anti-microbial Fabric)	Black, Blue (Satinguard Anti-microbial Fabric)	Black, Blue (Satinguard Anti-microbial Fabric)
SIZES	SM-2XL*	SM-XL	SM-XL
LEAD TIME*	24 hours	24 hours	24 hours
THYROID COLLAR	✓	✓	✓
POCKET	✓	✓	✓

*2XL size available for Flexback apron only

**Time to ship after order confirmation.

CLOUD BASED INVENTORY MANAGEMENT TRACKING

Protech introduces IntelliTrack: The intelligent way to track and manage your radiation protective apparel and equipment. IntelliTrack offers RFID capabilities that enable you to quickly scan and inspect multiple aprons at the same time. Passing The Joint Commission (TJC) inspections will no longer be a burden with IntelliTrack's cloud based functionality and easy reporting. IntelliTrack is an enterprise level software designed with flexibility and efficiency in mind to meet any of your unique needs.



"LITE" PACKAGE

Tight budget? We understand. IntelliTrack can be offered in a more affordable package. IntelliTrack Lite provides all the same great features such as robust reports, intuitive support tools, and easy to use inspection software. Try IntelliTrack Lite today for free for one year!



"ENTERPRISE" PACKAGE

A perfect fit for any organization, IntelliTrack's enterprise package includes lifetime email and phone support, free additional reports, fast tracked software improvement recommendations, and our exclusive RFID technology.

	LITE Package	ENTERPRISE Package
Users	Unlimited*	Unlimited*
Annual Fees (After 1st year)	Yes	Yes
License Fee	\$0	Varies**
RFID Technology	Unavailable	Available
Technical Support	Limited	Unlimited



* Multiple User Assignments, including admin



** License Fee varies on organization size

BACKED BY INDUSTRY LEADERS

"We were a part of IntelliTrack's initial development team. It was amazing seeing our recommendations being added to the software almost immediately. IntelliTrack's use of RFID technology vastly improved our inspection process and their reports made passing The Joint Commission inspections as simple as a push of a button." --- Central Main Medical Center

"At first, IntelliTrack appeared to be overwhelming, but Jarrod helped us every step of the way. Whenever there was an issue, a brief call to IntelliTrack's professional team quickly helped resolve it. Thanks to IntelliTrack, managing our inventory is easy, and inspections are even easier." --- Central Florida Regional Hospital

"We helped test IntelliTrack's beta software. Needless to say, we have been with them since the beginning. Their team was highly professional and really listened to what we wanted in our inspection software. They delivered." --- Lowell General

WHY INTELLITRACK?

Why choose IntelliTrack? The Joint Commission is cracking down on hospitals who have missing aprons and do not effectively manage or inspect their radiation protective apparel. Once you become an IntelliTrack customer, all garments purchased on or after that date come with their data already entered into IntelliTrack and a Smart Tag professionally sewn into the apron. Your radiation protective apparel will be managed from the minute your order is placed to the moment you need to replace or reorder. IntelliTrack will save you time and money whether you are looking to improve your inspection process or simply want to manage your apron inventory more effectively.



ADVANCED REPORTS

Generate custom reports for you and The Joint Commission. Can't find the report you're looking for? Our support team will gladly create it for you.



INTUITIVE DESIGN

IntelliTrack was designed with you in mind. With user-friendly tools and simple navigation, IntelliTrack will greatly improve the quality of your inspection process.



INVENTORY AND ORDER TRACKING

Track your apron orders and be prepared for the future in hospital-wide inventory tracking solutions. Streamline data entry and improve reporting accuracy.



GROUP INSPECTION AND EDITING

Record inspection results for large groups of aprons at one time. Simplify inventory and inspection management with IntelliTrack's unique group editing features.



RFID TECHNOLOGY FOR RANGED SCANS

Easily scan and access your apron's information from a distance. Group scan up to 30 stacked aprons with no limits on the total number of aprons scanned.



ACCESSIBLE FROM ANY DEVICE

IntelliTrack is as adaptable as you need it to be. The easy-to-use interface can be accessed from your desktop, smartphone or tablet without any complications.

“ We wanted a software that could help manage apron inventory and improve inspection accuracy. We felt that the free softwares and apps were inadequate. Some of them even required employees to use their own personal devices. IntelliTrack was the only true enterprise software that delivered on what we were looking for.” --- Stamford Hospital

APRONS | FRONT PROTECTION

	Back Relief Apron	Buckle Apron
Model:	AP-BR	AP-BA
CE Marked:	Yes	Yes
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Buckle	Buckle
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Drop Shoulder, Extra Pocket, Embroidery & Logo	Backstrap, Drop Shoulder, Elastic Back, Extra Pocket, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar, Sleeve
Included Features:	Backstrap, Back Relief Belt	-

BACK RELIEF APRON

MODEL: [AP-BR]

Save yourself from back pain with Protech's Back Relief apron. This apron features a unique padded belt system constructed with a bonded elasticized panel that will not lose its shape. When engaged, the special back relief belt provides lumbar support, while transferring the weight of the apron from your shoulders to your hips. It provides increased comfort and back support throughout the life of the apron. A velcro backstrap is also included to secure the apron around your shoulder area and prevent sliding.

Available Colors: Refer to pages 32-35



BUCKLE APRON

MODEL: [AP-BA]

The Buckle Apron comes standard with an easy-release buckle allowing for quick removal of the apron. The belt is adjustable to accommodate different sizes. Criss-cross back straps provide a secure, comfortable fit.

Available Colors: Refer to pages 32-35



APRONS | FRONT PROTECTION

	Flexback Apron	Surgical Drop Apron
Model:	AP-FB	AP-SD
CE Marked:	Yes	Yes
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro	Velcro
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Drop Shoulder, Extra Pocket, Embroidery & Logo	Extra Pocket, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar
Included Features:	Backstrap, Elastic Back	Hanging Straps

FLEXBACK APRON



MODEL: [AP-FB]

Representing the gold standard for Protech's quality, the Flexback apron provides enhanced back relief and comfort with its excellent weight distribution. Criss-cross back straps are specially designed with elastic to "flex" the apron's weight burden off your shoulders to your hips, thereby providing support to your lower back. A velcro backstrap (shown below) is included and secures the apron around your shoulder area to prevent sliding.

Available Colors: Refer to pages 32-35



SURGICAL DROP APRON

MODEL: [AP-SD]

Maintain your sterile field with the quick release Surgical Drop Apron. Easy-release velcro closures allow the surgical drop to fall even when underneath your scrubs. With padded shoulders and a criss-cross back strap design the surgical drop apron provides maximum comfort for all users. Hanging straps are included to allow for easy storage on any Protech apron rack.

Available Colors: Refer to pages 32-35



APRONS | FRONT PROTECTION

	Tie Apron	Velcro Adjustable Apron
Model:	AP-TIE	AP-VA
CE Marked:	Yes	Yes
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Tie Straps	Velcro
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Extra Pocket, Embroidery & Logo	Backstrap, Drop Shoulder, Extra Pocket, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar, Sleeve
Included Features:	None	None

TIE APRON

MODEL: [AP-TIE]

The Tie Apron is an easy-to-use, affordable option for maximum radiation protection. Utilizing a tie closure, the Tie Apron's criss crossing tie straps ensure a secure and comfortable fit. Pediatric sizing available, see page 37 for size chart.

Available Colors: Refer to pages 32-35



VELCRO ADJUSTABLE APRON

MODEL: [AP-VA]

Do you need comfort and adjustability at an affordable price? The Velcro Adjustable apron has crisscrossing back straps that provide back support while securing the apron around your waist. Wide back straps prevent the apron from slipping around your shoulder and back area. Pediatric sizing available, see page 37 for size chart.

Available Colors: Refer to pages 32-35



APRONS | FRONT & FULL PROTECTION

Urology Apron

Tri-tab Vest Skirt

Model:	AP-UA	AP-TVS
CE Marked:	Yes	Yes
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	Front - 0.50mm (LE) / Back - 0.25mm (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro	Velcro & Buckles
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Back Relief Belt, Drop Shoulder, Extra Pocket, Embroidery & Logo	Elastic Back (skirt), Extra Pocket, Suspenders, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar, Sleeve
Included Features:	Backstrap, Elastic Back	Vest - Elastic Back, Drop Shoulder (left), Skirt - Premium Non-Slip Backing

UROLOGY APRON

MODEL: [AP-UA]

If you sit while performing procedures requiring x-ray, you may be unnecessarily exposing yourself to radiation. The Urology Apron features a three panel system at the bottom of the apron which enable the user to sit comfortably while maintaining maximum coverage from x-ray.

Available Colors: Refer to pages 32-35



TRI-TAB VEST SKIRT



MODEL: [AP-TVS]

With an easy-on, easy-off multi tab (velcro) closure design, the Tri-tab is a popular style for vest and skirt combinations. Velcro closures are located on the left shoulder and around the hips. An elastic back allows for a flexible fit while providing premium comfort and back support. The Tri-tab Vest Skirt reduces excess overlapping lead and is **up to 10% lighter than traditional vest models.**

Available Colors: Refer to pages 32-35



APRONS | FULL PROTECTION

Vest Skirt Apron

Vest Skirt Overlap Apron

Model:	AP-VS	AP-VSFO
CE Marked:	Yes	Yes
Standard Core Thickness:	Front - 0.50mm (LE) / Back - 0.25mm (LE)	Front - 0.50mm (LE) / Back - 0.25mm (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro & Buckles	Velcro & Buckles
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Elastic Back (skirt), Extra Pocket, Suspenders, Embroidery & Logo	Elastic Back (skirt), Extra Pocket, Suspenders, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar, Sleeve
Included Features:	Vest - Buckle Set, 1mm Overlap Skirt - Premium Non-Slip Backing	Vest - Buckle Set Skirt - Premium Non-Slip Backing

VEST SKIRT APRON



MODEL: [AP-VS]

Be prepared for prolonged procedures with the maximum protection Vest Skirt Flexback apron. The two piece design shifts 70% of the weight directly to the hips, reducing back fatigue. The vest features two 0.50mm Pb panels that create a 1.0mm overlap and the skirt comes standard with a premium non-slip fabric in the back.

Available Colors: Refer to pages 32-35



VEST SKIRT OVERLAP APRON

MODEL: [AP-VSFO]

Come prepared for prolonged procedures with the maximum protection Vest Skirt Full Overlap apron. The two piece design shifts 70% of the weight directly to the hips, reducing back fatigue. The Vest Skirt's full overlap design provides larger front panels covering the entire chest. When engaged, each front panel has 0.25mm Pb to provide the 0.50mm Pb combined protection. Reducing the 1.00mm overlap provides a lighter weight than your traditional vest and skirt apron.

Available Colors: Refer to pages 32-35



APRONS | FULL PROTECTION

Vest Skirt Flexback Apron

Vest Skirt Flexback Overlap

Model:	AP-VSFB	AP-VSFBFO
CE Marked:	Yes	Yes
Standard Core Thickness:	Front - 0.50mm (LE) / Back - 0.25mm (LE)	Front - 0.50mm (LE) / Back - 0.25mm (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro & Buckles	Velcro & Belt
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Elastic Back (skirt), Extra Pocket, Suspenders, Embroidery & Logo	Elastic Back (skirt), Extra Pocket, Suspenders, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar, Sleeve
Included Features:	Vest - Buckle Set, Flexback Belt, 1mm Overlap Skirt - Premium Non-Slip Backing	Vest - Buckle Set, Flexback Belt Skirt - Premium Non-Slip Backing

VEST SKIRT FLEXBACK APRON

MODEL: [AP-VSFB]

For maximum back support, the VestSkirt Flexback combines the benefits of a 2-piece vest skirt apron with the added elasticized support of a back relief belt; You control the amount of back support by adjusting the inner elasticized quick release belt. The vest features two 0.50mm Pb panels that create a 1.0mm overlap and the skirt comes standard with an anti slip fabric in the back.

Available Colors: Refer to pages 32-35



VEST SKIRT FLEXBACK OVERLAP

MODEL: [AP-VSFBFO]

For maximum back support, the Vest Skirt Flexback combines the benefits of a 2-piece Vest Skirt apron with the added lumbar support of a back relief belt; You control the amount of back support by adjusting the inner elasticized quick release belt. The Vest Skirt Flexback's full overlap design provides larger front panels covering the entire chest. When engaged, each front panel has 0.25mm Pb to provide the 0.50mm Pb combined protection which reduces excess weight by almost 10%.

Available Colors: Refer to pages 32-35



APRONS | FULL PROTECTION

Wrap Around Back Relief

Wrap Around Full Overlap

Model:	AP-WABR	AP-WAFO
CE Marked:	Yes	Yes
Standard Core Thickness:	Front - 0.50mm (LE) / Back - 0.25mm (LE)	Front - 0.50mm (LE) / Back - 0.25mm (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro & Buckle	Velcro & Buckle
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Extra Pocket, Premium Non-Slip Fabric, Drop Shoulder, Embroidery & Logo	Extra Pocket, Premium Non-Slip Fabric, Drop Shoulder, Embroidery & Logo
Add-ons:	Thyroid Collar, Sleeve	Thyroid Collar, Sleeve
Included Features:	Buckle Set, Back Relief Belt, 1mm Overlap	Buckle Set, Back Relief Belt

WRAP AROUND BACK RELIEF

MODEL: [AP-WABR]

Offering full protection, this back relieving design transfers the weight from your shoulders to your hips with the aid of a 6" lumbar support belt. The Wrap Around Back Relief apron features velcro and buckle closures, a velcro break-away side seam for freedom of movement, and 1.00mm LE when the overlapping panels are engaged. Padded shoulders offer added comfort.

Available Colors: Refer to pages 32-35



WRAP AROUND FULL OVERLAP

MODEL: [AP-WAFO]

Offering full protection, this back relieving design transfers the weight from your shoulders to your hips with the aid of a 6" lumbar support belt. The Wrap Around Full Overlap apron features velcro and buckle closures, a velcro break-away side seam for freedom of movement, and .50mm LE when the overlapping panels are engaged. Padded shoulders offer added comfort. The wraparound full overlap apron eliminates redundant fabric and lead; reducing unnecessary weight and increasing comfort. The two enlarged front panels each contain 0.25mm LE totalling 0.50mm LE when engaged.

Available Colors: Refer to pages 32-35



APRONS | FULL PROTECTION

Wrap Around Flexback

Maternity Apron

	AP-WAFB	AP-MA / PG-MA
Model:	AP-WAFB	AP-MA / PG-MA
CE Marked:	Yes	Yes
Standard Core Thickness:	Front - 0.50mm (LE) / Back - 0.25mm (LE)	Front - 0.50mm (LE) / Back - 0.25mm (LE)
Core Material Options:	All Core Types: See pages 8-9	Lead-Free (LF), Premier (PR), Bilayer (BI)
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro & Buckle	Tie & Buckle
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Sizes:	XS to 4XL (Sizing Chart on page 37)	XS to 4XL (Sizing Chart on page 37)
Customizations:	Extra Pocket, Premium Non-Slip Fabric, Embroidery & Logo	Embroidery & Logo Extra Pocket, Premium Non-Slip Fabric,
Add-ons:	Thyroid Collar, Sleeve	Embroidery & Logo
Included Features:	Elastic Back, Buckle Set, Drop Shoulder (left-s)	Thyroid Collar, Sleeve Buckle Set, Drop Shoulder (left-s)

WRAP AROUND FLEXBACK

MODEL: [AP-WAFB]

Want the ultimate in comfort and protection? The Wrap Around Flexback apron combines the best qualities of our flexback apron with the full protection and back support of our wraparound back relief apron. The elastic stretch-back shifts weight from your shoulders to your hips while tri-tab velcro closures provide an easy-on, easy-off solution for your one-piece apron. The Wrap Around Flexback eliminates excess overlapping lead and is up to **10% lighter than traditional wrap styles**.

Available Colors: Refer to pages 32-35



MATERNITY APRON

MODEL: [AP-MA]

The maternity apron features easy ties and a quick release buckle to secure the back and front panels; allowing complete adjustability during pregnancy. The maternity apron also includes an additional .50mm equivalent half apron for a total of 1.00mm Pb protection over the abdominal area and lower extremities.

Available Colors: Refer to pages 32-35

FRONT PROTECTION
(PG-MA)



FULL PROTECTION
(AP-MA)



DENTAL APRONS

	Dental Apron	Dental Cape	Dental Panoramic Poncho
Model:	AP-DA	AP-DC	AP-DP
CE Marked:	Yes	Yes	Yes
Standard Core Thickness:	0.25mm Lead Equivalence (LE)	Front - 0.50mm (LE)/Back - 0.25mm (LE)	Front - 0.50mm (LE)/Back - 0.25mm (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	None	Velcro	Velcro
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35	Refer to pages 32-35
Sizes:	Adult - 23" W x 26" L Pediatric - 19" W x 21" L	Standard Size - 23" W x 25" L	Adult - 24" W x 27" L Front x 16" L Pediatric - 22" W x 12" L Front x 6" L
Customizations:	Embroidery & Logo	Embroidery & Logo	Embroidery & Logo
Add-ons:	Thyroid Collar (included)	Thyroid Collar	Thyroid Collar

DENTAL APRON

MODEL: [AP-DA]

Features a non-slip microfiber material that ensures the apron lays in place over the patient. There are no closures. The thyroid collar is included.

Available Colors: Refer to pages 32-35



DENTAL CAPE

MODEL: [AP-DC]

Drapes over the front and back of your body during panoramic or standard x-rays. A Velcro closure in the back provides an easy-on, easy-off solution.

Available Colors: Refer to pages 32-35



Image Coming Soon

DENTAL PANORAMIC PONCHO

MODEL: [AP-DP]

Drapes over the body to provide front and back protection. Similar to the dental cape but the velcro closure is on the shoulder area. The Dental Panoramic Poncho comes in two sizes.

Available Colors: Refer to pages 32-35



LEAD ACCESSORIES | THYROID PROTECTION

	Original Thyroid Collar	Standard Thyroid Collar	Thyroid Collar Cover
Model:	AP-TCO	AP-TCS	SG-DTCC
CE Marked:	Yes	Yes	N/A
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)	None
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9	None
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE	-
Closure:	Velcro, Optional Buckle	Velcro, Optional Buckle	-
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35	-
Sizes:	S = 14" M = 15" L = 16" XL = 17"	S = 14" M = 15" L = 16" XL = 17"	One Size Fits All
Customizations:	Embroidery & Logo	Embroidery & Logo	
Attachments:	Loose, Clip, Keyring, Tethered	Loose, Clip, Keyring, Tethered	

ORIGINAL THYROID COLLAR MODEL: [AP-TCO]

Available Colors: Refer to pages 32-35



STANDARD THYROID COLLAR MODEL: [AP-TCS]

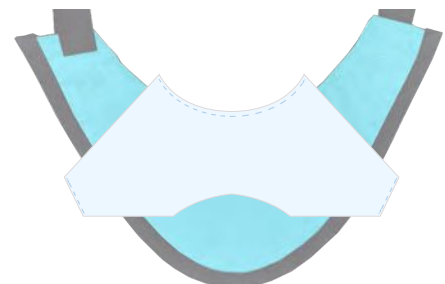
The standard radiation thyroid collar is designed to fit higher along the neck while providing complete coverage of the thyroid against x-ray radiation. This style of thyroid is our most popular and has two options for closure in the back; velcro or buckle.

Available Colors: Refer to pages 32-35



THYROID COLLAR COVERS MODEL: [SG-DTCC]

The Scatterguard disposable thyroid collar cover is designed to prolong the life of your thyroid collar by keeping it clean!



LEAD ACCESSORIES | THYROID PROTECTION

	ProGuard Thyroid Collar	Pediatric Thyroid Collar	Mammography Thyroid
Model:	AP-TCG	AP-TCP (Original or Standard)	AP-TCM
CE Marked:	Yes	Yes	Yes
Standard Core Thickness:	Front - 0.50mm (LE)/Back - 0.25mm (LE)	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Velcro	Velcro	Velcro, Optional Buckle
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35	Refer to pages 32-35
Sizes:	S = 21" M = 22" L = 23" XL = 24"	S = 10" M = 12"	One Size = 29" length, 4" bib
Customizations:	Embroidery & Logo	Embroidery & Logo	Embroidery & Logo
Attachments:	None	Loose, Clip, Keyring, Tethered	Loose, Clip, Keyring, Tethered

ProGuard Thyroid Collar MODEL: [AP-TCG]

Featuring a form-fitting design and velcro closure, the ProGuard thyroid collar provides front and back protection.

Available Colors: Refer to pages 32-35



Pediatric Thyroid Collar MODEL: [AP-TCP]

Available in either the standard or original style thyroid collars, our Pediatric Thyroid collar is designed to protect children ages 2 to 10 from harmful x-ray. Choose between a small (for ages 2 - 4) and medium (ages 5 to 10).

Available Colors: Refer to pages 32-35



Mammography Thyroid Collar MODEL: [AP-TCM]

Don't let the standard or original thyroid collar get all the attention. The mammography's sleek profile provides a detachable alternative to "sewn-in" thyroid collars while allowing for adjustability. Additionally, the mammography thyroid collar serves as a valuable option for patient protection.

Available Colors: Refer to pages 32-35



LEAD ACCESSORIES | HEAD PROTECTION

	ProGuard Smart Cap	Disposable Smart Cap	Page Cap & Head Cap
Model:	AP-PGCAP	SG-DCAP	AP-PAGE / AP-CAP
CE Marked:	Yes	Yes	Yes
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Special:	Side Protection	Top and Side Protection	Side Protection (Page Cap) Top & Side Protection (Head Cap)
Core Material Options:	All Core Types: See pages 8-9	Lead-Free (LF)	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.125, 0.25, or 0.375 LE	0.50, 0.35, or 0.25mm LE
Closure:	Elastic, Optional Adjustable Strap	Ties	Velcro
Fabric Color Options:	Refer to pages 32-35	Baby Blue	Refer to pages 32-35
Sizes:	S - M = 21-22" L - XL = 23-25"	One Size Fits All	S = 21" M = 22" L = 23" XL = 24"
Customizations:	Embroidery & Logo	None	Embroidery & Logo

PROGUARD SMART CAP MODEL: [AP-PGCAP]

Need head protection that is breathable, light-weight, and comfortable? The ProGuard Smart Cap features Cool Guard spandex fabric on the top while providing protection around the sides of your head.

Available Colors: Refer to pages 32-35



DISPOSABLE SMART CAP MODEL: [SG-DCAP]

ScatterGuard's disposable Smart Caps are designed to provide essential protection against scatter radiation. Light-weight and adjustable, our Smart Cap has a convenient, universal fit. The Smart Cap is made with a premium lead-free material and may be disposed of through normal waste procedures. The disposable Smart Cap blocks up to 95% of radiation depending on whether you choose 0.125, 0.25 or 0.375mm LE.

Available Colors: Baby Blue



PAGE CAP & HEAD CAP MODEL: [AP-PAGE / CAP]

The Page Cap is designed to provide protection around the sides of your head, while the top contains no lead. Alternatively, similar to a scrub cap, the Head Cap provides x-ray protection around the entire head. Velcro tab closures allow for an adjustable fit on both styles. *Sizes based on head circumference.

Available Colors: Refer to pages 32-35



	Breast Stole	Gonad/Ovarian Shield	Half Apron
Model:	AP-STOLE	AP-GS-OL, AP-GONAD	AP-HA
CE Marked:	Yes	Yes	Yes
Standard Core Thickness:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	1.00, 0.50, 0.35, or 0.25mm LE	1.00, 0.50, 0.35, or 0.25mm LE	1.00, 0.50, 0.35, or 0.25mm LE
Closure:	Buckle	Buckle	Velcro
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35	Refer to pages 32-35
Customizations:	Embroidery & Logo	Embroidery & Logo	Embroidery & Logo
Sizes:	Pediatric: 15" x 4.75"	Available as a set of 3 or individually	S = 10" x 10"
	Medium: 18.5" x 6.75"	Small, Medium, Large	M = 18" x 16"
	Large: 23.5" x 8"		L = 24" x 20"
			XL = 24" x 24"

BREAST STOLE

MODEL: [AP-STOLE]

The breast shield is primarily used for spinal imaging. The shield features velcro panels and an adjustable belt for proper positioning. The neck area does not contain lead, allowing complete visibility of the spine during x-ray, while offering protection to the breast area. This shield is great for scoliosis studies.

Available Colors: Refer to pages 32-35



GONAD/OVARIAN SHIELD

MODEL: [AP-GONAD]

This unique gonad/ovarian shield belt system comes complete with four interchangeable sizes which provide coverage from x-ray for a variety of needs. The adjustable buckle also allows the user to fit almost any waist size. The gonad/ovarian belt system comes as a set of 4 sizes, or can be purchased individually.

Available Colors: Refer to pages 32-35



HALF APRON

MODEL: [AP-HA]

The half apron can provide extra radiation protection. Selling it separate also allows you to mix and match a smaller bottom half with a larger top piece or vice versa.

Available Colors: Refer to pages 32-35



LEAD ACCESSORIES | ARM & LEG PROTECTION

Apron Sleeve

Shin Guards

	AP-SLV	AP-SG
Model:	AP-SLV	AP-SG
CE Marked:	Yes	Yes
Standard Core Thickness:	0.25mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Closure:	Snap-on or Sewn-in	Velcro
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Customizations:	Embroidery & Logo	Embroidery & Logo
Sizes:	Available in Small, Medium, Large, XL or Custom (Based on bicep circumference and sleeve length)	S = 13" x 9" M = 14" x 10" L = 16" x 12" XL = 18" x 14"

APRON SLEEVE

MODEL: [AP-SLV]

This optional sleeve is available for all apron styles and protects the upper arm and shoulder from direct beam and scatter radiation. It can be attached as a snap-on or directly sewn-on.

Available Colors: Refer to pages 32-35



Sewn-in



Snap-on



SHIN GUARDS

MODEL: [AP-SG]

When being exposed to ionizing radiation, all forms of radiation protection are necessary. Shin Guards protect against beam scatter when no table drapes are present. Optional feet protector extensions may be added.

Available Colors: Refer to pages 32-35



APRON ACCESSORIES | SUPPORT & TRANSPORT

	Back Relief Belt		Corset Belt	Apron Duffle Bag
Model:	AP-BLT		AP-CORSET	AP-DUFFLE
CE Marked:	No		No	No
Standard Core Thickness:	None		None	-
Closure:	Buckle		-	Zipper or Velcro
Fabric Color Options:	Refer to pages 32-35		None	Refer to pages 32-35
Customizations:	Embroidery & Logo		None	Embroidery & Logo
Waist Measurements:	Female	Male	One Size Fits All (Small - 4X)	-
	XS	24-26"	30-33"	
	S	26-28"	33-36"	
	M	28-31"	37-40"	
	L	31-33"	41-44"	
	XL	34-38"	44-48"	

BACK RELIEF BELT

MODEL: [AP-BLT]

The back relief belt is constructed of neoprene bonded elastic. It features high quality components that do not lose elasticity. The belt also features a non-slip adjustable buckle to ensure a secure fit. The back relief belt attaches separately from the apron.

Available Colors: Refer to pages 32-35



CORSET BELT

MODEL: [AP-CORSET]

Our corset belt is a great apron accessory for added back support when wearing a radiation protective apron. The finger pull tab and pulley system along the spine provides for simple adjustment and even tension.

*The corset belt is worn under the apron.

Available Colors: Black



APRON DUFFLE BAG

MODEL: [AP-DUFFLE]

Our duffle bag protects your aprons while traveling between facilities or out of the country. Protect and store your aprons for transport now with our affordable, high quality duffle bag. Features: 10" Velcro Opening, Carrying Handle & Shoulder Strap.

Available Colors: Refer to pages 32-35



APRON STORAGE

	Mighty Max Rack	Porta Rack	Valet Rack A	Valet Rack B	Peg Rack	Wall Rack	Apron Hanger
Model:	AP-MAX-MOB	AP-PORTRK	AP-VALET	AP-VALET-VS	AP-PEG	AP-WALL-(L/R)	AP-HANGER
Capacity:	10 Aprons	8 Aprons	Up to 15 Aprons	10 Aprons	1-9 Aprons	5 Aprons per Console	Up to 40lbs

MIGHTY MAX RACK

MODEL: [AP-MAX-MOB]

The Mighty-Max mobile apron rack's solid steel design holds up to 10 aprons. The pedestal base has rolling wheels for easy portability. Convenience hooks on each hanger can hold lead skirts.
Dimensions: 25" W x 28" L x 48" H



PORTA RACK

MODEL: [AP-PORTRK]

Ideal for use in the O.R., Specials, and Cath Labs, this portable apron storage unit is great quality and affordable. The 24" wheel base with double casters allows this completely loaded rack to glide smoothly while being moved. The porta rack features moving hanger arms that swing forward and backwards for easy apron selection as well as an optional glove rack on the top for maximum storage capabilities.

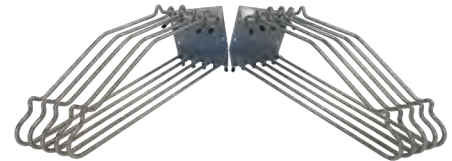
**SPECIAL: Available with glove rack (shown)
 AP-PORTRK-WGL (Holds 8 Heavy Duty Gloves)**



WALL RACK

MODEL: [AP-WALL-L/R]

Prolong the life of your radiation protective garment with our apron wall rack console. Each console holds up to 5 protective aprons with the combined left and right consoles storing up to 10 aprons. The wall console features hooks on the top of the hangers for lead skirts.
 *Does not include mounting hardware.



VALET RACK

MODEL: [AP-VALET/VALET-VS]

Industrial quality steel construction and easy roll casters make these mobile apron racks an excellent portable storage option. The rack provides storage capacity for up to 15 aprons! *Includes 4 screws for quick assembly



PEG RACK

MODEL: [AP-PEG]

The apron Peg rack is made of steel construction and easily screws into wall studs. It can store up to 9 aprons but comes in a variety of sizes that accommodate the storage of 1, 2, 4, 7, or 9 lead aprons. This affordable wall storage for aprons is essential to prolong the life of your protective aprons. *Mounting hardware is not included.

Model	# of Pegs	# of Aprons	Dimensions
PEG-2	2	1	5x3"
PEG-4	4	2	10x3"
PEG-8	8	4	20x3"
PEG-14	14	7	35x3"
PEG-18	18	9	45x3"



APRON HANGER

MODEL: [AP-HANGER]

Constructed out of aluminum for durability and longevity this apron hanger is used for the storage of radiation protection aprons. It features hook style ends that are designed to hold lead skirts.



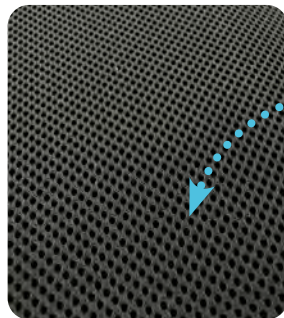
FABRIC COLORS

COOLGUARD SERIES*
*Re-engineering comfort



COOLGUARD MESH
#910

Increases air flow on back closure of apron. For frontal apron back closures only.



COOLGUARD AIR
#900

Enables natural air ventilation with air-flow technology. Interior only. (Shown on thyroid collar interior)



COOLGUARD SPANDEX
#915

Sweat wicking, breathable microfiber with quick dry technology.

COOLGUARD PERFORMANCE TECH FABRICS*

*Upcharge applies



Navy Pinstripe
#930

Anti-bacterial, anti-microbial, and anti-odor. Our lightest-weight fabric!



Indigo
#925

A soft, PVC nylon that is fluid-proof, stain resistant, bacteria & fungus resistant. Our lightest-weight fabric!



"Black Silk"
#920

Ultra-soft & breathable polyester that is fluid proof & stain resistant.



FABRIC COLORS | NYLON-RIPSTOP-VINYL

NYLON

Unless specified otherwise, nylons come standard 210 denier.

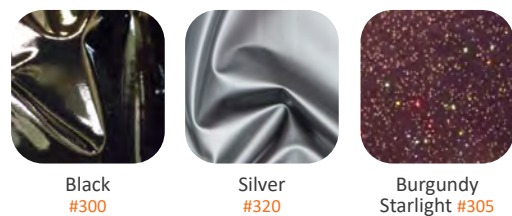


RIPSTOP



WIPE-AWAY VINYLs*

*Upcharge applies



PRINTS



70's Flowers
#400



Animal Farm - Blue
#405



Argyle Green
#410



Asian Garden - Pink/Yellow
#415



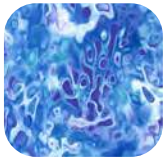
Black Lace
#417



Blue Animal River
#420



Blue Flame
#425



Blue Tranquility
#430



Brown Animal Spots
#435



Butterfly
#440



Camo - Backwoods
#443



Camo - Brown
#445



Camo - Cosmo
#450



Camo - Digital Grey
#455



Camo - Green
#460



Camo - Pink
#465



Camo - Small Blues
#470



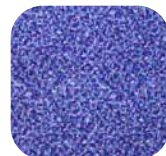
Camo - Small Pinks
#475



Camo - Yellow
#480



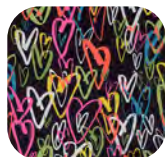
Carbon Fiber
#485



Chicklets Blue
#490



Circles
#495



Crayon Hearts
#500



Divebar
#502



Dog Paw
#505



Fire Tongues
#510



Fleur De Lis
#512



Fruity Pebbles
#515



Galaxy - Multi
#520



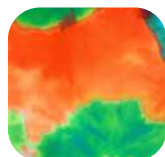
Galaxy - Royal
#525



Giraffe - Brown
#530



Gray Flowers
#535



Green Neon Tie-Dye
#540



Hawaiian
#545



Hawaii Postcard
#550



Leopard Print
#560



Lu Lu Grape
#565



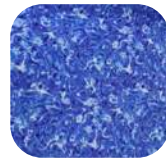
Magenta Flowers
#570



Mamba - Blue
#575



Mamba - Pink
#580



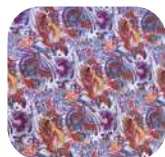
Marble Splash
#585



Mardi Gras
#590



Mystery - Multi
#595



Painted Dragon
#600



Paint Splash
#605



Paw Prints
#610



Plaid - Blue
#615



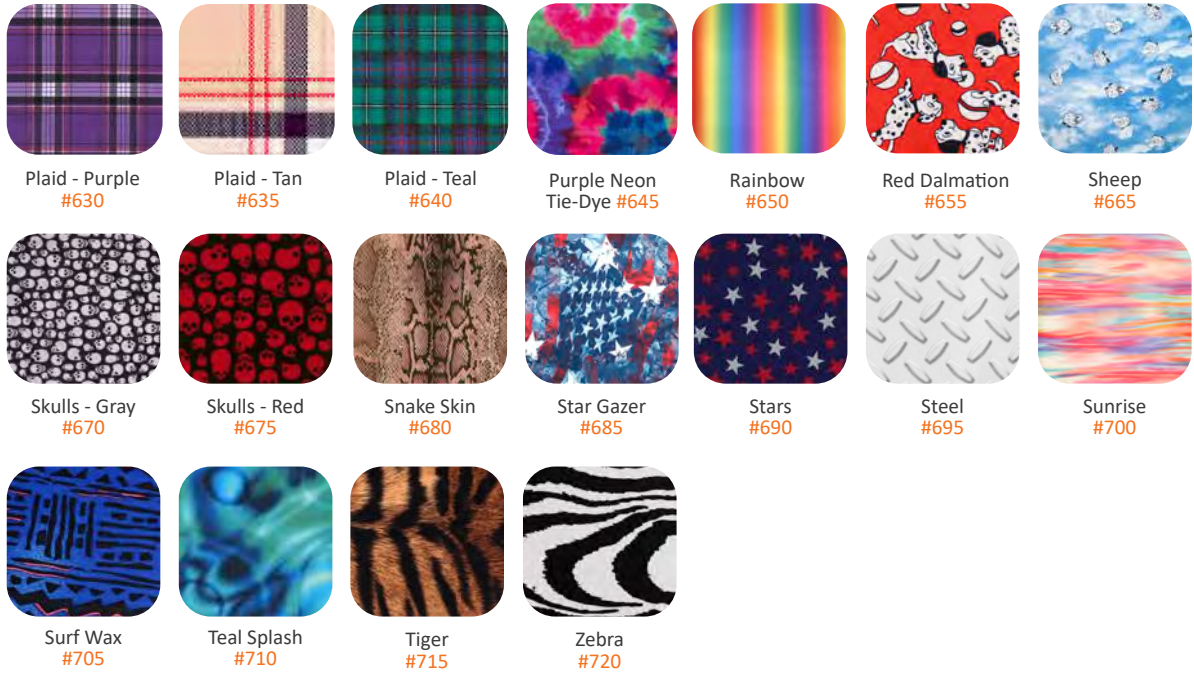
Plaid - Green
#620



Plaid - Light Pink
#625

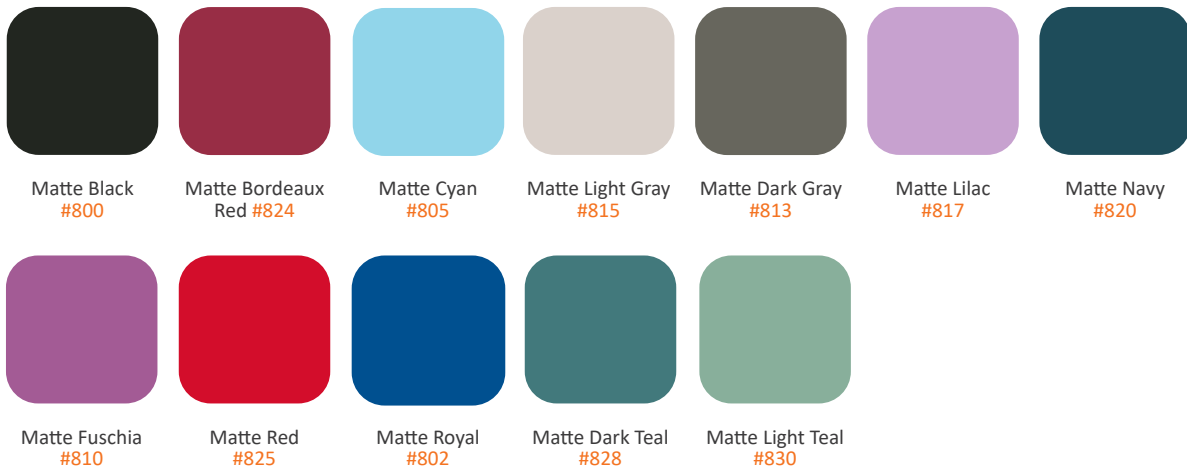
FABRIC COLORS | PRINTS-POLYS

PRINTS



SATINGUARD ANTI-MICROBIALS*

Featuring stain resistant and anti-microbial technology only available from Protech Medical. Our poly material will resist a wide variety of bacteria for several years.



ANTI-SLIP FABRIC*

A high-quality, textured fabric placed on the inside of your apron to prevent slippage.



Black
#950

*Upcharge applies

APRON MEASUREMENTS

CHEST MEASUREMENT



Measure around the largest circumference of the bust area, keeping the tape parallel to the floor with the client's arms at their sides.

WAIST MEASUREMENT



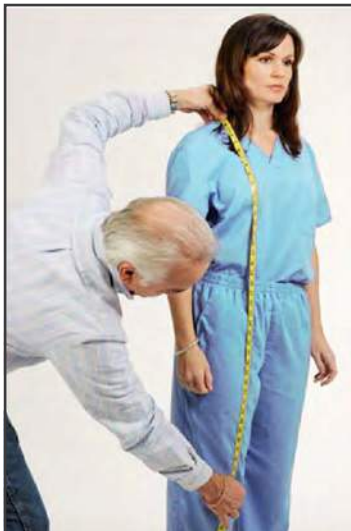
Measure around the smallest circumference of the torso. If you measure at waist level it may be inaccurate.

HIP MEASUREMENT



Measure around the largest circumference of the hips and buttocks with the tape parallel to the floor: generally 8-9 inches down from the waist.

FRONT APRON LENGTH MEASUREMENT



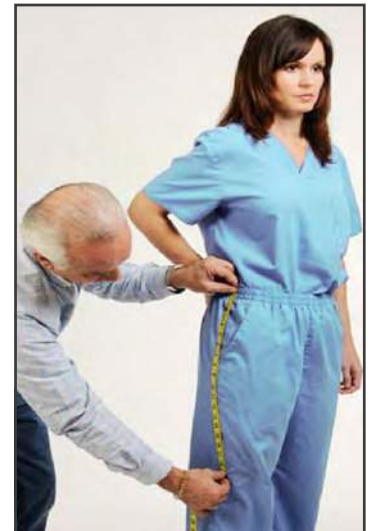
Measure from the top of the shoulder over the bust to the desired length. Do not contour the tape measure in under the bust.

VEST LENGTH MEASUREMENT



Measure from the top of the shoulder over the bust to the desired length. Do not contour the tape measure under the bust.

SKIRT LENGTH MEASUREMENT



Measure from the top of the pant line (waist) and over the outside of the hip down to the desired length.

APRON SIZING CHARTS

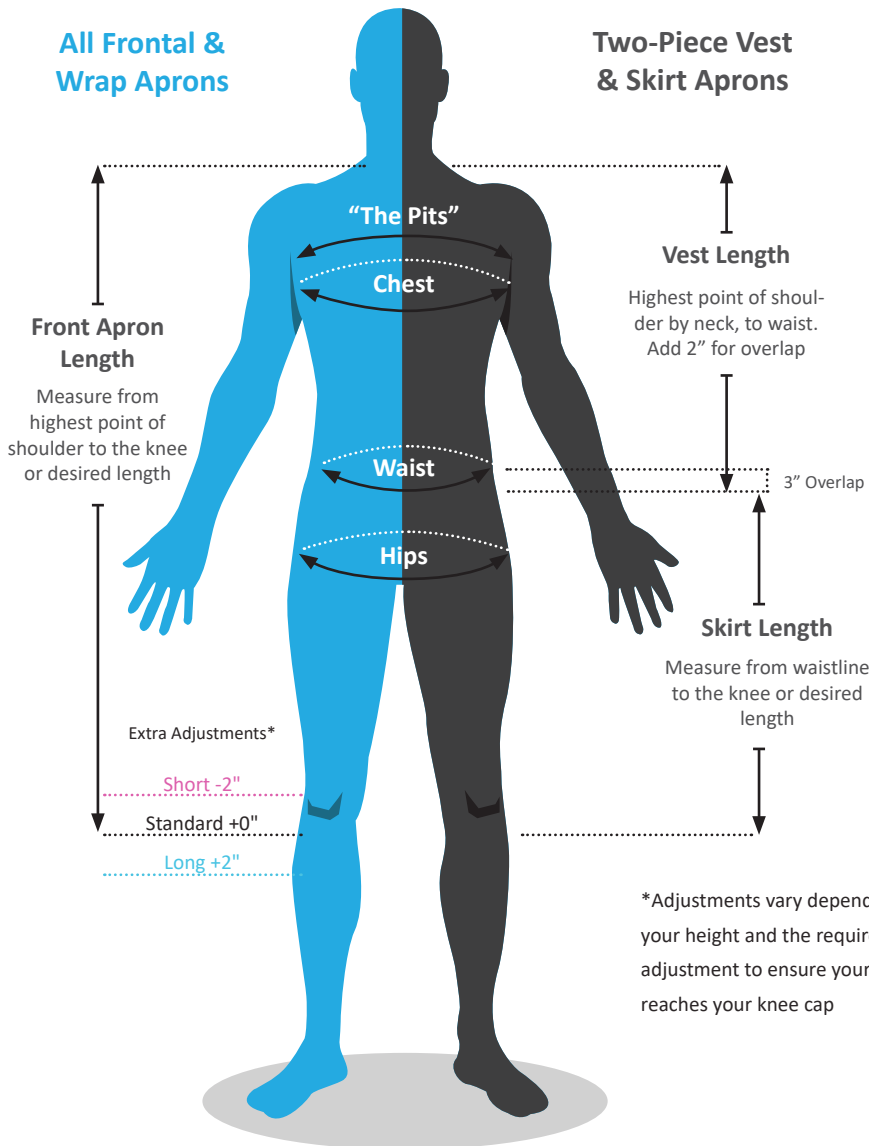
MALE

FEMALE

	XS	Small	Med	Large	XL	2X	3X
Height	5'2"	5'4"	5'8"	5'11"	6'2"+		
Chest	39"	42"	45"	48"	53"	57"	60"
Waist	32	34	38	42	46	50	54
Hips	34	36	40	44	48	52	56
Front Length	34	34	37	40.5	42.5	42.5	45.5
Front Width	19	21	22	24	26	28	30
Vest Length	22	22	24	25	25	25	28
Skirt Length	20	20	20	21	21	22	22
WABR Length	36	36	38	40.5	42.5	42.5	45.5

All Frontal & Wrap Aprons

Two-Piece Vest & Skirt Aprons



PEDIATRIC SIZE CHART*

Small	Medium	Large
12 x 24"	14 x 26"	16 x 28"
Ages 1-3	Ages 4-6	Ages 7-10

*Velcro Adjustable & Tie Aprons

*Adjustments vary depending on your height and the required length adjustment to ensure your apron reaches your knee cap



EYEWEAR

All lead glasses are manufactured by Protech Medical in the USA (Florida) and are made with 0.75mm or 0.50mm Pb lead equivalent lenses.

Included in all eyewear purchases is a hard case, head strap, and a 1 year manufacturer warranty against defects.

"The Threshold for radiation to the eye is 0.50 GY or **20 MSV IN A YEAR.**"

-- International Atomic Energy Agency

SPECIAL ORDERS LIST:

- See pages 62-63 for more frame options

Your eyes are 4 times more sensitive to radiation than other parts of your body. Not too long ago, few doctors used leaded eyewear. With the increase in occurrences of early onset cataracts, lead glasses are now a staple in fluoroscopic procedures.

Protech Medical manufactures a wide range of premium leaded eyewear including: glasses, prescription eyewear, goggles, fitovers, and faceshields.

Our dedication to manufacturing in the U.S. and commitment to sourcing the highest quality materials has made us the number one eyewear manufacturer in the world.

SIZING & ADD-ONS:

- Refer to pages 64-65 for sizing information.

STATEMENT OF COMPLIANCE

Lead Equivalence (mm Pb) - 0.50 or 0.75
IEC 61331-3:2014 Regulation (EU) 2016/425 Module B EU Type Examination

X-ray Tube Voltage - 60 kV – 150 kV

WHO USES PROTECTIVE GLASSES?

With the accessibility of modern designed frames and ultra-light lenses, protective leaded eyewear is used by roughly 95% of physicians and staff in the following vocations:



CARDIAC CATH



EP LABS



INTERVENTIONAL
RADIOLOGY



PAIN
MANAGEMENT



UROLOGY



ORTHOPEDIC
SURGERY

"The typical interventional cardiologist gets exposed to **20 to 30 mSv each year**. This level of exposure is nearly **10 times greater** than the level of exposure received by the entire body."

-- US National Library of Medicine

OUR EYEWEAR BRANDS



	98 Superlite	99 Alumilite	99 Ultralite
Model:	98	99AL	99 / 99SM / 99R
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	None	Optional 0.50mm (small only)
Available Prescription:	None	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range:	None	+2.50 to -3.00	+3.00 to -3.00 +3.00 to -5.00
Weight:	63g	70g	67g 59.5g
Frame Size :	63-15-120	62-17-150	64-18-140 56-18-140

98 SUPERLITE

MODEL: [RE-98]

The 98 Superlite is an ultra light-weight frame designed for comfort. Its high curvature provides enhanced lateral/side protection against x-ray. Rubber temples provide a secure, comfortable fit.

Available Colors: Brown



BRN



99 ALUMILITE

MODEL: [RE-99AL]

The 99 Alumilite is uniquely constructed out of lightweight aluminum and built to last. Adjustable non-slip nose pads combined with rubber temples provide maximum comfort for all users. Flexible spring hinge temples assist with easily wearing and removing the eyewear.

Available Colors: Black, Cobalt Blue, Gold, Red, Silver



BLK



BLU



GLD



RD



SIL



99 ULTRALITE

MODEL: [RE-99/99SM/99R]

The 99 Ultralites provide a wide field of protection against x-ray. Their high curvature provide adequate lateral protection which eliminates the need for side shields. The 99 comes in 2 sizes and an optional soft rubber nose bridge for additional support and comfort (99R). (Color blue not available in small size).

Available Colors: Black, Blue, Taupe/Brown, Silver, Teal, Light Purple, Light Pink, Light Blue, Fuschia



BLK



BLU



BR



SIL



TEAL



LPURP



LPNK



LBLU



FUSH



EYEWEAR | WRAPAROUNDS

	9941 Ultralite	Airborne	Circuit
Model:	9941 / 994153 / 9941A	RE-AIRB	RE-CIRC
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips or Strips	None	Optional 0.50mm Pb Strips
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+3.00 to -5.00 +6.00 to -9.00	+7.00 to -7.00	+7.00 to -7.00
Weight:	64g 60g	74.7g	79g
Frame Size:	55-22-130 53-22-130	57-21-145	60-18-135

9941 ULTRALITE

MODEL: [RE-9941/994153/9941A]

The 9941 Ultralites come standard with a rubberized nose bridge. They are designed to offer comfort and provide protection for the entire eye area without the need of additional lead side shields. The 9941 is a popular frame ideal for those who have a high power prescription. Available in 2 sizes and optional adjustable nose bridge (9941A).

Available Colors: Black, Blue, Red, Silver



AIRBORNE

MODEL: [RE-AIRB]

The Airborne is fully loaded with an Asian fit nose bridge, removable facial cavity, and curved lenses for optimal lateral x-ray protection. Features: Facial Cavity Foam Insert, Asian Fit Nose Bridge

Available Colors: Clear/Black



CIRCUIT

MODEL: [RE-CIRC]

The Circuit frame features wrap-around lenses which maximize lateral protection without the use of side shields. Rubberized temples and nose pads provide excellent comfort and grip. The Circuits modern style combined with its optimized functionality ensure long lasting quality and protection. Features: Rubberized Temples for Grip and Comfort, Versatile Fit, High Rx Options

Available Colors: Black/Gray, Silver/Black, Red/Gray



EYEWEAR | WRAPAROUNDS

	Mako	Onyx	Razer
Model:	RE-MAKO	RE-ONYX	RE-RAZER
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	0.50mm Pb Strips	None	None
Available Prescription:	None	None	Single Vision, Bifocal, Progressive
Prescription Range :	None	None	+7.00 to -7.00
Weight :	69.3g	71.8g	62.5g
Frame Size:	65-15-130	68-19-135	58-17-135

MAKO

MODEL: [RE-MAKO]

The Mako frame is boat captain approved with its unique patterns, high curve lenses which maximize radiation protection coverage, as well as its extended lead strip side shields for lateral x-ray protection. Features: High Curve Lenses, Lateral Side Shields

Available Colors: Gray/Green



GRY



ONYX

MODEL: [RE-ONYX]

Deep stylistic curves and a high curve lens balance style with optimal radiation protection. The Onyx frame has a large nose bridge to support "Asian fitting" with the added benefits of grip and comfort. Features: High Curve Lenses, Asian Fit Nose Bridge

Available Colors: Matte Black



MBLK



RAZER

MODEL: [RE-RAZER]

The Razer's sleek design and premium features such as a ventilated nose bridge, rubberized temples, and wide-angle lenses maximize comfort and protection from x-ray. The modern style and use of light-weight materials make the Razer an excellent choice for long-procedures. Features: Ventilated Nose Bridge, Rubberized Temples for Grip and Comfort, Modern Matte Color Finishes, High Rx Options

Available Colors: Matte Black, Matte Blue, Matte Gray, Matte Lime Green, Matte Red



MBLK



MBLU



MGRY



MLGN



MRED



EYEWEAR | WRAPAROUND + CLASSIC

	Vader	53 Wrap	Malibu
Model:	NY117	53 / 53A	MALIB
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	0.50mm (standard) or 0.75mm Lead Glass	None
Available Prescription:	Single Vision, Bifocal	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+3.00 to -3.00	+4.00 to -7.00	+7.00 to -7.00
Weight :	64g	84g	68.1g
Frame Size:	64-17-125	58-16-135	54-20-155

VADER

MODEL: [RE-NY117]

The Vader's ultra-flex technology provides premium comfort at a fraction of the cost of traditional wraparound leaded eyewear. They provide protection for the entire eye area without the need of added side shields. Additionally, the Vaders are one of the lightest radiation safety frames given their large area of protection.

Available Colors: Gray, Matte Black, Shiny Black, Clear Brown



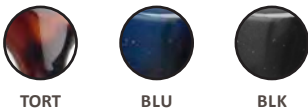
53 WRAP

MODEL: [RE-53/53A]

The 53 wrap is constructed of durable nylon that exhibits superior flexibility while minimizing potential breakage. Its full saddle bridge provides maximum comfort and evenly distributes weight over the nose.

*Also available with adjustable nose pads (Model 53A)

Available Colors: Tortoise, Blue Tortoise, Black

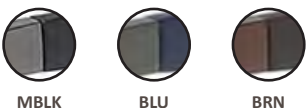


MALIBU

MODEL: [RE-MALIB]

The Malibu frame modernizes the classic wayfarer design and is offered in several tasteful color selections. While not one of the most protective styles for lateral and wide-angle x-ray protection, the Malibu is a compelling option for those requiring basic radiation protection at an affordable price... and wanting to look good while you are at it.

Available Colors: Matte Black, Blue, Brown



	Modern Metal	Metal Aviator	Petite Metal
Model:	RE-002	RE-003	RE-007
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	Optional 0.50mm Pb Strips	Optional 0.50mm Pb Strips
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+6.00 to -9.00	+6.00 to -9.00	+6.00 to -9.00
Weight :	73g	82g	63g
Frame Size:	48-20-135	54-17-150	52-22-150

MODERN METAL

MODEL: [RE-002]

The model 002 features a thin wire frame with contoured metal side shields. The ultra light-weight model 002 comes standard with 0.50mm LE side shields for maximum lateral coverage. Non-slip, silicone nose pads offer easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Gold, Light Gun Metal



GLD



LGUN



METAL AVIATOR

MODEL: [RE-003]

The Aviator frame is a bold edition to our economy lead eyewear lineup. These frames have style and come standard with 0.50mm LE side shields for maximum lateral coverage. Non-slip, silicone nose pads offer easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Gold



GLD



PETITE METAL

MODEL: [RE-007]

The model 007 is a classic style made of optical steel with bronze electroplate. This durable frame comes standard with 0.50mm LE side shields for maximum lateral coverage. Non-slip, silicone nose pads offer easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Gold, Light Gun Metal



GLD



LGUN



EYEWEAR | METALS

	Classic Metal	553 Metalite	557 Metalite
Model:	RE-008	RE-553 553S	RE-557S
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	Optional 0.50mm Pb Strips	Optional 0.50mm Pb Strips
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+6.00 to -9.00	+6.00 to -9.00	+6.00 to -9.00
Weight :	64g	56g 62g	63g
Frame Size:	54-19-140	50-18-140	48-20-135

CLASSIC METAL

MODEL: [RE-008]

Available in a beautiful light-blue color, this retro style frame is an aesthetically pleasing option for metal wire frames. The classic metal frame come standard with 0.50mm LE side shields for maximum lateral coverage. Non-slip, silicone nose pads offer easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Gold, Nano Blue



GLD



LBLU



553 METALITE

MODEL: [RE-553/553S]

The model 553 is a metal frame featuring custom fitted 0.50mm lead strip side shields that create a seal to the front lenses for complete lateral coverage. Its silver color and retro style offer a classic look while non-slip, silicone nose pads provide easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Antique Bronze



BRZ



557 METALITE

MODEL: [RE-557S]

The model 557 is a metal frame featuring custom fitted 0.50mm lead strip side shields that create a seal to the front lenses for complete lateral coverage. Its gold color and retro style offer a classic look while non-slip, silicone nose pads provide easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Gold



GLD



	661/662S Metalite	42 Fitover	90 Large Fitover
Model:	RE-661 / 662S	RE-42BLK	RE-90
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	0.50mm Pb Strips	0.50mm(standard) or 0.75mm Lead Glass
Available Prescription:	Single Vision, Bifocal, Progressive	None	None
Prescription Range :	+6.00 to -9.00	None	None
Weight :	54g / 70g	92g	112g
Frame Size:	52-18-144 / 52-18-145	63-14-135	66-14-120

661/662 METALITE

MODEL: [RE-661/662S]

The model 661/662 is a metal frame featuring custom fitted 0.50mm lead strip side shields that create a seal to the front lenses for complete lateral coverage. Its gold color and modern shape provide a refreshed look while non-slip, silicone nose pads provide easy adjustability and allow the frame to fit a wide variety of face types.

Available Colors: Gold



GLD



42 FITOVER

MODEL: [RE-42BLK]

The 42 fitover is made to wear over prescription eyewear that are wider or more rectangular in shape. It features a smaller vertical dimension than other fitover styles as well as 0.5mm Pb lead sheeting for side shields, thus decreasing the weight by approx. 20%. The 42 fitover is an excellent choice for those requiring splash protection.

Available Colors: Black



BLK



SIDESHIELDS
0.5mm LE side shields
included



90 FITOVER

MODEL: [RE-90]

Designed to fit over prescription eyewear, model 90 fitovers are an excellent choice for those requiring protection against x-ray and liquid splashes. The large, clear side shields protect the user from lateral exposure while eliminating the “tunnel” effects of look-alikes.

Available Colors: Black



BLK



	Fitguard Alpha	Fitguard Beta
Model:	RE-FGUARDA	RE-FGUARDB
CE Marked:	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	0.50mm Pb Strips	0.50mm Pb Strips
Available Prescription:	None	None
Prescription Range :	None	None
Weight :	91g	108g
Frame Size:	69-17-145	64-18-150

FITGUARD ALPHA

MODEL: [RE-FGUARDA]

The Fitguard fitover is a versatile, high quality nylon frame. Featuring Flexfit technology, the fitover's temples can be benched (adjusted) easily for a secure, comfortable fit. The XL model is ideal for fitting over wide prescription eyewear while still providing a secure and comfortable fit. With the most balanced weight distribution, the XL is our most popular Cocoon's model. Blacked out side shields provide a streamlined look as well as 0.50mm lead equivalent protection.

Available Colors: Matte Black, Maroon, Copper



FITGUARD BETA

MODEL: [RE-FGUARDB]

The Fitguard fitover is a versatile, high quality nylon frame. Featuring Flexfit technology, the fitover's temples can be benched (adjusted) easily for a secure, comfortable fit. The Beta size is ideal for fitting over standard sized prescription eyewear with square or rounded lenses. Blacked out side shields provide a streamlined look as well as 0.50mm lead equivalent protection.

Available Colors: Matte Black, Maroon, Copper



	Full Face Shield	Panoramic Face Shield
Model:	450FPM	400PSM
CE Marked:	Yes	Yes
Front Lens:	0.10mm Lead Acrylic	0.10mm Lead Acrylic
Side Shields:	None	None
Available Prescription:	None	None
Prescription Range :	None	None
Weight :	450g	350g
Frame Size:	Adjustable Head Piece	Adjustable Head Piece

FULL FACE SHIELD

MODEL: [450FPM]

The Full Face Shield uses a lead impregnated protective acrylic shield suspended from a dual adjustable headpiece. The Full face shield provides maximum x-ray protection due to its larger lead impregnated shield. Because of the multi-adjustable headpiece, you can angle the mask to protect from radiation in many different positions as well as adjust the size to comfortably fit your head. *Mask should be worn with leaded eyewear protection.



PANORAMIC FACE SHIELD

MODEL: [400PSM]

The Panoramic Face Shield utilizes a lead impregnated acrylic shield suspended from a dual adjustable headpiece. This lead face shield provides additional x-ray protection around the sides of the head while sacrificing some front protection. Because of the multi-adjustable headpiece, you can angle the mask to protect from radiation in many different positions as well as adjust the size to comfortably fit your head. *Mask should be worn with leaded eyewear protection.



	70 Astroflex	Comet	Leaders (SM/LG)
Model:	RE-70S	RE-COMET	OG220 OG220S
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	0.50mm Pb Strips	0.50mm Pb Strips
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+4.00 to -7.00	+3.50 to -3.50	+7.00 to -7.00
Weight :	88g	78.3g	67.1g 73.3g
Frame Size:	54-19-Adj.	59-19-114	48-22-130 58-15-135

70 ASTROFLEX

MODEL: [RE-70S]

Impact resistance and flexibility come together in this high quality goggle. The frame features molded side shielding and is fitted to the brow for increased radiation splash protection. The temple length and frame angle are adjustable for a uniform custom fit. Model 70S comes with leaded side shields for necessary lateral coverage from x-ray.

Available Colors: Clear/Blue



CLR



COMET

MODEL: [RE-COMET]

A sleek and versatile relative to the ProGuard Leaders, the Comet is an affordable option providing excellent coverage against x-ray. The Comets unique side shield configuration allows for lead shielding to be placed around the lens area, providing a complete seal from scatter radiation.

Available Colors: Blue, Gray/Orange, Pink



BLU



GRY



PNK



SIDESHIELDS

Unique 0.50mm LE sideshield configuration for a complete seal



LEADERS

MODEL: [RE-OG220/S]

The Leaders feature a soft ventilated nose bridge with rubberized temples for premium comfort. Each Leaders frame comes with the added protection of 0.50mm leaded side shields and a 2 year manufacturer warranty against defects. The Leaders frame is available in both a small (OG220S) and regular size.

Available Colors: White/Purple, Gray/Pink, Green/Yellow, Black



PUR



GRA



GRN



BLK



CURVED TEMPLES

Curved flex temples ensure a proper fit & added comfort.



NOSE BRIDGE

A ventilated nose bridge reduces fogging & provides improved comfort.

SIDE SHIELDS

Light-weight 0.50mm LE strips provide lateral eye protection for maximum shielding against x-ray.

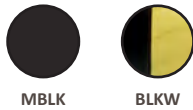
	O-Guard	X-Guard	Tugga Baby
Model:	RE-OGUARD	RE-XGUARD	RE-BABY
CE Marked:	Yes	Yes	Yes
Front Lens:	0.10mm Lead Acrylic	0.10mm Lead Acrylic	0.75mm Lead Glass
Side Shields:	0.50mm Pb Strips	0.50mm Pb Strips	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal
Prescription Range :	+7.00 to -7.00	+7.00 to -7.00	+6.00 to -6.00
Weight :	77.5g	81.8g	42g
Frame Size:	56-20-135	58-18-135	46-18

O-GUARD

MODEL: [RE-OGUARD]

Tired of the basic goggle selections for radiation protection? So are we! The O Guard goggle features a premium plastic insert, lead strip side shields, and tasteful color options. Features: Side Shields

Available Colors: Matte Black, Black/Woodgrain

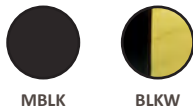


X-GUARD

MODEL: [RE-XGUARD]

Tired of the basic goggle selections for radiation protection? So are we! The X Guard goggle features a premium plastic insert, lead strip side shields for lateral coverage, and tasteful color options. Features: Side Shields

Available Colors: Matte Black, Black/Woodgrain

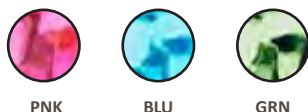


TUGGA BABY

MODEL: [RE-BABY]

Protech's Tugga Baby pediatric glasses provide essential protection during medical fluoroscopy and feature a universal fit with its adjustable headband.

Available Colors: Shiny Pink, Shiny Blue, Shiny Green



	Abaco Dockside	Abaco Jesse	Abaco Kai
Model:	RE-AB-DOCK	RE-AB-JES	RE-AB-KAI
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	None	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+6.00 to -6.00	+6.00 to -6.00	+6.00 to -6.00
Weight :	72g	68g	65g
Frame Size:	58-19-135	56-18-142	56-18-135

ABACO DOCKSIDE

MODEL: [RE-AB-DOCK]

Dockside sunglasses have a bold square style in an impact-resistant polycarbonate frame featuring premium metal hinges. These fashion forward frames are both durable and lightweight.

Available Colors: Black, Crystal Clear



ABACO JESSE

MODEL: [RE-AB-JES]

These unisex, universally flattering eyewear are made of soft, lightweight polycarbonate. They feature characteristic rivets at the temples and extremely flexible spring hinges for a snug, comfortable fit.

Available Colors: Matte Black



ABACO KAI

MODEL: [RE-AB-KAI]

Made of shatter-resistant, lightweight polycarbonate, the frames feature premium metal hinges and are molded around the ears to provide a comfortable fit. These unisex sunglasses complement a variety of facial shapes, and they fit virtually all faces from small to large.

Available Colors: Matte Black, Crystal



	Abaco Tiki	Abaco Waikiki	Nike Brazen
Model:	RE-AB-TIKI	RE-AB-WAI	N-BR
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	None	Optional 0.50mm Pb Strips
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+6.00 to -6.00	+6.00 to -6.00	+3.50 to -3.50
Weight :	70g	68g	75g
Frame Size:	54-21-140	54-21-140	60-16-140

ABACO TIKI

MODEL: [RE-AB-TIKI]

This classic style frame is made of a wood inspired, strong and lightweight polycarbonate. They feature characteristic rivets at the temples, standard hinges, and they are molded around the ears for added comfort. These unisex, universally flattering eyewear fit all faces from small to large.

Available Colors: Dark Wood



DWOOD



ABACO WAIKIKI

MODEL: [RE-AB-WAI]

This revived version of an iconic classic features a lightweight polycarbonate frame to provide durability and a comfortable fit. These sunglasses feature characteristic rivet details on the front, premium metal hinges, and they are molded around the ears for added comfort. These eyewear look good on virtually everyone.

Available Colors: Tortoise, Gloss Black



TORT



GBLK



NIKE BRAZEN

MODEL: [N-BR]

The Nike Brazen features an advanced ventilated nose bridge for grip, comfort, and reduced fogging. Its lightweight nylon design combines streamlined style and enhanced comfort. The premium Nike Brazen frame offers versatility with its superior coverage and protection.

Available Colors: Shiny Black, Matte Black w/ Blue



SBLK



MBLKB



	Nike Maverick	Nike Premier	Nike Rabid
Model:	N-MAV	N-PRMR	N-RABID
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	None	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	None
Prescription Range :	+3.50 to -3.50	+3.50 to -3.50	None
Weight :	-	-	63g
Frame Size:	59-15-145	60-13-135	63-14-145

NIKE MAVERICK

MODEL: [N-MAV]

Utilizing Nike's unique nose bridge design, the Maverick frame reduces fogging and maximizes comfort during long fluoroscopic procedures.

Available Colors: Matte Black



MBLK



NIKE PREMIER

MODEL: [N-PRMR]

The Nike Premier is reborn with a diverse selection of colors and tasteful design elements. The Premier's large rectangular lenses provide adequate x-ray protection and coverage.

Available Colors: Matte Black, Cool Grey, Matte Anthracite, Matte Blue w/ Green



MBLK



CGRY



MANT



MBLU



NIKE RABID

MODEL: [N-RABID]

The Rabid is a high-curvature sports frame providing superior wraparound coverage and protection. Its lightweight nylon frame provides clarity at all angles during any procedure. Secure Wrap Technology features grip zones throughout the frame for a better overall fit, comfort, and stability.

Available Colors: Anthracite/White, Matte Wolf Grey/Volt, Matte Black/White



ANTH



GRY



MBLK



	Oakley Crosslink Zero	Oakley Cross Step	Oakley Five Squared
Model:	OA-CROSSZ	OA-STEP	OA-FIVESQ
CE Marked:	No	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	None	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	None
Prescription Range :	+3.50 to -9.00	+3.50 to -9.00	None
Weight :	-	57g	71g
Frame Size:	57-16-138	52-16-135	54-20-135

OAKLEY CROSSLINK ZERO MODEL: [OA-CROSSZ]

Available Colors: Matte Black, Polished Gray Shadow



MBLK



CGRY



OAKLEY CROSS STEP MODEL: [OA-STEP]

Modern longboards were the creative spark behind Oakley Cross Step lead glasses' temple contours that improve flexibility and comfort, and along with the look of rounded lenses, Cross Step comes with four sizes of TruBridge™ Technology nose pads that let you make the fit your own.

Available Colors: Polished Black



PBLK



OAKLEY FIVE SQUARED MODEL: [OA-FIVESQ]

Oakley Five Squared leaded glasses uses Condensed Cranial Geometry for a tapered architecture that feels as good as it looks and it's a look that soaks sophistication in adrenalin. Dimensional reliefs, metal icons and sculpturally integrated hinges take the whole idea of streetsmooth style and amp it with attitude.

Available Colors: Grey Smoke, Polished Black



GRY



PBLK



Oakley Holbrook

Oakley Litebeam

Oakley Straightlink

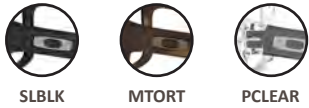
Model:	OA-HOL	OA-LITE	OA-STRGHT
CE Marked:	No	No	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	-	None	None
Available Prescription:	-	Single Vision, Bifocal, Progressive	None
Prescription Range :	-	+3.50 to -9.00-	None
Weight :	-	-	77.2g
Frame Size:	56-18-135	55-18-140	61-19-130

OAKLEY HOLBROOK

MODEL: [OA-HOL]

The Oakley Holbrook frame combines traditional design with modern style and flare.

Available Colors: Satin Black, Matte Brown Tortoise, Polished Clear



OAKLEY LITEBEAM

MODEL: [OA-LITE]

Smooth details and streamlined design provide a timeless look with the Oakley Litebeam. Composed of lightweight materials, the Litebeam features adjustable temples and comes with several nosebridge sizes to ensure maximum comfort.

Available Colors: Satin Black



OAKLEY STRAIGHTLINK

MODEL: [OA-STRGHT]

Unobtainium® earsocks and nose pads increase grip with perspiration for a no slip grip. Three-Point Fit holds lenses in precise optical alignment while eliminating pressure points. O Matter™ stress-resistant frame material is both lightweight and durable for all-day comfort and protection.

Available Colors: Matte Black



	Oakley Trillbe X	Ray Ban 2016	Ray Ban 3534
Model:	OA-TRILL	RB-2016	RB-3534
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	Optional 0.50mm Pb Strips	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	None
Prescription Range :	+3.50 to -9.00	+3.00 to -5.00	None
Weight :	64g	61g	63g
Frame Size:	52-18-140	59-17-125	59-20-135

OAKLEY TRILLBE X

MODEL: [OA-TRILL]

Designed for small to medium faces, this comfortably lightweight addition to the Trillbe™ Collection has a softly rounded front with a sculptured keyhole bridge, and its stem architecture takes vintage style into modern territory.

Available Colors: Matte Black, Polished Clear



MBLK



PCLR



RAY BAN 2016 DADDY-O

MODEL: [RB-2016]

Go 100% classic Ray-Ban with the laid back, classic style of Daddy-O.

Available Colors: Matte Black



MBLK



RAY BAN 3534

MODEL: [RB-3534]

Originality and style come together with the 3534. The hardened metal frame is tough and sporty with a classic finish.

Available Colors: Black, Gunmetal



BLK



GUNM



Ray Ban 4105

Ray Ban 4165

Ray Ban 4181

	Ray Ban 4105	Ray Ban 4165	Ray Ban 4181
Model:	RB-4105	RB-4165	RB-4181
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	None	-
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+3.00 to -3.00	+3.00 to -3.00	+3.50 to -7.00
Weight :	62g	73g	-
Frame Size:	50-23-140	55-18-145	-

RAY BAN 4105

MODEL: [RB-4105]

The Ray-Ban Classic Wayfarer look with a twist: the glasses are foldable. Modeled after Ray-Ban's iconic design, the 4105 was reconstructed into a compact, folding, light weight frame.

Available Colors: Black



BLK



RAY BAN 4165

MODEL: [RB-4165]

Bold, Fun and Unforgettable, the 4165F glasses may just be one of the coolest looks in the Ray-Ban collection. Inspired by the iconic Wayfarer sunglasses, this style has been redesigned with slightly larger rectangle lenses, fresh new frame colors, and a rubberized frame finish to really give it that extra edge.

Available Colors: Matte Black



MBLK



RAY BAN 4181

MODEL: [RB-4181]

The stylistically distinct Ray Ban model 4181 serves as a unique unisex frame.

Available Colors: Tortoise



TORT



Ray Ban 7047

Ray Ban 7131

Model:	RB-7047	RB-7131
CE Marked:	No	Yes
Front Lens:	0.75mm Lead Glass	0.75mm LE
Side Shields:	-	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal, Progressive
Prescription Range :	+3.50 to -7.00	+3.50 to -7.00
Weight :	-	60g
Frame Size:	-	55-20-145

RAY BAN 7047

MODEL: [RB-7047]

A sharper more self assured Ray Ban style, the model 7047 is full of confidence and style. Composed of lightweight materials, the 7047 provides comfortable, long lasting protection against x-ray.

Available Colors: Black, Blue, Brown



BLK



BLU



BRN



RAY BAN 7131

MODEL: [RB-7131]

Clean frontal styling, adjustable nose pads, and sleek temples come together in this timeless frame. The 7131's injected metal frame ensures a long lifespan.

Available Colors: Silk Black



SBLK



	Rudy Project Horus	Rudy Project Rydon II	Rudy Project Zyon
Model:	RP-HORUS	RP-RYDON	RP-ZYON
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm Lead Glass
Side Shields:	None	Optional 0.50mm Pb Strips	Optional 0.50mm Pb Strips
Available Prescription:	Single Vision, Bifocal	Single Vision, Bifocal, Progressive	None
Prescription Range :	+3.50 to -3.50	+3.50 to -3.50	None
Weight :	76.3g	54.4g	76.6g
Frame Size:	58-19-132	55-20-140	65-16-140

RUDY PROJECT HORUS MODEL: [RP-HORUS]

The Horus frame features a ventilated and adjustable nose bridge. Made in Italy the Horus frame has sharp style and curved lenses for wrap-around x-ray coverage.

Available Colors: Graphite



GRAPH



RUDY PROJECT RYDON II MODEL: [RP-RYDON]

The Rydon is our premium, ultra-lite frame made in Italy. Featuring a semi-rimless, detachable lens piece our Rydon frame mixes style with function.

Available Colors: Carbon, Demi Turtle, Matte Black



CARB



TURT



MBLK



RUDY PROJECT ZYON MODEL: [RP-ZYON]

Featuring Italian inspired curves, the Zyon is a frame made of attitude. The Zyon isn't all about style, though, as its wide lenses and large side shields provide excellent protection from x-ray.

Available Colors: Matte Black, Graphite



MBLK



GRAPH



	Wiley X Airrage	Wiley X Boss	Wiley X Brick
Model:	WX-AIRR	WX-BOSS	WX-BRICK
CE Marked:	Yes	Yes	Yes
Front Lens:	0.75mm Lead Glass	0.75mm Lead Glass	0.75mm LE
Side Shields:	None	None	None
Available Prescription:	None	None	None
Prescription Range :	None	None	None
Weight :	-	84.5g	74g
Frame Size:	61-18-124	68-18-125	63-18-120

WILEY X AIRRAGE

MODEL: [WX-AIRR]

The Wiley X Airrage frame features a facial foam cavity seal and high curved lenses for maximum comfort and protection against x-ray.

Available Colors: Matte Black



MBLK



WILEY X BOSS

MODEL: [WX-BOSS]

Featuring highly curved lenses, the frame provides excellent coverage against x-ray. A matte black model designed for prescriptions (seen above) has an added inserted rim that holds less curved lenses. Featuring a removable facial cavity seal, the Wiley X Brick is excellent for those that need maximum splash protection.

Available Colors: Kryptek Highlander, Matte Black, Matte Black with Rx Trim



KRYPT



MBLK



RX-MBLK



Facial Cavity Seal

WILEY X BRICK

MODEL: [WX-BRICK]

The Wiley X Brick is part of a long line of military inspired frames. The highly curved 8 base lenses provide excellent coverage against x-ray while the frame design is sleek and modern. . Featuring a removable facial cavity seal, the Wiley X Brick is excellent for those that need maximum splash protection.

Available Colors: Matte Black



MBLK



Facial Cavity Seal

Wiley X Contour

Wiley X P-17

Model:	WX-CON	WX-P17
CE Marked:	Yes	Yes
Front Lens:	0.75mm LE	0.75mm Lead Glass
Side Shields:	Optional 0.50mm Pb Strips	None
Available Prescription:	Single Vision, Bifocal, Progressive	Single Vision, Bifocal
Prescription Range :	+3.50 to -5.50	+3.50 to -3.50
Weight :	62.3g	68g
Frame Size:	54-17-140	60-18-125

WILEY X CONTOUR

MODEL: [WX-CON]

With the move to branded lead glasses, the Wiley X Contour is the whole package. Its retro style and modern color palette deliver on appeal, while optional premium side shield inserts (shown above) are also available for maximum coverage against x-ray.

Available Colors: Matte Black, Gloss Black/Brown Stripe



Gloss Black/
Brown Stripe with
Side shields

WILEY X P-17

MODEL: [WX-P17]

The Wiley X P-17 is a frame inspired by the military. Its sleek design and lightweight comfort provide unparalleled performance. The Wiley X P-17 is ideal for medium to large facial structures and comes standard with high curvature 0.75mm LE lenses.

Available Colors: Gloss Black, Matte Black, Brown



EYEWEAR | SPECIAL ORDER

NIKE BRAZEN

MODEL: [N-BR]

Weight: 75g Frame Size: 60-16-140 Prescription: +3.50 to -3.50
Colors: Matte Black with Silver



OAKLEY TWOFACE

MODEL: [OA-FACE]

Weight: 81g Frame Size: 60-16-142 Prescription: None
Colors: Steel, Matte Black



OAKLEY AIRDROP

MODEL: [OA-AIR]

Weight: 50g Frame Size: 52-17-140 Prescription: +3.50 to -9.00
Colors: Satin Black



OAKLEY CLIFDEN

MODEL: [OA-CLIF]

Weight: N/A Frame Size: N/A Prescription: None
Colors: Polished Black



OAKLEY JUPITER SQUARED

MODEL: [OA-JUP]

Weight: 74.1g Frame Size: 56-18-135 Prescription: +3.50 to -9.00
Colors: Matte Black, Woodgrain



LIBERTY MAXX 30 (53)

MODEL: [LBT-MAX30S]

Weight: 60g Frame Size: 53-17-130 Prescription: +3.00 to -5.00
Colors: Black, Blue, Red, Silver



LIBERTY MAXX 30 (55)

MODEL: [LBT-MAX30]

Weight: 64g Frame Size: 55-20-130 Prescription: +6.00 to -9.00
Colors: Black, Blue, Red, Silver



LIBERTY MAXX 31 (53)

MODEL: [LBT-MAX31S]

Weight: N/A Frame Size: 53-17-130 Prescription: +3.00 to -5.00
Colors: Black, Blue, Silver



LIBERTY MAXX 31 (55)

MODEL: [LBT-MAX31]

Weight: N/A Frame Size: 55-20-130 Prescription: +6.00 to -9.00
Colors: Black, Blue, Silver



TEMPLE

The length of your frame's temples is important to ensure stability and comfort.

TEMPLE GRIPS

Available with several eyewear styles, temple grips can provide comfort and stability for the wearer.

LEAD GLASS

Lead glass lenses provide standard 0.75mm Pb Equivalent protection.



NOSE BRIDGE

A well-designed nose bridge is necessary for a proper fit.

NOSE PADS

Ventilated nose pads keep the frame comfortably gripped on your face.

EYEWEAR ACCESSORIES

ITEM	CODE
Patterned Clamshell Case (Hard)	RE-CASE
Large Fitover Case (Hard)	RE-CASE-LG
Banana Case (Soft)	RE-CASE-B
Large Fitover Case (Soft)	RE-CASE-SLG
Eyewear Strap (Standard)	RE-STRAP
Eyewear Strap (Small Round Bead)	RE-STRAP-B
Eyewear Strap (Square Sliding Piece)	RE-STRAP-SQ
Anti-Fog Eyewear Lens Cleaner	RE-CLEAN
SOft Eyewear Cloth Wipe (Small)	RE-CLOTH

ADD ONS

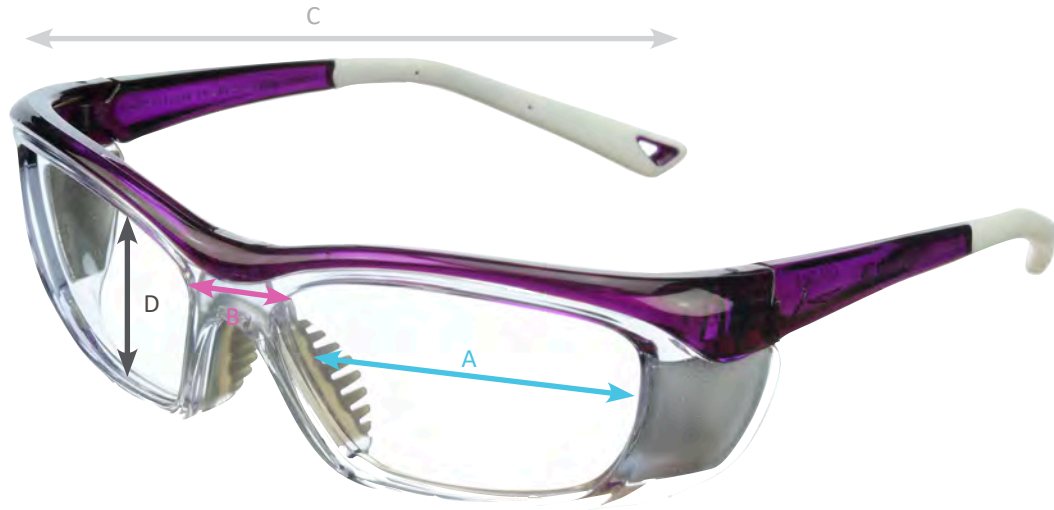
ITEM	CODE
A/R Coating	RE-AR
Lead Side Shields	RE-SS

CUSTOMIZATIONS

ITEM	CODE
Name Etching* (permanent)	RE-ETCH
Custom Labeling* (not permanent)	RE-LABEL0
Custom Name Labeling* (not permanent)	RE-LABEL1

*No metal frames

FRAME SIZING BREAKDOWN



Example frame size: ProGuard Leaders - 58-15-135*

In the above frame size, the 58 corresponds to "A" (Lens size), the 15 represents "B" (Bridge Size), and 135 is the length of "C" (Temple size). *"B" Size not specified.

NOTE: Not all frame sizes are representative of how a frame will fit. It is always best practice to try a frame on when possible. For instance, the Nike Brazen is a "large frame" based on its frame size, yet it fits a majority of men and women's faces.



EYE SIZE

Horizontally measured from outermost edges of the lens. Approx 40-62mm.



BRIDGE SIZE

Measurement of the distance between two lenses. Approx 14-24mm.



TEMPLE SIZE

Measurement of the arm or ear piece. The length of your frame's temples is important to ensure stability and comfort.



"B" MEASUREMENT

Measurement of the height of the lenses.
*For Bifocal and Progressive lenses, a B measurement of at least 25mm is recommended

EYEWEAR | FRAME INFORMATION & PRESCRIPTION LIMITATIONS

Model	Size	Base Curve	Weight (g)	Side Shield	CE	Material	Frame Type	SV (Single Vision)	BIF (Bifocal)	PRG (Progressive)	Min PRG PD	Powers	Frame Status
Protech Frames													
Fitovers													
42 Fitover	63-14-135	4	92	Incl	Y	Plastic	Fitover	-	-	-	-	-	Active
90 Fitover	66-14-120	4	112	Incl	Y	Plastic	Fitover	-	-	-	-	-	Active
FitGuard Beta	64-18-150	4	108	Incl	Y	Plastic	Fitover	-	-	-	-	-	Active
FitGuard Alpha	69-17-145	4	91	Incl	Y	Plastic	Fitover	-	-	-	-	-	Active
Goggles													
70s Astroflex	54-19-ADJ	4	88	Incl	Y	Plastic	Goggle	X	X	X	62	7.00 to -7.00	Active
Comet	59-19-114	6	78.3	Incl	Y	Plastic	Goggle	X	X	X	64	7.00 to -7.00	Active
Leaders SM	56-17-135	4 - 6	67.1	Incl	Y	Nylon	Goggle	X	X	X	62	7.00 to -7.00	Active
Leaders LG	60-16-135	4 - 6	73.1	Incl	Y	Nylon	Goggle	X	X	X	62	7.00 to -7.00	Active
O Guard	56-20-135	6 - 4	77.5	Incl	Y	PC	Goggle	X	X	X	62	7.00 to -7.00	Active
X Guard	58-18-135	6 - 4	81.8	Incl	Y	PC	Goggle	X	X	X	62	7.00 to -7.00	Active
Classic													
53 Wrap	58-16-135	4	84	Incl	Y	Plastic	Glasses	X	X	X	62	7.00 to -7.00	Active
Malibu Wayfarer	54-20-155	4 - 6	68.1	-	Y	Plastic	Glasses	X	X	X	58	7.00 to -7.00	Active
Classic Metals													
553s Metalite	50-18-140	4 - 6	62	-	Y	Plastic	Glasses	X	X	X	58	6.00 to -9.00	Active
557s Metalite	48-20-135	4 - 6	63	Incl	Y	Metal	Glasses	X	X	X	58	6.00 to -9.00	Active
661 Metalite	52-18-144	4 - 6	54	-	Y	Metal	Glasses	X	X	X	62	6.00 to -9.00	Active
662s Metalite	52-18-145	4 - 6	70	Incl	Y	Metal	Glasses	X	X	X	62	6.00 to -9.00	Active
Classic Metal	54-19-140	4 - 6	64	Incl	Y	Metal	Glasses	X	X	X	58	6.00 to -9.00	Active
Metal Aviators	54-17-150	4 - 6	82	Incl	Y	Metal	Glasses	X	X	X	64	3.00 to -5.00	Active
Modern Metal	48-20-135	4 - 6	73	Incl	Y	Metal	Glasses	X	X	X	58	6.00 to -9.00	Active
Petite Metal	52-22-150	4 - 6	63	Incl	Y	Metal	Glasses	X	X	X	58	6.00 to -9.00	Active
Wrap-Around													
98	63-15-128	6 - 8	63	-	Y	Plastic	Glasses	-	-	-	-	-	Active
99 Alumilite	62-17-150	6	70	-	Y	Metal	Glasses	X	X	X	64	2.50 to -3.00	Active
99 Ultralite	64-18-140	6	67	Add	Y	Plastic	Glasses	X	X	X	64	3.00 to -3.00	Active
99 Ultralite Small	56-18-140	6	59.5	Add	Y	Plastic	Glasses	X	X	X	58	3.00 to -5.00	Active
99 Ultralite Bridge	64-18-140	6	67	Add	Y	Plastic	Glasses	X	X	X	64	3.00 to -3.00	Active
9935 Reg	54-21-120	6 - 4	60	Add	Y	Plastic	Glasses	X	X	X	60	5.00 to -5.00	PO
9935 LG	58-21-120	6 - 4	65	Add	Y	Plastic	Glasses	X	X	X	62	5.00 to -5.00	PO
9941 Ultralite	55-22-130	6 - 4	64	Add	Y	Plastic	Glasses	X	X	X	64	7.00 to -7.00	Active
9941-53 Ultralite SM	53-22-130	6 - 4	60	Add	Y	Plastic	Glasses	X	X	X	58	7.00 to -9.00	Active
9941 UL w Nosepad	55-22-130	6 - 4	64	Add	Y	Plastic	Glasses	X	X	X	64	7.00 to -7.00	Active
Airborne	57-21-145	6	74.7	-	Y	PC	Glasses	X	X	X	62	7.00 to -7.00	Active
Circuit	60-18-135	6	79	Add		Nylon	Glasses	X	X	X	62	7.00 to -7.00	Active
Mako	65-15-130	8	69.3	Incl	Y	PC	Glasses	-	-	-	-	-	Active
Onyx	68-19-135	8	71.7	-	Y	PC	Glasses	-	-	-	-	-	Active
Razer	58-17-135	6 - 4	62.5	-	Y	PC	Glasses	X	X	X	62	7.00 to -7.00	Active
Vader	64-17-125	6 - 8	64	Add	Y	Plastic	Glasses	X	X	X	62	3.00 to -3.00	Active
Kids													
Tugga Baby	46-18	4	42	-	Y	Plastic	Glasses	X	X	-	50	6.00 to -6.00	Active
Abaco Brand													
Dockside	59 - 18	4 - 6	72	-	Y	Plastic	Glasses	X	X	X	60	6.00 to -6.00	Active
Kai	55 - 16	4 - 6	65	-	Y	Plastic	Glasses	X	X	X	60	6.00 to -6.00	Active
Jesse	58 - 15	4 - 6	68	-	Y	Plastic	Glasses	X	X	X	60	6.00 to -6.00	Active
Tiki	56 - 19	4 - 6	70	-	Y	Plastic	Glasses	X	X	X	60	6.00 to -6.00	Active
Waikiki	55 - 19	4 - 6	68	-	Y	Plastic	Glasses	X	X	X	60	6.00 to -6.00	Active
Nike Brand													
Brazen	60-16-140	6	75	Add	Y	Plastic	Glasses	X	X	X	64	3.00 to -9.00	Active
Maverick	59-15-145	6		-	Y	Plastic	Glasses	X	X	X	64	3.00 to -9.00	Active
Premier	60-13-135	6		-	Y	Plastic	Glasses	X	X	X	64	3.00 to -9.00	Active
Rabid	63-14-145	6 - 8	63	-	Y	Plastic	Glasses	-	-	-	-	-	Active

EYEWEAR | FRAME INFORMATION & PRESCRIPTION LIMITATIONS

Model	Size	Base Curve	Weight (g)	Side Shield	CE	Material	Frame Type	SV (Single Vision)	BIF (Bifocal)	PRG (Progressive)	Min PRG PD	Powers	Frame Status
Oakley Brand													
Airdrop Mnp (53)	53-17-140	4 - 6	49.9	-	Y	O Matter	Glasses	X	X	X	58	3.50 to -9.00	SO
Clifden	56-17-146	4 - 6		Incl	Y	Acetate	Glasses	X	X	X	60	3.50 to -9.00	SO
Cross Step (52)	52-16-135	4 - 6	56.9	-	Y	O Matter	Glasses	X	X	X	54	3.50 to -9.00	Active
Crosslink Mnp (55)	55-18-135	4 - 6	61.6	-	Y	O Matter	Glasses	X	X	X	56	3.50 to -9.00	Active
Five Squared (54)	54-20-135	8	57	-	Y	O Matter	Glasses	-	-	-	-	-	Active
Frogskin (rx)(54)	55-17-138	4		-	Y	O Matter	Glasses	X	X	X	60	3.00 to -3.00	Active
Holbrook	55-18-137	6		-	Y	O Matter	Glasses	X	X	X	60	3.00 to -3.00	Active
Jupiter Squared (56)	56-18-135	4 - 6	74.1	-	Y	O Matter	Glasses	X	X	X	66	3.50 to -9.00	SO
Litebeam	55-18-140	4		-	Y	O Matter	Glasses	X	X	X	60	3.00 to -3.00	Active
Straightlink (58)	61-19-130	8	77.2	-	Y	O Matter	Glasses	-	-	-	-	-	Active
Trillbe X (rx)(52)	52-18-140	4 - 6	63.9	-	Y	O Matter	Glasses	X	X	X	58	3.50 to -9.00	Active
Twoface (60)	60-16-142	6	80.9	-	Y	O Matter	Glasses	-	-	-	-	-	SO
Ray ban Brand													
3534	59-20-135	6	63	-	Y	Metal	Glasses	-	-	-	-	-	Active
4105	50-23-140	6	62	-	Y	Nylon	Glasses	X	X	X	60	3.00 to -3.00	Active
4165F Justin	55-18-145	6	73	-	Y	Nylon	Glasses	X	X	X	65	3.00 to -3.00	Active
4181	57-16-145	4 - 6		-	Y	Nylon	Glasses	X	X	X	65	3.00 to -3.00	Active
7047	56-17-145	4 - 6		-	Y	Acetate	Glasses	X	X	X	65	3.00 to -7.00	Active
7131	55-20-145	4 - 6	60	-	Y	Injected	Glasses	X	X	X	60	3.00 to -7.00	Active
Daddy-O 2016	59-18-125	6	61	Add	Y	Acetate	Glasses	X	X	X	65	3.00 to -5.00	Active
Rudy Project Brand													
Horus	58-19-132	6	76.3	-	Y	Plastic	Glasses	X	X	-	-	3.50 to -3.50	Active
Rydon	55-20-140	6	54.4	Incl	Y	Plastic	Glasses	X	X	X	64	3.50 to -3.50	Active
Zyon	65-16-140	8	76.6	Incl	Y	Plastic	Glasses	-	-	-	-	-	Active
Wiley X Brand													
Airrage	61-18-124	8		-	Y	Plastic	Glasses	-	-	-	-	-	Active
Boss	68-18-125	8	84.5	-	Y	Plastic	Glasses	-	-	-	-	-	Active
Brick	63-18-120	8	74	-	Y	Plastic	Glasses	-	-	-	-	-	Active
Contour	54-17-140	4	62.3	Incl	Y	Plastic	Glasses	X	X	X	60	3.50 to -3.50	Active
P-17	60-18-125	6 - 8	68	-	Y	Plastic	Glasses	X	X	-	-	3.50 to -3.50	Active
Face Shields / Masks													
450FPM	Adjustable	-	450	-	Y	Plastic	Mask	-	-	-	-	-	Active
400PSM	Adjustable	-	350	-	Y	Plastic	Mask	-	-	-	-	-	Active

Doc # A3 | Rev. 8

Date: 12/31/2019

ACTIVE = Frame is available and in-stock.

SO = Special Order. Frame is available but may not be in stock.

PO = Phase Out. Frame is still available but with limited stock availability and no plans for ordering more.



RADIATION ATTENUATION GLOVES

A study by the National Center for Biotechnology Information concluded that:

A healthcare worker could receive more than **twice the annual limit of radiation exposure simply by holding the head of a trauma patient four times per week with unshielded hands during cervical spine radiography.**

The ProGuard family of products comprises the most technically advanced gloves with a proven record in quality and comfort. Our extensive range of gloves has been perfected over the last 30 years and carefully expanded to meet the growing needs of healthcare professionals. With affordable options, high-end selections and different thicknesses to choose from, ProGuard is a convenient single source for all your glove needs.

The ProGuard glove brand focuses on uniquely balancing tactile sensitivity, protection, and comfort in a way no others can. With a commitment to performance and safety, there is no room for compromise. In addition to our fluoroscopic procedure gloves, we have multiple patient positioning and veterinary style gloves available in various protection options and colors.

PROGUARD ELITE ATTENUATION GLOVES

Proguard Elite



Model:	E1/E2
Composition:	Lead Free Tungsten + Polyisoprene
CE Marked:	No
FDA:	PPE
Sterilized:	Ethylene Oxide
Resteralization:	FDA mandates single use
Allergen Info:	Powder Free Made with Latex
Features:	Anatomically Correct Finger Curvature
Usage:	Procedures requiring high tactile sensitivity

PROGUARD ELITE

MODEL: [E1/E2]

The Proguard Elite is composed of a lead-free tungsten formula blended with premium polyisoprene and a proprietary polymer matrix free of harmful chemicals (MBT and DPG). The Proguard Elite gloves are intended to reduce the amount of scattered radiation exposure to the hands during fluoroscopic procedures. Proguard gloves are Personal Protective Equipment and are sterile unless opened or damaged.

Our premium product is sold by the pair or pallet. Sample the world's #1 glove today!



SIZING INFORMATION

- 6 - E160 E260
- 6.5 - E165 E265
- 7 - E170 E270
- 7.5 - E175 E275
- 8 - E180 E280
- 8.5 - E185 E285
- 9 - E190 E290
- 9.5 - E195 E295

Models	60 kVp	80 kVp	100 kVp	120 kVp	Thickness
E1	52%	44%	40%	36%	0.21mm ± 0.03mm
E2	61%	54%	49%	45%	0.30mm ± 0.03mm

Certified to ASTM 2547 and IEC 61331-1:2014 Standards



**Latex Free/
Hypoallergenic**



**Slip Coat
Technology**



**High Tactile
Sensitivity**



**Lead
Free**



**Up to 50%
more Protective**



**Up to 30%
more affordable**

PROGUARD ECO ATTENUATION GLOVES

Proguard Eco



Model:	C1/C2
Composition:	Natural Rubber Latex + Bismuth (Lead Free)
CE Marked:	No
FDA:	PPE
Sterilized:	Ethilene Oxide
Resterilization:	FDA mandates single use
Allergen Info:	Powder Free Made with Latex
Features:	Anatomically Correct Finger Curvature
Usage:	Procedures requiring high tactile sensitivity

PROGUARD ECO

MODEL: [C1/C2]

The Proguard Eco gloves are intended to reduce the amount of scattered radiation exposure to the hands during fluoroscopic procedures. They are composed of a premium lead-free bismuth formula and ultra-flexible, natural latex. Over 25 years of glove manufacturing experience has resulted in the most comfortable, ultra-thin and tactile glove.

Our premium product is sold by the pair or pallet. Sample the world's #1 glove today!



SIZING INFORMATION

- 6 - C160 C260
- 6.5 - C165 C265
- 7 - C170 C270
- 7.5 - C175 C275
- 8 - C180 C280
- 8.5 - C185 C285
- 9 - C190 C290
- 9.5 - C195 C295

Models	60 kVp	80 kVp	100 kVp	120 kVp	Thickness
C1	51%	44%	39%	27%	0.24mm ± 0.03mm
C2	60%	50%	40%	35%	0.28mm ± 0.03mm

Certified to ASTM 2547 and IEC 61331-1:2014 Standards



**Made with
Latex**



**Slip Coat
Technology**



**High Tactile
Sensitivity**



**Lead
Free**



**Up to 50%
more Protective**



**Up to 30%
more affordable**

PROGUARD CLASSIC ATTENUATION GLOVES

Proguard Classic



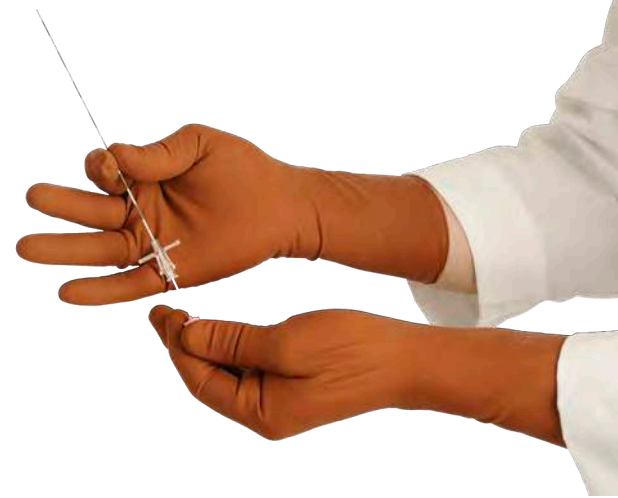
Model:	PG1/PG2/PG3
Composition:	Natural Rubber Latex + Lead Oxide
CE Marked:	No
FDA:	PPE
Sterilized:	Ethilene Oxide
Resterilization:	FDA mandates single use
Allergen Info:	Powder Free Made with Latex
Features:	Anatomically Correct Finger Curvature
Usage:	Procedures requiring high tactile sensitivity

PROGUARD CLASSIC

MODEL: [PG1/PG2/PG3]

The classic ProGuard glove brings back everything you love and more in our original brown colored latex glove. Experience the premium quality, lead oxide which gives our glove its rich brown/orange color and smooth texture. Combined with the highest quality sourced latex, our ProGuard Classic glove provides unmatched tactile sensitivity and protection against x-ray.

Our premium product is sold by the pair or pallet. Sample the world's #1 glove today!



SIZING INFORMATION

Models	60 kVp	80 kVp	100 kVp	120 kVp	Thickness
PG1	50%	42%	37%	33%	0.24mm ± 0.02mm
PG2	58%	50%	45%	41%	0.28mm ± 0.02mm
PG3	73%	65%	57%	52%	0.38mm ± 0.02mm

• 6	-	PG160	PG260	PG360
• 6.5	-	PG165	PG265	PG365
• 7	-	PG170	PG270	PG370
• 7.5	-	PG175	PG275	PG375
• 8	-	PG180	PG280	PG380
• 8.5	-	PG185	PG285	PG385
• 9	-	PG190	PG290	PG390
• 9.5	-	PG195	PG295	PG395

Certified to ASTM 2547 and IEC 61331-1:2014 Standards



**Made with
Latex**



**Slip Coat
Technology**



**High Tactile
Sensitivity**



**Premium
Lead**



**Up to 50%
more Protective**



**Up to 30%
more affordable**

PROGUARD FLUOROSCOPIC GLOVES

Proguard RR | Protex



Model:	RR1/RR2/RR3 PX1/PX2/PX3
Composition:	Dry Natural Rubber + Lead Oxide
CE Marked:	No Yes
FDA:	PPE
Sterilized:	Ethylene Oxide
Resteralization:	FDA mandates single use
Allergen Info:	Powder Free Made with Latex
Features:	Anatomically Correct Finger Curvature
Usage:	Procedures requiring high tactile sensitivity

PROGUARD RR + PROTEX MODEL: [SEE ABOVE]

Used during procedures requiring high tactile sensitivity, the ProGuard R-series & Protex radiation attenuation gloves are the industry leaders for protection against x-ray. Designed and produced in a new, modern manufacturing facility, our premium quality gloves are powder free, latex free, and sterile. The ProGuard R-Series and Protex offers premium comfort and maximum protection at an affordable cost.

Our premium product is sold by the pair or pallet. Sample the world's #1 glove today!

Protex is the same glove as the Proguard glove, but branded for Europe and CE.



SIZING INFORMATION

- 6 - RR160 RR260 RR360
- 6.5 - RR165 RR265 RR365
- 7 - RR170 RR270 RR370
- 7.5 - RR175 RR275 RR375
- 8 - RR180 RR280 RR380
- 8.5 - RR185 RR285 RR385
- 9 - RR190 RR290 RR390
- 9.5 - RR195 RR295 RR395

Models	60 kVp	80 kVp	100 kVp	120 kVp	Thickness
RR1 / PX1	50%	42%	37%	33%	0.24mm ± 0.02mm
RR2 / PX2	58%	50%	45%	41%	0.28mm ± 0.02mm
RR3 / PX3	73%	65%	57%	52%	0.38mm ± 0.02mm

Certified to ASTM 2547 and IEC 61331-1:2014 Standards



**Latex Free/
Hypoallergenic**



**Slip Coat
Technology**



**High Tactile
Sensitivity**



**Premium
Lead**



**CE
Marked**



**Up to 30%
more affordable**

LEAD GLOVES

	Angiographic Lead Gloves	Angio Mitt	Slit Mitt
Model:	ANGIO	AP-ANGIOMIT	AP-SLITMIT(L/R)
CE Marked:	Yes	Yes	Yes
Core Material Options:	None	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	None	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Material Options:	Leatherette	Refer to pages 32-35	Refer to pages 32-35
Customizations:	Embroidery or Logo	Embroidery or Logo	Embroidery or Logo
Protection:	Standard 0.50mm Lead Equivalence (LE) Optional 0.25mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE) -	0.50mm Lead Equivalence (LE) -
Features:	Sold as Pair	Can be used for left or right hand	Must specify as left or right hand
Sizing Info:	One Size fits all	One Size fits all	One Size fits all

ANGIOGRAPHIC LEAD GLOVES MODEL: [ANGIO]

The Angiographic Lead Glove is mainly used in patient positioning but is also ideal for procedures involving high radiation exposure. The glove is soft, flexible, and can easily be wiped clean.

Available Colors: Black



ANGIO MITT MODEL: [ANGIOMIT]

Our Angio Mitt is part of a wide selection of radiation shielding accessories. The angio mitt is a flexible mitt used to shield the hand, thus reducing exposure under direct x-ray. This mit can be used on either the right or left hand and is mainly used in positioning.

Available Colors: Refer to pages 32-35



SLIT MITT MODEL: [SLITMIT]

Our slit mitt is part of a wide selection of radiation shielding accessories. This flexible glove has a lead protective sheet for the top part of your hand and a slit on the bottom to allow for gripping.

Available Colors: Refer to pages 32-35



BARRIERS

DRAPES AND SHIELDS

Protech manufactures a comprehensive line of x-ray protective barriers, windows, and other leaded shield products. From fully custom lead doors to unique windows and overhead barriers, Protech has the expertise to meet your needs.

Many of the mobile barriers on the market were dated. They also greatly restricted viewing due to large opaque panels. Protech Medical pioneered a new method of producing barriers. First, instead of glass, we used lightweight acrylic. We then made sure that the barrier was composed mostly of acrylic as opposed to a panel. This new, clean looking design is lightweight and provides an excellent field of vision.

In line with our commitment to quality, all Protech barriers are produced in the USA. We are now growing our line to also include glass for those in need of additional radiation protection.

- The base features .50mm Pb lead sheeting



BARRIERS | MOBILE

Full/Half Acrylic Barrier

Lead Glass

Lead Blankets

Model:	MB FULL MB HALF	GL	BL
CE Marked:	No	No	No
Composition:	Bismuth	Lead	See Core Material Options
Protection (Acrylic):	Standard 0.50mm Lead Equivalence	N/A	N/A
Protection (Base):	Standard 0.50mm Lead Equivalence	> 2.0mm Lead Equivalence	0.25, 0.35, 0.50mm LE
Window Dimensions:	55" H x 28" W 24" H x 28" W	N/A	N/A
Full Dimensions:	72" H x 28" W 72" H x 28" W	See Below	See Below

ACRYLIC BARRIER

MODEL: [MB-FULL/HALF]

Diagnostic x-ray procedures frequently require working personnel to remain in the examination room where they are subject to exposure from secondary radiation. The clear leaded acrylic barrier can provide total-body x-ray shielding during extended procedures. Our clear acrylic barrier provides 0.50mm LE protection and rests on an opaque lower panel with an equivalent 0.50mm LE. Smooth-rolling casters give the barrier great mobility. The acrylic lead barrier is shipped unassembled but can be easily assembled using a screwdriver and wrench. For heavy duty radiation protection barriers please see our lead glass barriers.

— MADE OF LEAD-FREE BISMUTH —

GLASS BARRIER OPTIONS ALSO AVAILABLE
- MODEL: MB-FULL-GL / MB-HALF-GL



STANDARD LEAD GLASS

MODEL: [See below]

Protech's lead glass comes in standard sizing but can be custom cut for any size or application. Our premium quality lead glass is greater than 2.00mm lead equivalence and made to order.



Model	GL-1012	GL-1212	GL-1218	GL-1224	GL-2424	GL-2430	GL-2436	GL-3048	GL-3060
Dimensions	10" x 12"	12" x 12"	12" x 18"	12" x 24"	24" x 24"	24" x 30"	24" x 36"	30" x 48"	30" x 60"

LEAD BLANKET

MODEL: [BL-(see below)]

Protech's lead blankets, while offered in standard dimensions, can be made in any size or shape and are available in all lead types and thicknesses.

Model	PR2424	PR2436	PR2448	LF2424	LF2436	LF2448	LW2424	LW2436	LW2448	ST2424	ST2436	ST2448
Dimensions	24" x 24"	24" x 36"	24" x 48"	24" x 24"	24" x 36"	24" x 48"	24" x 24"	24" x 36"	24" x 48"	24" x 24"	24" x 36"	24" x 48"
Core Material	Premier	Premier	Premier	Lead Free	Lead Free	Lead Free	Light Lead	Light Lead	Light Lead	Lead	Lead	Lead

	Adjustable Barrier	Porta Shield	Graduated Porta Shield	Surgical Barrier
Model:	MB-ADJ	MB-PORTA	MB-PORTA-GRAD	MB-SURGERY
CE Marked:	Yes	Yes	Yes	Yes
Protection:	Standard 0.50mm LE	Standard 0.50mm LE	Standard 0.50mm LE	Standard 0.50mm LE
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.25, 0.35, 0.50mm LE	0.25, 0.35, 0.50mm LE	0.25, 0.35, 0.50mm LE	0.25, 0.35, 0.50mm LE
Material Options:	Refer to pages 32-35	Refer to pages 32-35	Refer to pages 32-35	Refer to pages 32-35
Customizations:	Embroidery or Logo	Embroidery or Logo	Embroidery or Logo	Embroidery or Logo
Special:	Custom Sizing Available	Custom Sizing Available	Custom Sizing Available	Custom Sizing Available
Dimensions:	24" W x 48" H	24" W x 24" H to 36" H	24" W x 17" H to 36" H	24" W x 36" H
Height Adjustment:	24" to 48" H	34" to 60"	34" to 60" H	-

ADJUSTABLE BARRIER

MODEL: [MB-ADJ]

Our adjustable mobile radiation barrier provides maximum shielding from x-ray exposure. Ideal for patient & personnel radiation protection our lead shield is easy to maneuver, and much lighter than the full & half acrylic barriers. This enables greater mobility while maintaining a solid construction with high quality, durable wheel casters.



PORTA SHIELD

MODEL: [MB-PORTA]

The graduated porta shield is a mobile-adjustable lead shield that provides a variety of different adjustable heights blended with a lightweight design. The pentagon shaped wheels provide stability and portability while maintaining a clean design. The shield is attached by velcro which enables easy removal for cleaning.



GRADUATED PORTA SHIELD

MODEL: [MB-PORTA-GRAD]

The graduated porta shield is similar to the porta shield but differentiates itself with its individual lead flaps. The flaps provide excellent versatility and usage. They are attached by velcro which enable easy removal for cleaning.



SURGICAL BARRIER

MODEL: [MB-SURGERY]

The surgical barrier moves with you. It is designed to provide you with maximum protection during procedures requiring fluoroscopy and other sources of x-ray.



SPECIALTY BARRIERS | MOBILE

Overhead Barrier 01 Overhead Barrier 02 Overhead Barrier 03 Overhead Barrier 04

Model:	MB-MOB-01	MB-MOB-02	MB-MOB-03	MB-MOB-04
CE Marked:	No	No	No	No
Material:	Acrylic	Acrylic	Acrylic	Acrylic
Protection:	Standard 0.50mm LE	Standard 0.50mm LE	Standard 0.50mm LE	Standard 0.50mm LE
Window Size:	31.5" L x 23.6" W x .5" H	15.75" L x 23.6" W x .5" H	31.5" L x 23.6" W x .5" H	15.75" L x 23.6" W x .5" H
Curtain Size:	N/A	13.78" L x 23.6" W	N/A	13.78" L x 23.6" W
Special:	Square Arm	Square Arm	Rounded Arm	Rounded Arm

OVERHEAD BARRIER SQUARED MODEL: [MB-MOB-01]

Our unique line of mobile overhead barriers provide flexibility and versatility for a variety of procedures. Made from high quality steel and acrylic, our specialty mobile barriers roll on premium casters. Protech’s specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print.



OVERHEAD BARRIER SQUARED WITH CURTAIN MODEL: [MB-MOB-02]

Our unique line of mobile overhead barriers provide flexibility and versatility for a variety of procedures. Made from high quality steel and acrylic, our specialty mobile barriers roll on premium casters. Protech’s specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print.



OVERHEAD BARRIER ROUNDED MODEL: [MB-MOB-03]

Our unique line of mobile overhead barriers provide flexibility and versatility for a variety of procedures. Made from high quality steel and acrylic, our specialty mobile barriers roll on premium casters. Protech’s specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print.



OVERHEAD BARRIER ROUNDED WITH CURTAIN MODEL: [MB-MOB-04]

Our unique line of mobile overhead barriers provide flexibility and versatility for a variety of procedures. Made from high quality steel and acrylic, our specialty mobile barriers roll on premium casters. Protech’s specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print.



SPECIALTY BARRIERS | MOUNTED

	Mounted Barrier 05	Mounted Barrier 06	Mounted Barrier 07	Mounted Barrier 08
Model:	MB-MCB-05	MB-MCB-06	MB-MCB-07	MB-MCB-08
CE Marked:	No	No	No	No
Material:	Acrylic	Acrylic	Acrylic	Acrylic
Protection:	Standard 0.50mm LE	Standard 0.50mm LE	Standard 0.50mm LE	Standard 0.50mm LE
Window Size:	15.75" L x 23.6" W x .5" H	31.5" L x 23.6" W x .5" H	15.75" L x 23.6" W x .5" H	31.5" L x 23.6" W x .5" H
Curtain Size:	13.78" L x 23.6" W	N/A	13.78" L x 23.6" W	N/A
Special:	Halogen Light	N/A	N/A	Halogen Light

MOUNTED BARRIER WITH CURTAIN AND LIGHT

MODEL: [MB-MCB-05]

Our unique line of mounted overhead barriers provide flexibility and versatility for a variety of procedures. Protech's specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print. Our mounted ceiling line features 360 degree movement along with optional halogen lamp and curtain addition.



MOUNTED BARRIER

MODEL: [MB-MCB-06]

Our unique line of mounted overhead barriers provide flexibility and versatility for a variety of procedures. Protech's specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print. Our mounted ceiling line features 360 degree movement along with optional halogen lamp and curtain addition.



MOUNTED BARRIER WITH CURTAIN

MODEL: [MB-MCB-07]

Our unique line of mounted overhead barriers provide flexibility and versatility for a variety of procedures. Protech's specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print. Our mounted ceiling line features 360 degree movement along with optional halogen lamp and curtain addition.



MOUNTED BARRIER WITH LIGHT

MODEL: [MB-MCB-08]

Our unique line of mounted overhead barriers provide flexibility and versatility for a variety of procedures. Protech's specialty mobile acrylic barriers possess high quality suspension for proper swivel motion. A well engineered configuration allows for lightweight movement, enhanced stability and a small foot-print. Our mounted ceiling line features 360 degree movement along with optional halogen lamp and curtain addition.



TABLE DRAPES

Single/Double Sided Drapes

Anesthesia Front Panel

CE Marked:	No	No
Protection:	0.50mm Lead Equivalence (LE)	0.50mm Lead Equivalence (LE)
Core Material Options:	All Core Types: See pages 8-9	All Core Types: See pages 8-9
Lead Equivalence Options:	0.50, 0.35, or 0.25mm LE	0.50, 0.35, or 0.25mm LE
Fabric Color Options:	Refer to pages 32-35	Refer to pages 32-35
Customizations:	Embroidery & Logo	Embroidery & Logo

Double-Sided



SINGLE/DOUBLE SIDED DRAPES

The single sided table drape uses velcro to adhere to the side of your imaging table. The double sided drape features a saddlebag design for a secure fit to any style imaging table. They provide protection against scatter radiation for your lower body and are specially designed to not obstruct positioning of the C-arm. Each drape attaches to the top by velcro allowing for easy cleaning and adjustability.

Single-Sided



	48" x 24"	48" x 28"	48" x 32"	48" x 36"	36" x 24"	36" x 28"	36" x 36"
Single-Sided	TS/48241	TS/48281	TS/48321	TS/48361	TS/36241	TS/36281	TS/3636FP
Double-Sided	TS/48242	TS/48282	TS/48322	TS/48362	TS/36242	TS/36282	TS/3636DS

ANESTHESIA FRONT PANEL

The anesthesia panel, unlike other table drapes, is a solid panel designed to fit any style imaging table by the head or feet of the patient. It provides protection against scatter radiation for your lower body and is designed to not obstruct positioning of the C-arm.



	22" x 24"	22" x 26"	22" x 28"	22" x 32"	22" x 36"	24" x 24"	24" x 36"
Single-Sided	TS/2224FP	TS/2226FP	TS/2228FP	TS/2232FP	TS/2236FP	TS/2424FP	TS/2436FP



DISPOSABLES

Protech is proud to offer a comprehensive line of disposable products that protect doctors and technicians alike from the harmful effects of exposure to radiation while reducing the occurrence of biological contamination.

ScatterGuard, a Protech brand, is comprised of disposable Smart Caps (head protection), disposable thyroid collar covers, and disposable ScatterGuard Drapes as well as CT eye and thyroid shields. With complete protection from head to toe, ScatterGuard's broad range of disposable products provides specialized protection with convenience.



ScatterGuard products are available in three lead equivalences: 0.125, 0.25, and 0.375mm LE. Protection requirements are dependent on the intensity of the beam and cumulative exposure to x-ray. Protech recommends that the base level of protection, 0.125mm LE, be used in all procedures using x-ray or fluoroscopy with additional protection (0.25 & 0.375) being used in cases of prolonged exposure or higher dosage potential.

CT Thyroid Shield

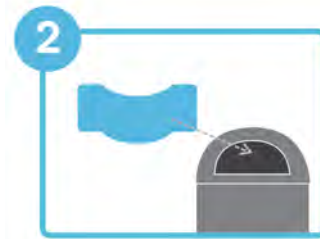
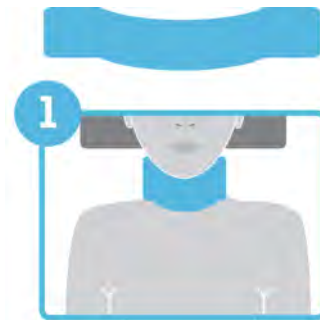
CT Eye Shield

Model:	SG-SHLD-THY	SG-SHLD-EYE
CE Marked:	No	No
Material:	Trade Secret blend of Antimony & Bismuth	Trade Secret blend of Antimony & Bismuth
Protection:	Dose Radiation up to 60% 0.125mm Lead Equivalence	Dose Radiation up to 40% 50kV to 150kV
kVp Range:	50kV to 150kV	Powder & Latex Free
Allergen Info:	Powder & Latex Free	None
Features:	Disposable	Disposable
UOM Quantity:	10 Units	20 Units

CT THYROID SHIELD

MODEL: [SG-SHLD-THY]

The thyroid, aside from your eyes, is one of the most radiosensitive areas on your body. ScatterGuard's disposable CT thyroid shield is essential for protection against exposure to radiation and provides significant dose reduction.

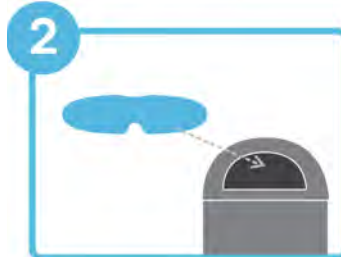
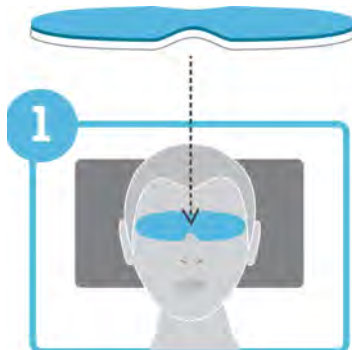


CT EYE SHIELD

MODEL: [PG-SHLD-EYE]

Head CT and general x-ray examinations can result in significant exposure to the lens of the eye. According to the International Commission of Radiological Protection, the estimated threshold for detectable opacities in the eye's lens from a single brief exposure to be 0.5 – 2Gy and the threshold for visual impairment to be 5Gy.

ScatterGuard's CT eye shield provides essential protection of your eye while minimizing artifacting. Made from environmentally friendly lead-free materials, the disposable, single-use eye shield may be disposed of through normal waste procedures.



SCATTERGUARD DISPOSABLES | DRAPES

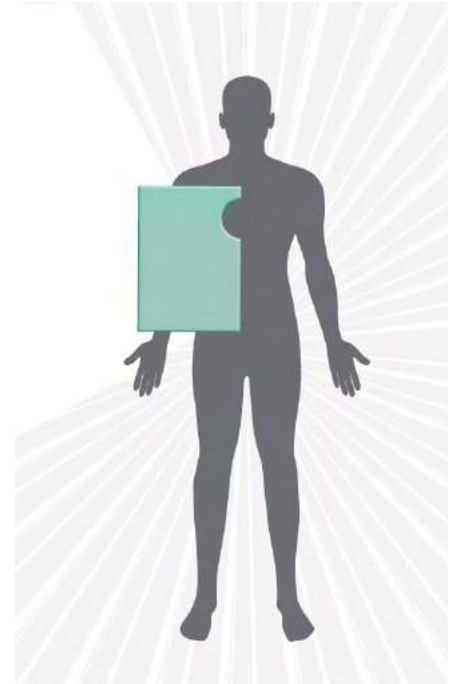
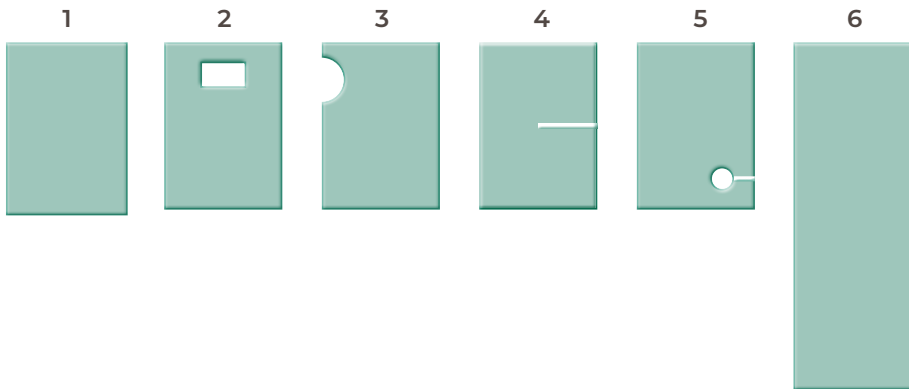
Scatterguard Drape (ASTM)

Scatterguard Drape (IEC)

Model:	See Below	See Below
CE Marked:	No	No
Material:	Lead Free Material	Lead Free Material
Lead Equivalence Options:	0.125mm, 0.25mm, 0.375mm LE	0.25mm, 0.35mm LE
Protection:	0.125mm @ 90kVp >= 75%	Light Duty > 0.25mm Pb
	0.250mm @ 90kVp >= 90%	Light Duty > 0.35mm Pb
	0.375mm @ 90kVp >= 95%	-
Allergen Info:	Powder & Latex Free	Powder & Latex Free
Features:	Disposable	Disposable

SCATTERGUARD DRAPE MODEL: SEE BELOW

Protech's ScatterGuard Drapes will protect surgeons and technicians from the harmful effects of scatter radiation during surgical procedures. Our lead-free, latex-free drapes may be disposed of through normal waste and are custom designed for each procedure. Made from the highest quality raw materials, ScatterGuard is powered by ProGuard, Protech's high quality, lead-free core material.

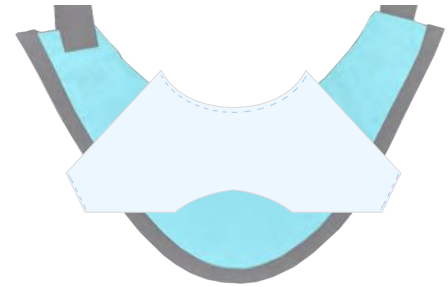


Product	Model	Dimensions	Fenestration	UOM
(1) Multipurpose Drape:	SG-MPD125/250/375	12" x 17"	None	15/BX
(2) Multipurpose Drape w/ Fenestration:	SG-MPD125/250/375-F	12" x 17"	3.5" x 2" Box	15/BX
(3) EP Shield with Scoop Fenestration:	SG-EPD125/250/375-F	12" x 17"	3.5" x 1.5" Scoop	15/BX
(4) Biliary Split Shield:	SG-BSD125/250/375-F	12" x 17"	Slit	15/BX
(5) Femoral Entry Angiography Drape:	SG-FEAD125/250/375-F	14.5" x 16"	1.5" Circle	15/BX
(6) Peripheral Shield:	SG-PPD125/250/375	12" x 34"	None	10/BX

	Thyroid Collar Cover	Disposable Smart Cap
Model:	SG-DTCC	SG-DCAP
CE Marked:	N/A	Yes
Protection:	None	0.50mm Lead Equivalence (LE)
Special:	None	Top and Side Protection
	None	
Core Material Options:	-	Lead-Free (LF)
Lead Equivalence Options:	-	0.125, 0.25, or 0.375 LE
Closure:	-	Ties
Fabric Color Options:	-	Baby Blue
Sizes:	Washable: S, M, L	S - M = 21-22"
	Disposable: One Size Fits All	L - XL = 23-25"
UOM (Box) Quantity:	50	20

THYROID COLLAR COVERS MODEL: [SG-DTCC]

Scatterguard disposable thyroid collar covers do not provide protection against x-ray, but are a useful way to encourage the use of thyroid collars by keeping them clean. Our disposable thyroid collar covers fit a wide variety of thyroid collar styles and will prevent damage from make-up and prevent the buildup build-up of filth on thyroid collars. Extend the life of your life saving thyroid collars by covering them with ScatterGuard’s disposable thyroid collar cover.



DISPOSABLE SMART CAP MODEL: [SG-DCAP]

The Scatterguard Disposable Smart Cap says it all in the name. With premium quality medical grade materials, our lightweight cap is specially designed to protect you from x-ray radiation. Our cap is lead-free and can be disposed of through normal waste procedures. Available in 3 lead thicknesses: 0.125, 0.25, 0.375

Available Colors: Baby Blue



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