



## FRONTAL APRONS

Frontal aprons only have protection in the front but are far more forgiving than full protection aprons. They contain less protective material, so they tend to be **lighter and more flexible** than full protection aprons. They are a fantastic option for **short procedures where risk of lateral exposure is low** or when a garment is required but you are not nearby the beam (over 6 feet or in another room).. If you're looking for a reliable, lightweight frontal apron we **recommend the Flexback** style as a clear customer favorite.



## WRAPAROUND APRONS

Our Wraparound full protection apron styles provide **maximum protection** from the front to the back and are **excellent for long procedures with high exposure**. They do contain more protective material and tend to be **heavier than frontal aprons**. Compared to other full protection styles (Vest Skirts), Wraparounds are usually **easier to don but do concentrate weight on the shoulders**. As a full protection apron, a **proper fit** is **crucial** for weight distribution and comfort. We offer a wide variety of customizations and addons to make your wraparound apron fit perfectly.

## VEST SKIRT APRONS

Vest Skirt Aprons are best suited for those wanting **maximum protection during prolonged procedures with lateral/back exposure**. While they contain more protective material due to overlapping between the vest and skirt, they **eliminate up to 50% of the weight burden on the shoulders and provide more maneuverability**. Our wide variety of Vest styles can be tailored according to your needs and are optimized to reduce weight by up to 15%. A **proper fit is critical** to ensure optimum protection, comfort, and longevity. Check out our customizations and addons to build your perfect apron.

## CHOOSE YOUR CORE MATERIAL & THICKNESS

Each core material varies in composition, weight and level of protection. Higher core material thicknesses result in more protection but also increase weight. The protection thickness of your garment, expressed as lead equivalence (LE), should be determined by your duration of exposure to x-ray and the intensity of the beam. The most critical factor is duration. For short, simple procedures utilizing lower kV beam intensities, 0.35mm LE may be suitable. Whereas 0.50mm LE should be used during long procedures regardless of beam intensity.

Thickness options are 0.25, 0.35, and 0.50mm LE with .50mm\* and .35mm\* LE being the most popular. We offer additional options upon request such as .75mm and 1.00mm. **Standard protection for lead garments is 0.50mm in the front and 0.25mm in the back.** For other product types such as dental aprons and some lead accessories, standard lead equivalences may vary.

### ASTM & IEC CERTIFIED

Standard Lead Prolite Bilayer IEC



ASTM CERTIFIED

### CORE MATERIAL THICKNESS OPTIONS

0.25

0.35

0.50

Lightest

Attenuates from  
86-91% @ 90kV

Optimal

Attenuates approx.  
94% @ 90kV

Standard

Attenuates approx.  
97% @ 90kV

Prolite



Premier



Nano



\*Please be advised that some state or country requirements may be specific about what thicknesses are permitted.



## QUICKSHIP APRONS

The Apollo Quickship line offers high quality, radiation safety apparel ready to ship within 24 hours. All Apollo aprons are made with our easy-to-clean, Satinguard antimicrobial fabrics on both the apron's exterior and interior. It also comes with a matching, velcro thyroid collar secured via buckle attachment.

**Apollo Quickship aprons are available in the following standard sizes:**

	Small	Medium	Large	XL
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Height	5'4"	5'8"	5'11"	6'2"+
Chest	42"	45"	48"	53"
Waist	34	38	42	46
Hips	36	40	44	48
Front Length	34	37	40.5	42.5
Front Width	21	22	24	26
Vest Length	22	24	25	25
Skirt Length	20	20	21	21





## FLEXBACK APRON

MODEL: APO-FB

0.50mm LE Protection in the Front

Lead, Velcro Thyroid collar included

Available in Prolite and Lead

Features: Elastic Back, Extra Shoulder Padding, Pocket

Sizes: S, M, L, XL, 2XL



## VEST SKIRT APRON

MODEL: APO-VS

0.50mm LE Protection in the front

0.25mm LE Protection in the back

Lead, Velcro Thyroid collar included

Available in Prolite and Lead

Features: Buckle sets, Extra Shoulder Padding, Pocket

Sizes: S, M, L, XL

# CUSTOMIZATION OPTIONS



## BACK STRAP

A Velcro backstrap keeps your apron shoulders secured and prevents slippage.



## ELASTIC BACK

Provides enhanced adjustability and lumbar support by shifting apron weight from shoulders to the hips.



## BACK MESH

Allows for maximum airflow in the back panels of your frontal apron and helps keep you cool.

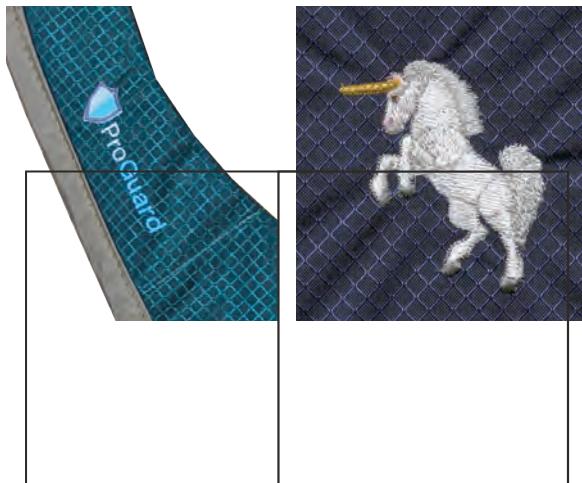


## NON-SLIP FABRIC

A high friction, anti-slip fabric that is added to the back interior of your skirt or other key areas depending on style selection which reduces slippage and improves fit.



# CUSTOMIZATIONS: DESIGN OPTIONS



## LOGO AND EMBROIDERY

Personalize your apron by placing your name or logo anywhere! We also have stock logos to choose from. Common locations include the pocket, just above the pocket, and on your thyroid.

## VELCRO PATCH

A velcro patch with custom embroidery can be added to a specific area on your apron. Typical locations are on the pocket, above pocket, or to the left of your pocket.



## LUXRAY PATTERNS

Have your apron tailored to perfection with LuxRay's patterned accents on the apron sides, pocket and thyroid collar. If you have a special fabric you'd like to use, we can incorporate that as well!

## EXTRA POCKETS

Need an extra pocket or two? Whether you need one on your skirt, inside your vest or even on your knees (yes, we did it), we can accommodate most requests. Shown here is a spacious L-shaped pocket which can be added to your skirt.



## CUSTOMIZATIONS: PROTECTION OPTIONS

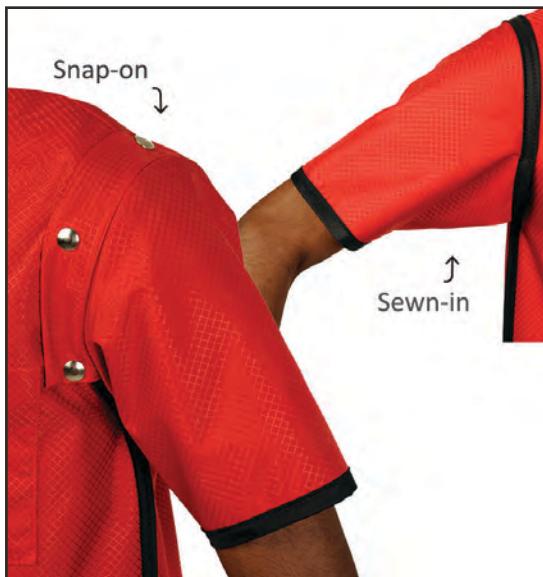


### AXILLARY WINGS

Axillary wings are a protective flap sewn-in or "snapped-on" to your apron and offer vital protection to vulnerable breast tissue and red bone marrow areas. Protection levels will match your apron specifications.

### SIDE EXTENSIONS

Side Extensions can provide an additional +2 inches of protection on both sides and provide important lateral protection. Protection levels will match your apron specifications.



### APRON SLEEVE

Apron sleeves wrap around your entire arm and offer comprehensive protection of vulnerable breast tissue and red bone marrow areas. Sleeves come standard in 0.25mm LE and can be sewn-in permanently or offered in our removable "Snap-on" option.

**Note:** To improve mobility, our apron sleeves are not sewn/attached at the armpit. For an upcharge, we can add a small "flap" which is tucked inside the apron armpit to ensure there are no gaps in protection.



FRONT PROTECTION

**APRON FEATURES**

**⊕ Backstrap**  
Velcro backstrap securely fastens shoulder area.

**⊕ Back Relief Belt**  
Wide, elastic belt provides lumbar support and maximum comfort.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**  
**Belt Buckle Closure**

**ADDITIONAL CUSTOMIZATION OPTIONS**

Thyroid Collar	Drop Shoulder	Wings
Extra Pocket	Embroidery	Back Mesh
Logo	Sleeve	

**Core Material**      **Weight (0.25mm)**      **Thickness Options**

 Pb	Lead	3500 gsm	0.25, 0.50mm
 Prolite		2850 gsm	0.25, 0.35, 0.50mm
 IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
 PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
 Nano		2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

**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 for 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.



FRONT PROTECTION

APRON FEATURES

**+** **Backstrap**  
Velcro backstrap securely fastens shoulder area.

**+** **Elastic Back**  
Provides enhanced adjustability and lumbar support. Shifts weight from shoulders & hips.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Velcro Closure**

ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar

Drop Shoulder

Wings

Extra Pocket

Embroidery

Back Mesh

Logo

Sleeve

Core Material	Weight (0.25mm)	Thickness Options
Pb Lead	3500 gsm	0.25, 0.50mm
PL Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR Premier	2600 gsm	0.25, 0.35, 0.50mm
N Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.



**FLEXBACK APRON**

MODEL: [ AP-FB ]

Representing the gold standard of quality, the Flexback apron design provides enhanced back relief, comfort, and 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.



# 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.



## FRONT PROTECTION

## APRON FEATURES

**Hanging Straps**  
Hanging straps on the shoulders allow for easy storage on any Protech apron rack.

**Surgical Drop**  
Quick release velcro closure tabs help maintain sterile field.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Velcro Closure**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar    Extra Pocket    Embroidery  
Logo

### Core Material    Weight (0.25mm)    Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
NA	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

## FRONT PROTECTION

## APRON FEATURES

**Shoulder Padding**

Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket****Tie Closure**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar  
Logo

Embroidery  
Sleeve

Wings  
Backstrap

The Tie Apron is an easy-to-use, affordable option for x-ray protection. Utilizing a tie closure, the Tie Apron's criss crossing straps ensure a secure and comfortable fit. See Pediatric options at the end of this section.

**TIE  
APRON**

MODEL: [ AP-TA ]



## Core Material      Weight (0.25mm)      Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
N	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

# 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 enables the user to sit comfortably while maintaining maximum coverage from x-ray.



### FRONT PROTECTION

## APRON FEATURES

**Multi-Panel Design**  
Allows for easy maneuvering and a comfortable fit.

**Backstrap**  
Velcro backstrap securely fastens shoulder area.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Velcro Closure**

### ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Drop Shoulder	Wings
Extra Pocket	Embroidery	Back Mesh
Logo	Sleeve	

### Core Material      Weight (0.25mm)      Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
NA	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

# 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.



FULL PROTECTION

## APRON FEATURES

**Complete Coverage**  
The front & back panels ensure you are fully protected from beginning to end of your pregnancy.

**Half Apron Included**  
A Half apron is included for additional protection as you progress through your pregnancy.

**Tri-tab Closure**  
Ensures a proper fit and easy donning.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Tie & Buckle Closures**

### ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar      Wings      Extra Pocket  
Embroidery      Logo      Sleeve

#### Core Material      Weight (0.25mm)      Thickness Options

	Prolite	2850 gsm	0.25, 0.35, 0.50mm
	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
	Premier	2600 gsm	0.25, 0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

FULL PROTECTION

## APRON FEATURES

**Elastic Back**  
Provides enhanced adjustability and lumbar support. Shifts weight from shoulders & hips.

**Single Front Panel**  
Eliminates excess overlapping panels achieving a 15% weight reduction (compared to other wraparound and VS models).

**Tri-tab Closure**  
Ensures a proper fit and easy donning.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Velcro Closure**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Wings	Extra Pocket
Embroidery	Logo	Sleeve

Core Material	Weight (0.25mm)	Thickness Options
PL Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR Premier	2600 gsm	0.25, 0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

## WRAPAROUND FLEXBACK MATERNITY APRON

MODEL: [ AP-WAFBMA ]

The Wraparound Flexback Maternity 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 the tri-tab velcro closure system provides convenient, easy-on easy-off wearability. In addition, the 6" wide frontal velcro allows the wearer to adjust the crossties up or down to account for mom's growing belly. The Wrap Around Flexback eliminates excess overlapping lead and is up to **15% lighter than traditional wrap styles**.

**Please note: For extra safety, Maternity Wraparound Flexback back panels come standard 0.25mm LE in each panel, creating enhanced 0.50mm LE protection at overlap.**



# WRAPAROUND FLEXBACK APRON

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 the tri-tab velcro closure system provides convenient, easy-on easy-off wearability. The Wrap Around Flexback eliminates excess overlapping lead and is up to **15% lighter than traditional wrap styles**.

**Please note: Wraparound Flexback back panels come standard 0.125mm LE in each panel, creating 0.25mm LE protection at overlap. If greater protection is required, please specify.**



FULL PROTECTION

## APRON FEATURES

- Elastic Back**  
Provides enhanced adjustability and lumbar support. Shifts weight from shoulders & hips.
- Single Front Panel**  
Eliminates excess overlapping panels achieving a 15% weight reduction (compared to other wraparound and VS models).
- Tri-tab Closure**  
Ensures a proper fit.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Velcro Closure**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar    Extra Pocket  
Embroidery    Logo

Core Material    Weight (0.25mm)    Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
N	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

FULL PROTECTION

## APRON FEATURES

- Elastic Back**  
Provides enhanced adjustability and lumbar support. Shifts weight from shoulders & hips.
- Single Front Panel**  
Eliminates excess overlapping panels achieving a 10% weight reduction (compared to VS model).
- Tri-tab Closure Design**  
Ensures a proper fit.
- Non-slip Backing**  
(On skirt interior) Reduces slippage and improves fit.

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**

**Multi-tab Velcro Closure**

**Hanging Tabs on Skirt**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Extra Pocket	Suspenders (skirt)
Embroidery	Logo	

## Core Material      Weight (0.25mm)      Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
N	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

TRI-TAB VEST  
AND SKIRT APRON

MODEL: [AP-TVEST] (vest only) [AP-SKIRT] (skirt only) [AP-TVS] (vest and skirt combo)

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.** **IMPORTANT: For the most accurate fit, please use the "Tri-tab Vest" measurements to determine your proper size.**

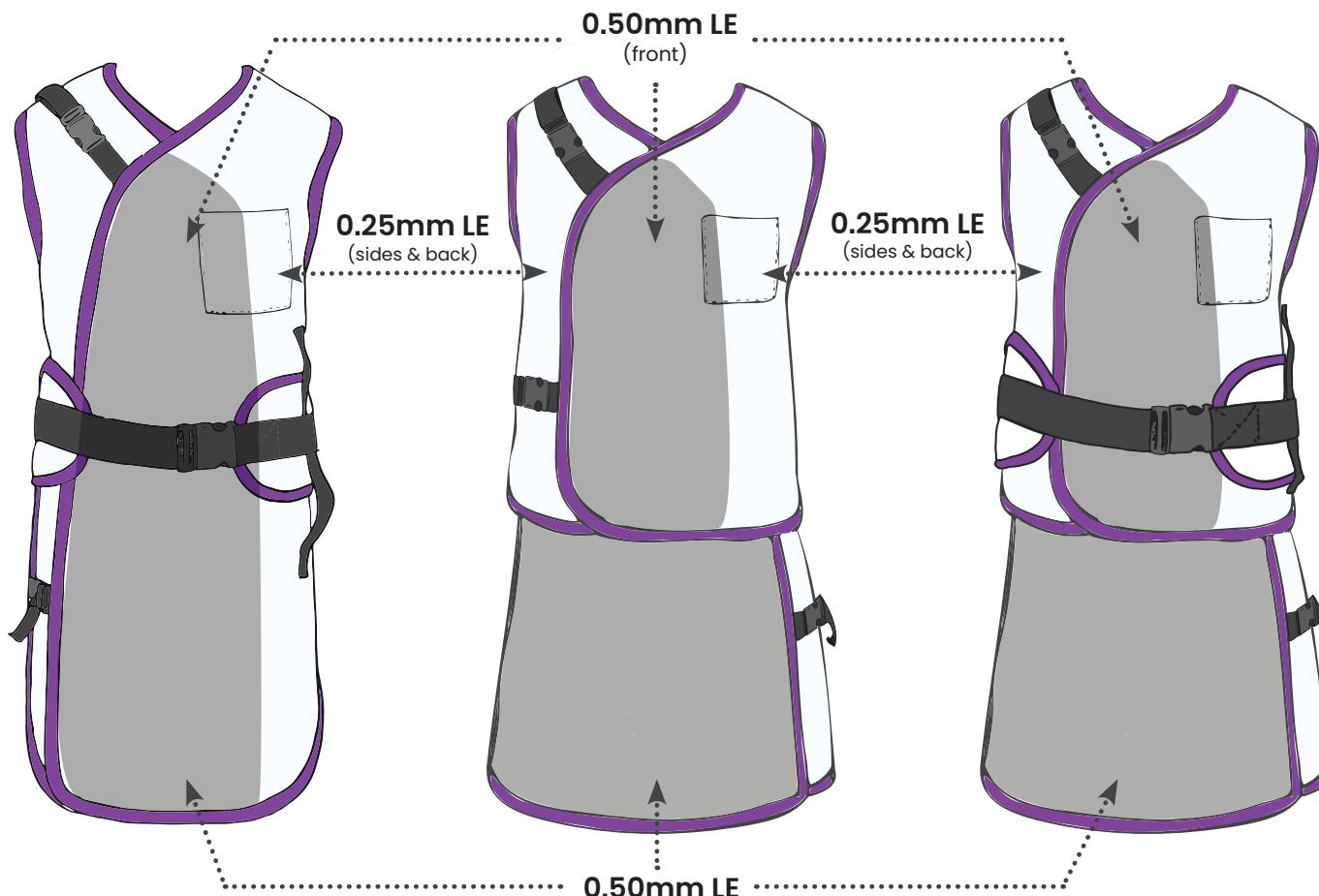
**Please note: Tri-tab Vest back panels come standard 0.125mm LE in each panel, creating 0.25mm LE protection at overlap. If greater protection is required, please specify.**



## LEAD CONFIGURATION FOR PROGUARD

VS  
**ESSENTIAL**

## 0.50MM LE LEAD CONFIGURATION EXAMPLE



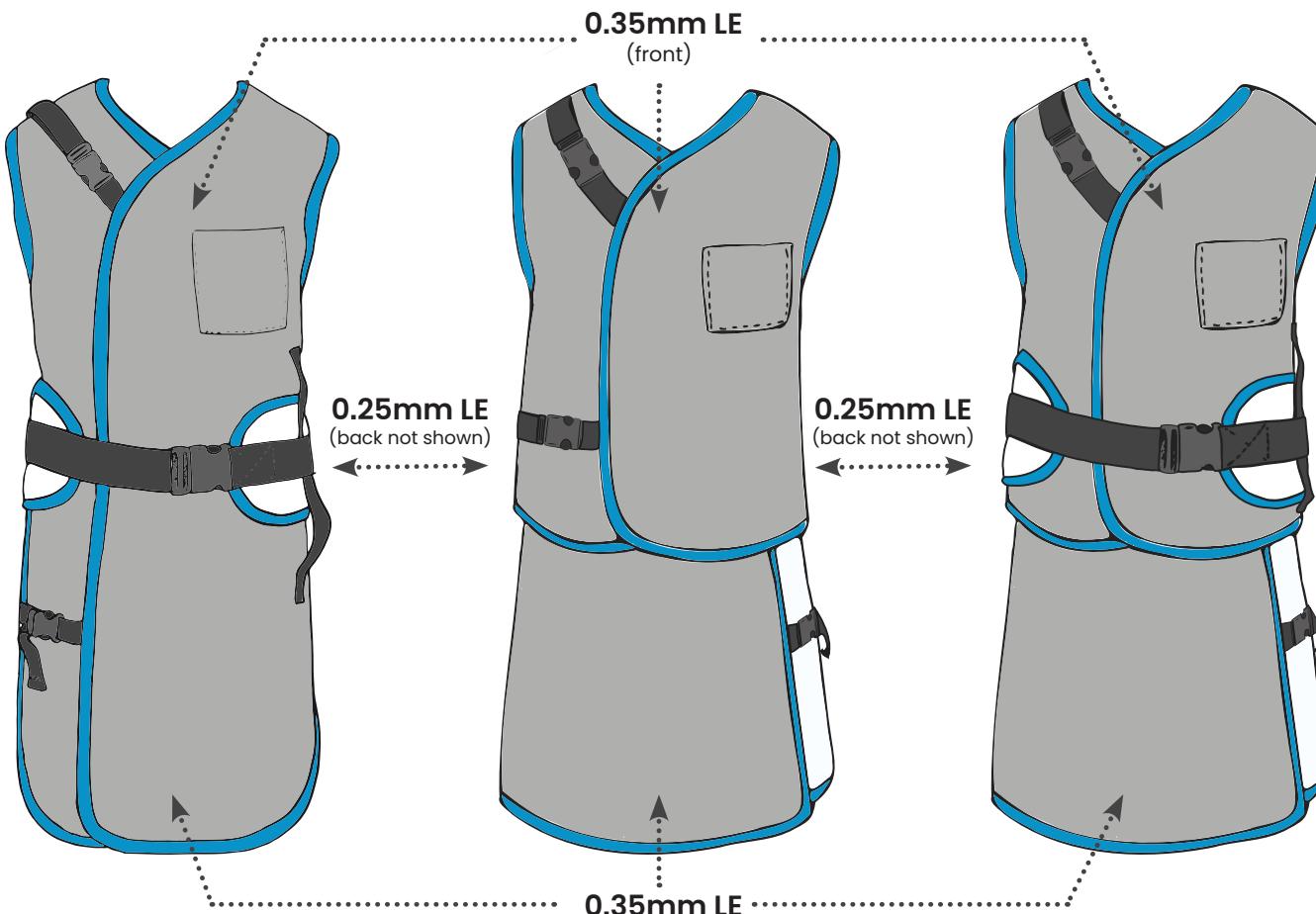
- 3/4 Overlapping Panel
  - Desired protection at overlap where most sensitive organs are
    - helps with weight reduction
  - Standard 0.25mm LE in back of skirt
  - Standard Sizing Only

Dark gray areas indicate where vest panels overlap to create desired protection. In this example, two 0.25mm vest panels overlap to create 0.50mm LE protection over the body's most sensitive organs. White areas indicate 0.25mm protection.

## LEAD CONFIGURATION FOR PROGUARD

# BALANCE

## 0.35MM LE LEAD CONFIGURATION EXAMPLE



- Standard Overlapping Panel
- Seam-to-seam, single LE protection
- Standard 0.25mm LE in back (vest, skirt and wraparound)
- Custom and Standard Sizing available

Dark gray areas indicate where panel(s) are placed to create desired protection. In this example, there is uniform 0.35mm LE protection from seam to seam (no protection changes at overlap). This is achieved through the use of additional, internal layers of lead. White areas indicate 0.25mm protection.

# ESSENTIAL™ WRAPAROUND BACK RELIEF APRON

MODEL: [ AP-WAQ ]



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 to ensure a proper fit. The Essential apron configuration **features extended front panels to achieve a 3/4 overlap (where protection is doubled) which allows for a lighter weight apron without compromising protection.** The Essential Wraparound is available in standard sizing only. For a made-to-measure Wraparound apron, see the Balance Wraparound on the next page.



FULL PROTECTION

## APRON FEATURES

- Adjustable Buckle Set**  
Adjustable buckle closures ensure a secure fit.
- Back Relief Belt**  
Elastic lumbar support belt with buckle closure system.
- Extended Front Panels**  
Front panels are extended to 3/4 overlap coverage where LE protection is doubled

**Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.

**Apron Pocket**  
Velcro and Buckle Closures

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar      Wings      Extra Pocket  
Embroidery      Logo      Sleeve

### Core Material      Weight (0.25mm)      Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

FULL PROTECTION

## APRON FEATURES

- Adjustable Buckle Set**  
Adjustable buckle closures ensure a secure fit.
- Back Relief Belt**  
Elastic lumbar support belt with buckle closure system.
- Seam-to-seam Protection**  
Seam-to-seam, standardized protection in Front (no change in protection at overlap)

- Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.
- Apron Pocket**
- Velcro and Buckle Closures**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Wings	Extra Pocket
Embroidery	Logo	Sleeve

## Core Material      Weight (0.25mm)      Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
N	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

## BALANCE™ WRAPAROUND BACK RELIEF APRON

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 to ensure a proper fit. The Balance configuration **features seam-to-seam, single LE protection with standard overlapping panels** (see below for lead configuration).



# ESSENTIAL™ VEST AND SKIRT APRON

MODEL: [AP-VQ] (vest only) [AP-SKIRT] (skirt only) [AP-VSQ] (vest and skirt combo)

Be prepared for prolonged procedures with the Vest Skirt apron. The two piece design shifts 70% of the weight directly to the hips, reducing back fatigue. The Essential apron configuration **features extended front panels to achieve a 3/4 overlap (where protection is doubled) which allows for a lighter weight apron without compromising protection.** The skirt comes standard with a premium non-slip fabric in the back. **Essential aprons are only available in standard sizes.** For a made-to-measure Vest Skirt, see the Balance Vest Skirt Apron.



FULL PROTECTION

## APRON FEATURES

### Adjustable Buckle Set

Adjustable buckle closures ensure a secure fit.

### Non-slip Backing

(On skirt interior) Reduces slippage and improves fit.

### Extended Front Panels

Front panels are extended to 3/4 overlap coverage where LE protection is doubled

### Shoulder Padding

Premium foam padding in the shoulders provides extra comfort.

### Apron Pocket

### Velcro Closure

### Hanging Tabs on Skirt

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Wings	Extra Pocket	Suspenders (skirt)
Embroidery	Logo	Sleeve	

### Core Material      Weight (0.25mm)      Thickness Options

Pb	Lead	3500 gsm	0.25, 0.50mm
PL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

FULL PROTECTION

## APRON FEATURES

- +** **Adjustable Buckle Set**  
Adjustable buckle closures ensure a secure fit.
- +** **Non-slip Backing**  
(On skirt interior) Reduces slippage and improves fit.
- +** **Seam-to-seam Protection**  
Seam-to-seam, standardized protection in Front (no change in protection at overlap)

- Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.
- Apron Pocket**
- Velcro Closure**
- Hanging Tabs on Skirt**

### ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Wings	Extra Pocket	Suspenders (skirt)
Embroidery	Logo	Sleeve	

Core Material	Weight (0.25mm)	Thickness Options
---------------	-----------------	-------------------

Pb	Lead	3500 gsm	0.25, 0.50mm
FL	Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC	Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR	Premier	2600 gsm	0.25, 0.35, 0.50mm
NG	Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.



## BALANCE™ VEST AND SKIRT APRON

MODEL: [AP-V]<sub>(vest only)</sub> [AP-SKIRT]<sub>(skirt only)</sub> [AP-VS]<sub>(vest and skirt combo)</sub>

Be prepared for prolonged procedures with the Vest Skirt apron. The two piece design shifts 70% of the weight directly to the hips, reducing back fatigue. The Balance configuration **features seam-to-seam, single LE protection with standard overlapping panels** (see pages 34-35 for lead configuration information). The skirt comes standard with a premium non-slip fabric in the back.



# ESSENTIAL™ FLEXBACK

## VEST AND SKIRT APRON

MODEL: [AP-VFBQ] (vest only) [AP-SKIRT] (skirt only) [ AP-VSFBQ ] (vest and skirt combo)

The Essential Vest Skirt Flexback shifts 70% of the weight directly to the hips with added support of an adjustable, elastic back relief belt. The Essential apron configuration **features extended front panels to achieve a 3/4 overlap (where protection is doubled) which allows for a lighter weight apron without compromising protection.** The skirt comes standard with an anti-slip fabric in the back (interior) to keep your skirt in place. **Essential aprons are only available in standard sizes.** For a made-to-measure Vest Skirt Flexback, see the Balance Vest Skirt Flexback Apron.



FULL PROTECTION

## APRON FEATURES

- Adjustable Buckle Set**  
Adjustable buckle closures ensure a secure fit.
- Flexback Belt**  
Wraps internally around your back and securely fastens in the front.
- Non-slip Backing**  
(On skirt interior) Reduces slippage and improves fit.
- Extended Front Panels**  
Front panels are extended to 3/4 overlap coverage where LE protection is doubled

- Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.
- Apron Pocket**
- Velcro Closure**
- Hanging Tabs on Skirt**

### ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Wings	Extra Pocket	Suspenders (skirt)
Embroidery	Logo	Sleeve	

Core Material	Weight (0.25mm)	Thickness Options
Pb	Lead	3500 gsm
PL	Prolite	2850 gsm
IEC	Prolite IEC	3000 gsm
PR	Premier	2600 gsm
		0.25, 0.50mm
		0.25, 0.35, 0.50mm
		0.25, 0.35, 0.50mm
		0.25, 0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.

FULL PROTECTION

## APRON FEATURES

- Adjustable Buckle Set**  
Adjustable buckle closures ensure a secure fit.
- Flexback Belt**  
Wraps internally around your back and securely fastens in the front.
- Non-slip Backing**  
(On skirt interior) Reduces slippage and improves fit.
- Seam-to-seam Protection**  
Seam-to-seam, standardized protection in Front (no change in protection at overlap)

- Shoulder Padding**  
Premium foam padding in the shoulders provides extra comfort.
- Apron Pocket**
- Velcro Closure**
- Hanging Tabs on Skirt**

## ADDITIONAL CUSTOMIZATION OPTIONS

Thyroid Collar	Wings	Extra Pocket	Suspenders (skirt)
Embroidery	Logo	Sleeve	

Core Material	Weight (0.25mm)	Thickness Options
Pb Lead	3500 gsm	0.25, 0.50mm
PL Prolite	2850 gsm	0.25, 0.35, 0.50mm
IEC Prolite IEC	3000 gsm	0.25, 0.35, 0.50mm
PR Premier	2600 gsm	0.25, 0.35, 0.50mm
Nano	2300 gsm	0.35, 0.50mm



FOR SIZING AND COLOR OPTIONS SEE PAGES 68-79.



\*CE applies to Lead and Prolite IEC from 0.25mm to 1.00mm.



## BALANCE™ FLEXBACK VEST AND SKIRT APRON

MODEL: [AP-VFB]<sub>(vest only)</sub> [AP-SKIRT]<sub>(skirt only)</sub> [AP-VSFB]<sub>(vest and skirt combo)</sub>

The Vest Skirt Flexback shifts 70% of the weight directly to the hips with added support of an adjustable, elastic back relief belt. The Balance configuration **features seam-to-seam, single LE protection with standard overlapping panels** (see below for lead configuration). The skirt comes standard with an anti-slip fabric in the back (interior) to keep your skirt in place.



## ORIGINAL THYROID COLLAR



MODEL AP-TCO

CORE MATERIALS All Core Types (see pages 14-15)

THICKNESS 0.50 (standard), 0.35, 0.25mm LE

CLOSURE Velcro (shown), Magnets or Buckle

SIZING Small: 13-14" (neck circ.)

Medium: 15-16" (neck circ.)

Large: 17"+ (neck circ.)

X-Large: Custom (neck circ.)

CUSTOMIZATIONS Embroidery and Logo

ATTACHMENTS Loose, Clip, Keyring, Tethered

COLORS See fabric colors on pages 73-79

CE Yes

The original style thyroid collar fits lower on the neck, offering coverage of the thyroid against scatter radiation. Velcro strips on the end allow for neck size adjustability. This streamlined style is our most popular.



## BIB THYROID COLLAR

MODEL AP-TCB (reg.) / AP-TCBL (oversized)

CORE MATERIALS All Core Types (see pages 14-15)

THICKNESS 0.50 (standard), 0.35, 0.25mm LE

CLOSURE Velcro (shown) or Magnets

SIZING One size fits all

DIMENSIONS Regular - 24" L x 7.5" H (4.5" bib)

Oversized - 24" L x 9" H (6" Bib)

CUSTOMIZATIONS Embroidery and Logo

ATTACHMENTS Loose, Clip, Keyring, Tethered

COLORS See fabric colors on pages 73-79

CE No

The Bib thyroid's streamlined design provides a comfortable fit as well as complete coverage to the neck area. For those wanting a little extra coverage, we also offer an oversized Bib option (6" in length).





## PROGUARD THYROID COLLAR

MODEL	AP-TCG
CORE MATERIALS	All Core Types (see pages 14-15)
THICKNESS	0.50 (standard), 0.35, 0.25mm LE
CLOSURE	Velcro
SIZING	Small: 21" (neck circ.) Medium: 22" (neck circ.) Large: 23" (neck circ.) X-Large: 24" (neck circ.)
CUSTOMIZATIONS	Embroidery and Logo
ATTACHMENTS	Loose, Clip, Keyring, Tethered
COLORS	See fabric colors on pages 73-79
CE	Yes

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



## VISOR THYROID COLLAR

MODEL	AP-TCV
CORE MATERIALS	All Core Types (see pages 14-15)
THICKNESS	0.50 (standard), 0.35, 0.25mm LE
CLOSURE	Velcro (shown) or Magnets
SIZING	Small: 25" (neck circ.) Large: 27" (neck circ.)
CUSTOMIZATIONS	Embroidery and Logo
ATTACHMENTS	Loose, Clip, Keyring, Tethered
COLORS	See fabric colors on pages 73-79
CE	No

Ergonomically designed for a snug fit, the Visor thyroid is optimized for comfort and maximum protection. The neck piece provides additional front and lateral protection.





## STANDARD THYROID COLLAR

MODEL	AP-TCS
CORE MATERIALS	All Core Types (see pages 14-15)
THICKNESS	0.50 (standard), 0.35, 0.25mm LE
CLOSURE	Velcro, Magnets or Buckle (shown)
SIZING	Small: 13-14" (neck circ.) Medium: 15-16" (neck circ.) Large: 17"+ (neck circ.) X-Large: Custom
CUSTOMIZATIONS	Embroidery and Logo
ATTACHMENTS	Loose, Clip, Keyring, Tethered
COLORS	See fabric colors on pages 73-79
CE	Yes

The standard radiation thyroid collar is designed to fit higher along the neck while providing complete coverage of the thyroid against x-ray radiation.



## MAMMOGRAPHY THYROID COLLAR

MODEL	AP-TCM
CORE MATERIALS	All Core Types (see pages 14-15)
THICKNESS	0.50 (standard), 0.35, 0.25mm LE
CLOSURE	Velcro (shown) or Buckle
SIZING	One Size: 29" L, 4" Bib
CUSTOMIZATIONS	Embroidery and Logo
ATTACHMENTS	Loose, Clip, Keyring, Tethered
COLORS	See fabric colors on pages 73-79
CE	Yes

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.



# THYROID COLLAR COVERS

<b>MODEL</b>	SG-TCCD
<b>CORE MATERIALS</b>	None
<b>MATERIAL</b>	Blue SMS
<b>SIZING</b>	One size fits all
<b>FEATURES</b>	Disposable
<b>UOM QTY</b>	50 per box

Our 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. The thyroid collar covers fit a wide variety of thyroid collar styles, will prevent damage from make-up and prevent the build-up of filth. Extend the life of your thyroid collars by covering them with ScatterGuard's hygienic, disposable thyroid collar cover.



## DISPOSABLE THYROID COLLAR

<b>MODEL</b>	SG-DTHY
<b>CORE MATERIALS</b>	Prolite
<b>THICKNESS</b>	0.125, 0.25*, or 0.50mm LE
<b>CLOSURE</b>	Velcro
<b>SIZING</b>	Regular: 13-16" (neck circ.) Large: 17-20" (neck circ.)
<b>CUSTOMIZATIONS</b>	None
<b>FABRIC</b>	ActiV
<b>CE</b>	Yes* (only 0.25mm LE)



ScatterGuard's disposable Thyroid Collars are designed to provide essential protection against scatter radiation. Light-weight and available in 2 sizes, our disposable thyroid collar is made with a premium lead-free material and may be disposed of through normal waste procedures. The disposable Thyroid Collar blocks up to 95% of radiation.





## DISPOSABLE SMART CAP

MODEL	SG-DCAP
CORE MATERIALS	Prolite
THICKNESS	0.60, 0.125, 0.25*, or 0.50mm LE
CLOSURE	Ties
SIZING	Small - 21" (head circ.) Medium - 22" (head circ.) Large - 23" (head circ.)
CUSTOMIZATIONS	None
FABRIC	Blue SMS
CE	Yes* (only 0.25mm LE)

ScatterGuard's disposable Smart Caps are designed to provide essential protection against scatter radiation. Smart Caps feature a cotton inner-liner to absorb perspiration and ensure a comfortable fit. Light-weight and adjustable, our Smart Cap is available in 3 sizes. The 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.



**PROGUARD SMART CAP****MODEL** AP-PGCAP**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Beaded Adjustable Strap**SIZING** SM-M: 21-22" (head circ.)

L-XL: 23-25" (head circ.)

**CUSTOMIZATIONS** Embroidery and Logo**COLORS** See fabric colors on pages 73-79**CE** Yes

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

**PAGE CAP****MODEL** AP-PAGE**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Velcro**SIZING** Small: 21" (head circ.)

Medium: 22" (head circ.)

Large: 23" (head circ.)

X-Large: 24" (head circ.)

**CUSTOMIZATIONS** Embroidery and Logo**PROTECTION** Side Protection**COLORS** See fabric colors on pages 73-79**CE** Yes

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.





## GONAD/OVARIAN SHIELD

MODEL AP-GONAD/GONAD-SET

CORE MATERIALS All Core Types (see pages 14-15)

THICKNESS 0.50 (standard), 0.35, 0.25mm LE

CLOSURE Velcro (standard) or Buckle

SIZING Small - 5.75" x 4.5"

Medium - 7.6" x 6.4"

Large - 9.5" x 7.8"

Pediatric sizing available (pg 68)

CUSTOMIZATIONS Embroidery and Logo

SPECIAL Available as a set of 3 or individually

COLORS See fabric colors on pages 73-79

CE Yes

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 Velcro or buckle also allows the user to fit almost any waist size. The gonad/ovarian belt system comes as a set of 3 sizes (adult or pediatric sets). They can also be purchased individually.



## APRON SLEEVE

MODEL AP-SLV (sewn-in) / SLV2 (snap-on)

CORE MATERIALS All Core Types (see pages 14-15)

THICKNESS 0.50, 0.35, 0.25mm (standard) LE

CLOSURE Snap-on or Sewn-in

SIZING (FEMALE) Small, Medium, Large, XL, 2XL

SIZING (MALE) Small, Medium, Large, XL, 2XL

Length (reg): 11" | Length (short): 8.5"

Circumference: see size charts

CUSTOMIZATIONS Embroidery and Logo

COLORS See fabric colors on pages 73-79

CE Yes



This optional sleeve is available for many 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. Please note that the apron sleeve is not fully attached at the armpit. An optional flap is available for additional protection/coverage (see customizations page for more info). Price is per (1) sleeve.

Sewn-in



Snap-on



## SHIN GUARDS



MODEL AP-SG

CORE MATERIALS All Core Types (see pages 14-15)

THICKNESS 0.50 (standard), 0.35, 0.25mm LE

CLOSURE Velcro

SIZING SM: 13" x 9"

M: 14" x 10"

L: 16" x 12"

XL: 18" x 24"

CUSTOMIZATIONS Embroidery and Logo

COLORS See fabric colors on pages 73-79

CE Yes

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 foot covers may be added (AP-FOOT).



(AP-FOOT)



## HALF APRON

MODEL AP-HA

CORE MATERIALS All Core Types (see pages 14-15)

THICKNESS 0.50 (standard), 0.35, 0.25mm LE

CLOSURE Velcro

SIZING SM (pediatric): 10" x 10"

MD: 18" x 16"

LG: 24" x 20"

XL: 24" x 24"

CUSTOMIZATIONS Embroidery and Logo

COLORS See fabric colors on pages 73-79

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.



## CORSET BELT

<b>MODEL</b>	AP-CORSET
<b>PROTECTION</b>	None
<b>SIZING (FEMALE)</b>	Small – 4XL (Use apron waist measurement)
<b>SIZING (MALE)</b>	XS – XL (Use apron waist measurement)
<b>COLORS</b>	Black

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.**

**\*\*Use apron waist measurements on page 59 to determine your size.**



# BACK RELIEF BELT

MODEL	AP-BLT
PROTECTION	None
CLOSURE	Buckle
SIZING (FEMALE)	XS: 24-26"   S: 26-28" M: 28-31"   L: 31-33" XL: 34-38"
SIZING (MALE)	XS: 30-33"   S: 33-36" M: 37-40"   L: 41-44" XL: 44-48"
CUSTOMIZATIONS	None
COLORS	See fabric colors on pages 73-79

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.



SM Synergy Medical Corporation

# PEDIATRIC PROTECTION



(626) 254-9690 • Fax (626) 254-9691

[www.synergymedcorp.com](http://www.synergymedcorp.com)

**PEDIATRIC TIE APRON****MODEL** AP-TA-CH**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Tie**SIZING** Small: 12 x 24" (Ages 1-3)

Medium: 14 x 26" (Ages 4-6)

Large: 16 x 28" (Ages 7-10)

**CUSTOMIZATIONS** Embroidery and Logo**COLORS** See fabric colors on pages 73-79**CE** Yes

The Tie Apron is an easy-to-use, affordable option for x-ray protection. Utilizing a tie closure, the Tie Apron's criss crossing straps ensure a secure and comfortable fit. Premium foam padding in the shoulders provides extra comfort.

**PEDIATRIC VELCRO ADJUSTABLE APRON****MODEL** AP-VA-CH**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Velcro**SIZING** Small: 12 x 24" (Ages 1-3)

Medium: 14 x 26" (Ages 4-6)

Large: 16 x 28" (Ages 7-10)

**CUSTOMIZATIONS** Embroidery and Logo**COLORS** See fabric colors on pages 73-79**CE** Yes

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 HALF APRON**

MODEL	AP-HA-CH
CORE MATERIALS	All Core Types (see pages 14-15)
THICKNESS	0.50 (standard), 0.35, 0.25mm LE
CLOSURE	Velcro
SIZING	Pediatric: 10" x 10"
CUSTOMIZATIONS	Embroidery and Logo
COLORS	See fabric colors on pages 73-79
CE	Yes

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.

**PEDIATRIC DENTAL APRON**

MODEL	AP-DA-CH
CORE MATERIALS	Lead - 0.25mm
& THICKNESS	Prolite - 0.30mm
	Prolite Bilayer IEC - 0.30mm
CLOSURE	None
SIZING	Pediatric: 23.5" W x 18" L (from neckline)
CUSTOMIZATIONS	Embroidery and Logo
ADD-ONS	Thyroid Collar, Anti-slip Fabric
COLORS	See fabric colors on pages 73-79
CE	Yes

The Dental apron provides optimal protection during dental procedures and x-rays. Available in both lead and lead-free options, the dental apron comes with large hanging straps for easy storage. Optional upgrades like thyroid collar and anti-slip interior are also available.



**PEDIATRIC THYROID COLLAR****MODEL** AP-TCO-PD**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Velcro**SIZING** Infant: Custom (Ages 0-1)

Pediatric: 10" (Ages 2-8)

**CUSTOMIZATIONS** Embroidery and Logo**ATTACHMENTS** Loose, Clip, Keyring, Tethered**COLORS** See fabric colors on pages 73-79**CE** Yes

Our Pediatric Thyroid collar is based on the original style and is designed to protect children ages 2 to 8 from harmful x-ray. For ages 9 and up, simply opt for a small thyroid collar (12" neck circumference).

**PEDIATRIC GONAD SHIELD SET****MODEL** AP-GONADSET2**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Velcro (standard) or Buckle**SIZING** 1 Pediatric: 3.75" x 3.75"

1 Child: 5" x 4"

1 Small: 5.75" x 4.5"

**CUSTOMIZATIONS** Embroidery and Logo**COLORS** See fabric colors on pages 73-79**CE** Yes

This unique pediatric gonad/ovarian shield belt system comes complete with three interchangeable sizes which provide coverage from x-ray for a variety of needs. The adjustable Velcro or optional buckle (shown) also allows the user to fit almost any waist size. The gonad/ovarian belt system comes as a set of 3 sizes, or can be purchased individually.



**PEDIATRIC SCOLIOSIS STOLE****MODEL** AP-STOLE-CH**CORE MATERIALS** All Core Types (see pages 14-15)**THICKNESS** 0.50 (standard), 0.35, 0.25mm LE**CLOSURE** Buckle**SIZING** Pediatric: 15" x 4.75"**CUSTOMIZATIONS** Embroidery and Logo**COLORS** See fabric colors on pages 73-79**CE** Yes

The scoliosis stole 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.

**TUGGA BABY****MODEL** RE-BABY**FRAME TYPE** Goggles**FRONT LENS** 0.75mm Pb Glass**WEIGHT** 42g**FRAME SIZE** 46-18**MATERIAL** N/A**SIDE SHIELDS** N/A**RX OPTIONS** N/A**MIN PRG PD** N/A**CE** Yes**COLORS** Shiny Pink, Shiny Blue, Shiny Green

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

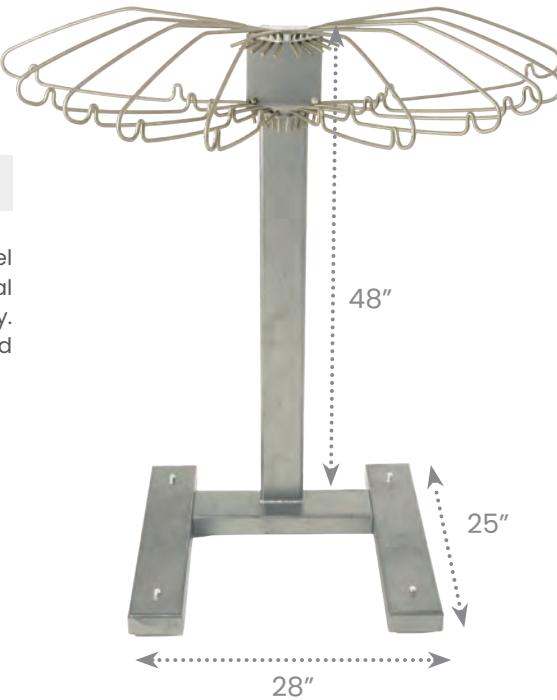


## MIGHTY MAX RACK

MODEL: [ AS-MAX-MOB ]

CAPACITY: 10 APRONS

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.



## PEG RACK

MODEL: [ AS-PEG ]

CAPACITY: 1-10 APRONS

The apron Peg rack is made of steel construction and easily screws into wall studs. It can store up to 10 aprons but comes in a variety of sizes that accommodate a range of lead aprons. This affordable wall storage for aprons is essential to prolong the life of your protective aprons.  
 \*Mounting hardware is not included.

Example configuration shown: PEG-8

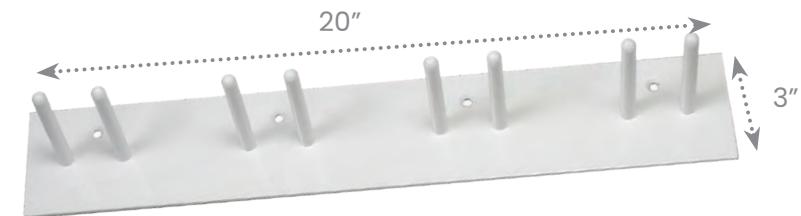
Model	# of Pegs	# of Aprons	Dimensions
PEG-2	2	1	5 x 3"
PEG-4	4	2	10 x 3"
PEG-6	6	3	15 x 3"
PEG-8	8	4	20 x 3"
PEG-10	10	5	25 x 3"
PEG-14	14	7	35 x 3"
PEG-18	18	9	45 x 3"
PEG-20	20	10	50 x 3"

## PORTA RACK

MODEL: [ AS-PORTRK ]

CAPACITY: 8 APRONS

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.

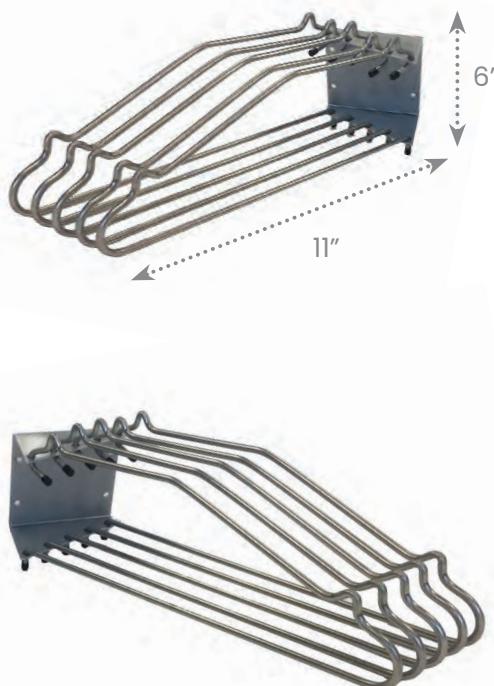


**WALL RACK**

MODEL: [ AS-WALL-L/R ]

CAPACITY: 5 APRONS PER CONSOLE

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.

**WIRE STORAGE LOCKER**

MODEL: [ AS-WLOCK3624 ]

CAPACITY: UP TO 15 APRONS

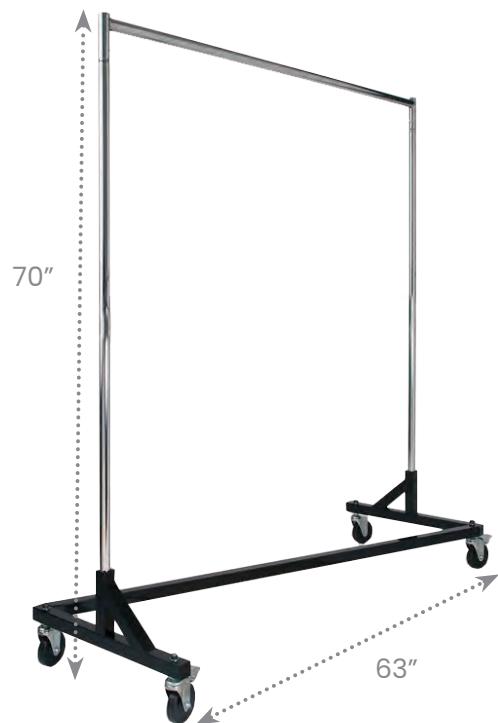
The Wire Storage Locker allows you to keep your garments and other valuables secure with the option of easy transport throughout your facility. The locker features lockable doors (opens a full 270°), 2 Wire Shelves, and a hanging rod (not shown) to easily hang your radiation apparel. The locker is coated with a true powder-epoxy over zinc-chromate electro-plating, ensuring a strong, durable finish with excellent handling of extreme temperatures and moisture. NEXGard®, an anti-microbial agent protects the epoxy coating from bacteria, mold, and mildew that causes odors and product degradation. Handles all environmental conditions. Some assembly required.

**Z-RACK**

MODEL: [ AS-VALET3 ]

CAPACITY: UP TO 20 APRONS

Our Z-Rack is made with heavy duty construction and can hold up to 500 pounds. Large, swivel casters (2 with locking mechanisms) and convenient, nesting design make the Z-rack an excellent portable storage option. The rack provides storage capacity for up to 20 aprons!



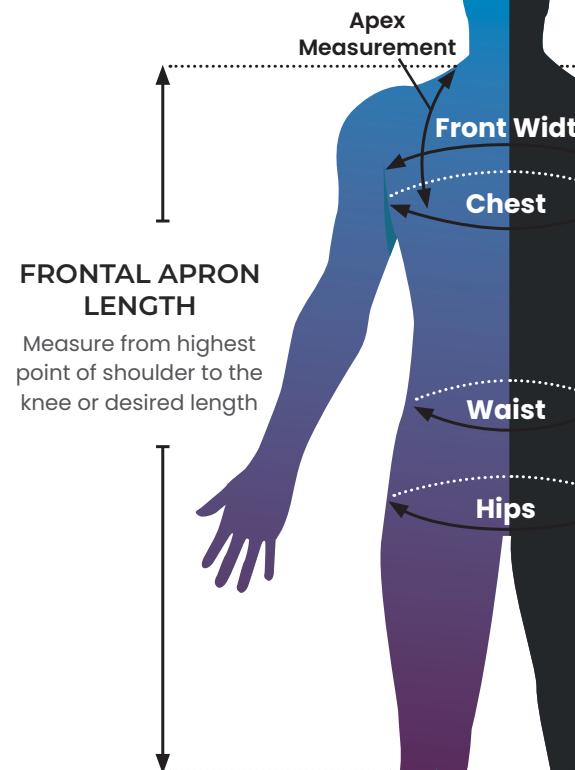
# APRON MEASUREMENTS

## THE PERFECT FITTING APRON

Having a well-fitted apron is critical for comfort, optimized protection and garment longevity. An apron that's too big will leave you with gaps in protection. An apron that's too small will leave you uncomfortable and restrict movements during procedures. With that in mind, be sure to take a good look at our measuring instructions and size charts to determine your optimal size!

While most people can fit into a standard size apron, some will need a custom fit due to their unique proportions. For those looking for a tailor-fitted apron, Protech pride's itself on making some of the best in the industry.

### ALL FRONTAL & WRAP APRONS



### FRONTAL APRON LENGTH

Measure from highest point of shoulder to the knee or desired length

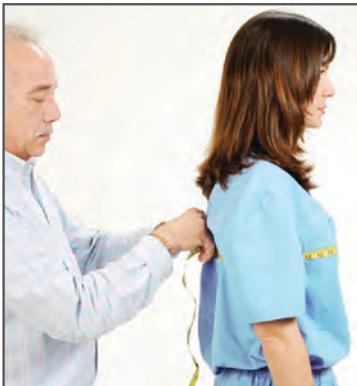
### TWO-PIECE VEST & SKIRT APRONS

#### VEST LENGTH

Highest point of shoulder by neck, to waist.

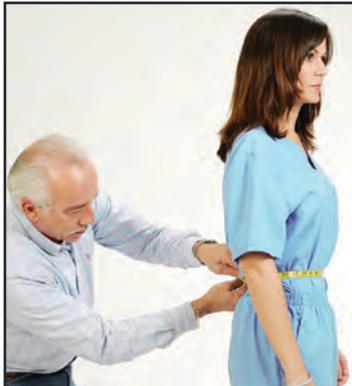
#### SKIRT LENGTH

Measure from waistline to the knee or desired length



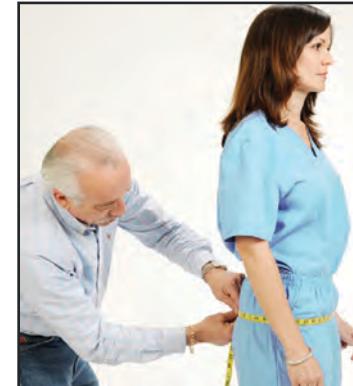
## CHEST MEASUREMENT

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.



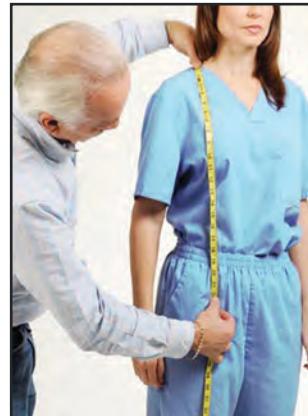
## HIP MEASUREMENT

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.



## APEX ADJUSTMENT

Measure from the top of the shoulder (towards the neck) over the bust to the nipple. The apex measurement determines whether adjustments need to be made to the shoulder area. This helps to avoid shoulder gapping or tight arm holes in your apron. For example, a male large height of 5'10" may be fitted into a 3X due to their measurements. This would likely result in excessive shoulder material. Therefore, an apex adjustment of -1" would be applied.

# WOMEN

## GENERAL APRON SIZING

	XS	Small	Med	Large	XL	2XL	3XL
<b>Height</b>	5'1"	5'2"	5'5"	5'8"	5'10"	5'11"	
<b>Chest</b>	36	38	40	43	46	49	52
<b>Waist</b>	25	27	29	32	35	40	44
<b>Hips</b>	35	37	39	42	46	48	52
<b>Frontal Length</b>	33	34	36	38.5	40.5	42.5	42.5
<b>Frontal Width</b>	18	19	20	21	23	24	26
<b>Vest Length</b>	19	22	22	22	22	23	23
<b>Skirt Length</b>	20	20	22	22.5	22.5	22.5	24
<b>WABR Length</b>	33	34	37	40.5	42.5	42.5	44.5

## TRI-TAB APRON SIZING

	Small	Med	Large	XL	2XL
<b>Chest</b>	38	40	43	46	49
<b>Vest Length</b>	22"	22"	22.5"	23"	26"

### General Instructions

Standard sizes shown above apply as upper limits. If your measurements fall above a size's specified limit, we recommend you size up for additional allowance, aka "wiggle room." There is NO standard size allowance added so we recommend that you incorporate an additional 1-2" of "wiggle room" for the Chest measurement.

### Length Adjustments

Length adjustments vary depending on your height and the required length adjustment to ensure your apron reaches around your knee cap. Any additional inches (up to 6") incur extra fees.

# MEN

## GENERAL APRON SIZING

	XS	Small	Med	Large	XL	2XL	3XL
<b>Height</b>	5'2"	5'4"	5'8"	5'11"	6'2"+		
<b>Chest</b>	39	42	45	49	53	57	61
<b>Waist</b>	32	34	38	42	46	50	54
<b>Hips</b>	34	36	40	44	48	52	56
<b>Frontal Length</b>	34	34	37	40.5	42.5	42.5	45.5
<b>Frontal Width</b>	19	21	22	24	26	28	30
<b>Vest Length</b>	22	22	24	25	25	25	28
<b>Skirt Length</b>	20	20	20	21	21	22	22
<b>WABR Length</b>	36	36	38	40.5	42.5	42.5	45.5

## TRI-TAB APRON SIZING

	Small	Med	Large	XL	2XL
<b>Chest</b>	42	45	49	53	57
<b>Vest Length</b>	25"	27"	27.5"	28.5"	28.5"

### Custom Sizing Allowances aka "Wiggle Room"

- All Styles XS to XL, by default, will be made with a +1" allowance in the Chest + Skirt waist- aka "wiggle room."
- All Styles 2XL to 4XL, by default, will be made with a +2" allowance in the Chest + Skirt waist - aka "wiggle room."
- If you do not want "wiggle room", you must specify.

### Quality Assurance Size Tolerances

For all apron styles, our allowed size tolerances are -0 (no underage) up to +1".

# ADDITIONAL MEASUREMENTS

## THYROID COLLAR SIZING\*

	Small/Reg.	Med	Large	XL
<b>Original &amp; Standard Thyroid</b>	13-14"	15-16"	17"+	Custom
<b>Proguard Thyroid</b>	21"	22"	23"	24"
<b>SG Disposable Thyroid</b>	13-16"	-	17-20"	-
<b>Visor Thyroid</b>	25"	-	27"	-
<b>Bib &amp; Mammography Thyroid</b>	One size fits all			

\*Measurements of neck circumference

## HEAD CAP SIZING\*

	Small	Med	Large	XL
<b>Head Cap</b>	21"	22"	23"	24"
<b>Page Cap</b>	21"	22"	23"	24"
<b>Proguard Smart Cap</b>	21-22"		23-25"	
<b>SG Disposable Smart Cap</b>	21"	22"	23"	-

\*Measurements of head circumference

## KIDS APRON SIZING\*

	Small	Medium	Large
<b>Dimensions</b>	12 x 24"	14 x 26"	16 x 28"
<b>Ages</b>	Ages 1-3	Ages 4-6	Ages 7-10

\*Velcro Adjustable & Tie Aprons

## APRON SLEEVE SIZING

	Small	Med	Large	XL	2XL
<b>Length (Regular)</b>	11"	11"	11"	11"	11"
<b>Length (Short)</b>	8.5"	8.5"	8.5"	8.5"	8.5"
<b>Circumference (Female)</b>	15"	15"	16-17"	16-17"	17-18"
<b>Circumference (Male)</b>	15"	16-17"	18-19"	19-20"	19-20"

# APRON FABRIC COLORS

CHOOSE FROM HUNDREDS OF FABRIC COLORS!

Whatever your style, We have hundreds of fabric colors to chose from .

