



# MEASUREMENTS GUIDE

Learn how to take your measurements to order your radiation apron with the perfect fit.

# FLEXIBACK / VELCRO CLOSURE



The Flexiback Frontal with Velcro Closure Apron effectively reduces radiation exposure. Designed to cover the front of the body from the shoulders to the thighs, it offers excellent anterior torso protection. The flexible back design and straps prevent slipping during procedures. For enhanced comfort and security, the apron includes a Velcro closure at the shoulders and on both sides of the waist. This ensures a snug fit by adhering to the front of the body. Additionally, the apron has a patch pocket on the front and shoulder pads to maximize wearer comfort.

The Flexiback Frontal with Velcro Closure is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 3XL, and complies with the ASTM F3094-14 testing standard.

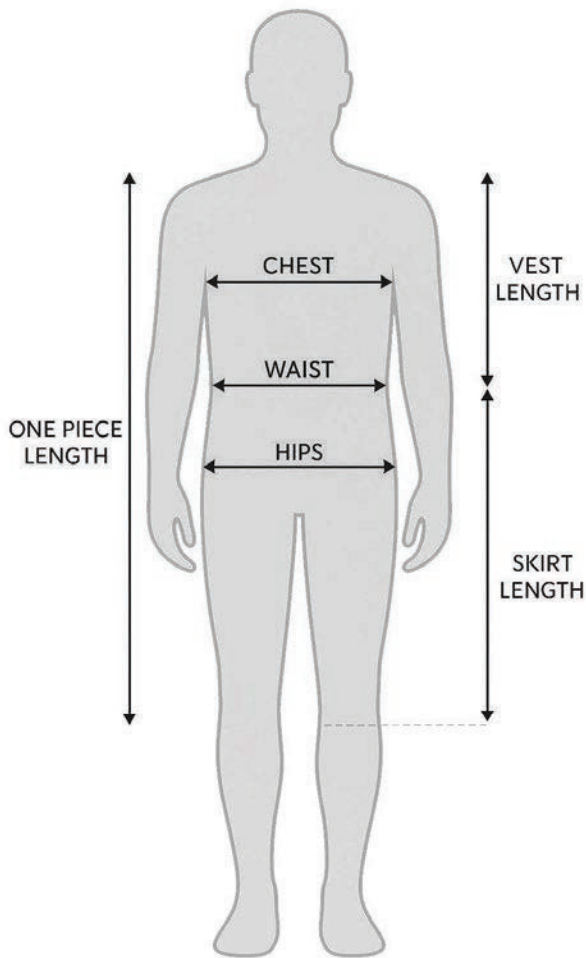
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - FLEXIBACK FRONTAL



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

# SIZING CHART

## UNISEX

Size Name	Chest Size	Length
XS	32" - 34"	30"
Small	34" - 36"	32"
Medium	36" - 38"	34"
Large	38" - 40"	36"
XL	40" - 43"	38"
2XL	43" - 46"	40"
3XL	46" - 50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# FLEXIBACK / BUCKLE CLOSURE



The Flexiback Frontal with Buckle Closure Apron effectively reduces radiation exposure. Designed to cover the front of the body from the shoulders to the thighs, the Flexiback Frontal offers excellent anterior torso protection. This lead apron features a flexible back design with straps to prevent slipping during procedures. Plus, it includes a back strap shoulder Velcro closure and a buckle closure around the waist, ensuring a snug fit. The Flexiback Frontal lead apron also has a patch pocket on the front and shoulder pads for maximum comfort.

The Flexiback Frontal with Buckle Closure is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 3XL, and complies with the ASTM F3094-14 testing standard.

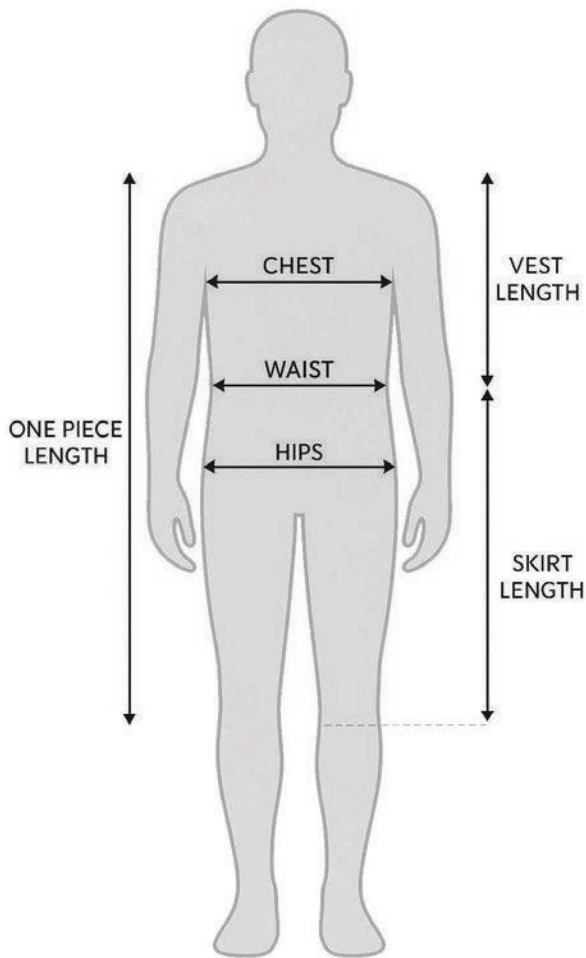
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - FLEXIBACK FRONTAL



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

## SIZING CHART

### UNISEX

Size Name	Chest Size	Length
XS	32" - 34"	30"
Small	34" - 36"	32"
Medium	36" - 38"	34"
Large	38" - 40"	36"
XL	40" - 43"	38"
2XL	43" - 46"	40"
3XL	46" - 50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# FLEXIBACK / BACK SUPPORT



Say goodbye to procedural fatigue with the Phillips Safety Flexiback Frontal Apron with Back Support. Engineered for those who demand both high-level protection and ergonomic relief, the Flexiback system features an integrated back support belt designed to keep you comfortable from your first patient to your last.

## Why Professionals Choose the Flexiback:

**Dynamic Lumbar Support:** The integrated back support belt is constructed with a bonded, elasticized panel that maintains its tension over time. It provides firm, consistent pressure to the lower back, encouraging better posture.

**Gravity-Defying Weight Transfer:** By engaging the specialized wide elastic belt, the apron's weight is shifted off your shoulders and redistributed to your hips. This significantly reduces the strain on your neck and upper spine.

**No-Slip Design:** A built-in Velcro backstrap secures the apron across the shoulder blades, ensuring it stays perfectly in place without sliding or requiring constant adjustment.

## Premium Comfort Details:

**High-Density Foam Padding:** Softens the load on your shoulders for extended wear.

**Integrated Front Pocket:** Keeps your markers or essentials within easy reach.

**Durable Elastic:** The belt system is "stretch-resistant," meaning it won't lose its shape or support throughout the life of the apron.

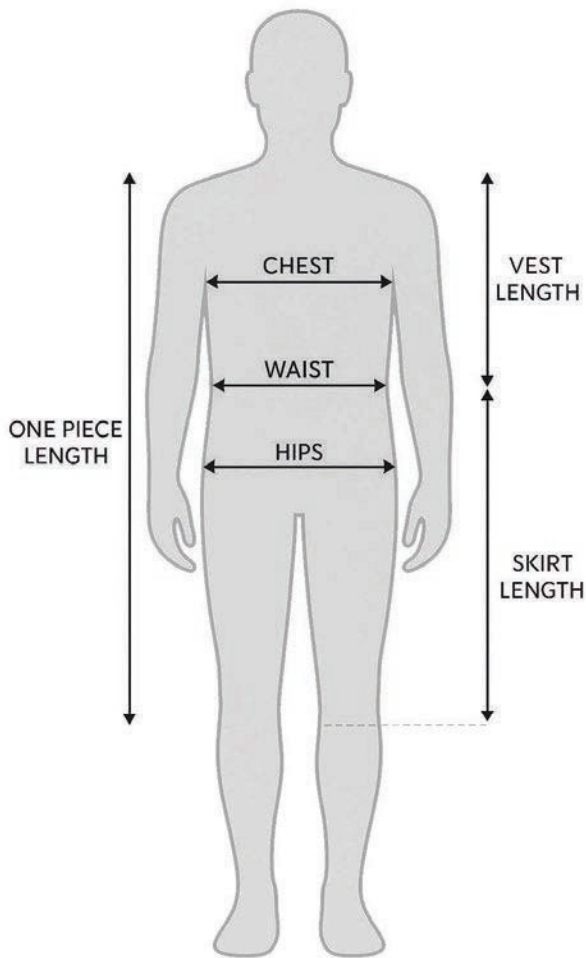
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35 mmPb	0.35 mmP
0.50 mmPb	0.50 mmP

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - FLEXIBACK FRONTAL



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

# SIZING CHART

## UNISEX

Size Name	Chest Size	Length
XS	32" - 34"	30"
Small	34" - 36"	32"
Medium	36" - 38"	34"
Large	38" - 40"	36"
XL	40" - 43"	38"
2XL	43" - 46"	40"
3XL	46" - 50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# TIE FRONT



The Tie Front Apron effectively reduces radiation exposure. Designed to cover the front part of the body, from the shoulders to the thighs, the Tie Front offers excellent anterior torso protection. This lead apron features a tie style strap closure, with tie straps attached to each side of the scapula. These tie straps are crisscross and are designed to fasten the apron to the body while maximizing adjustability, by crossing them around the back and tying them together at the front waist. Plus, this lightweight lead apron features a patch pocket on the front and shoulder pads to ensure maximum comfort.

The Tie Front is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 3XL, and complies with the ASTM F3094-14 testing standard.

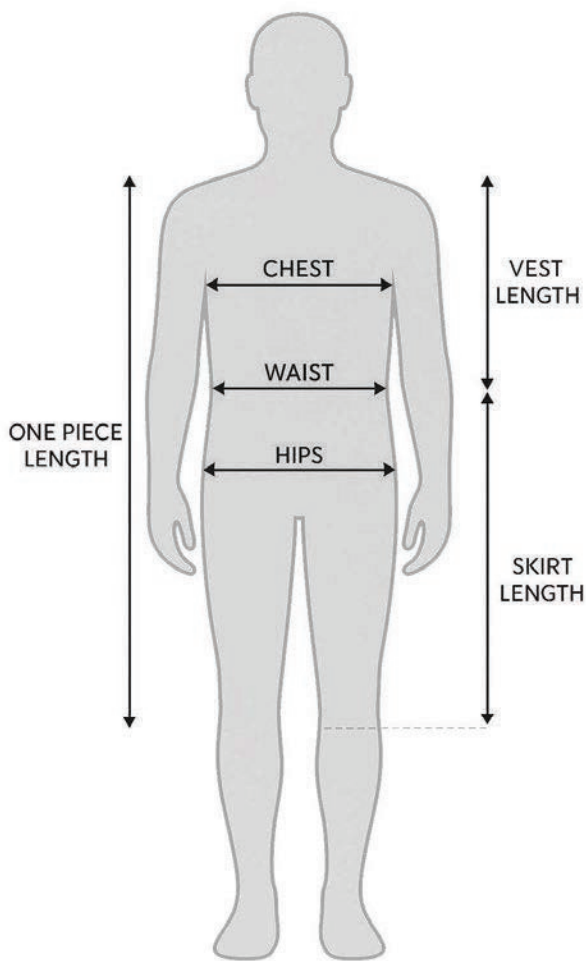
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - TIE FRONT



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

# SIZING CHART

## UNISEX

Size Name	Chest Size	Length
XS	32" - 34"	30"
Small	34" - 36"	32"
Medium	36" - 38"	34"
Large	38" - 40"	36"
XL	40" - 43"	38"
2XL	43" - 46"	40"
3XL	46" - 50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# JACKET ONE-PIECE



The Jacket One-Piece Apron effectively reduces radiation exposure while providing great comfort. It covers the front and back of the body from the shoulders to the thighs, offering excellent anterior and posterior torso protection. The apron features a Velcro closure on the inside, allowing for adjustability and security. Additionally, it has a patch pocket on the front, shoulder pads, and a supportive back relief belt. This belt wraps around the back and locks in the front with a buckle, transferring weight from the shoulders to the waist to offer back relief.

The Jacket One-Piece is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 3XL, and complies with the ASTM F3094-14 testing standard.

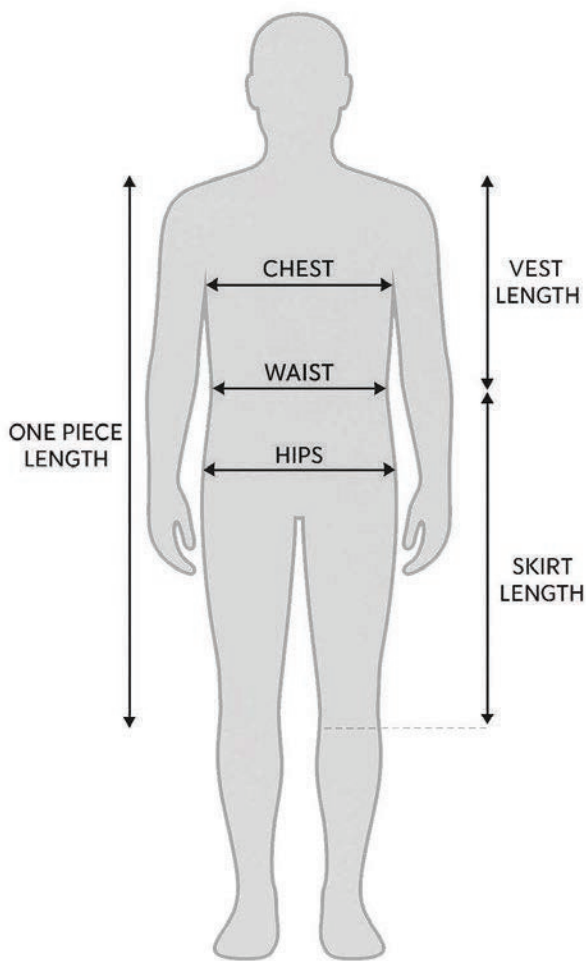
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35mm front/0.25mm back	0.35mm front/0.25mm back
0.50mm front/0.25mm back	0.50mm front/0.25mm back

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - JACKET ONE-PIECE



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

## SIZING CHART

### MALE

Size Name	Chest Size	Length
XS	34"-36"	32"
Small	36"-38"	34"
Medium	38"-40"	36"
Large	40"-43"	38"
XL	43"-46"	40"
2XL	46"-50"	42"
3XL	50"-54"	44"

### FEMALE

Size Name	Chest Size	Length
XS	32"-34"	30"
Small	34"-36"	32"
Medium	36"-38"	34"
Large	38"-40"	36"
XL	40"-43"	38"
2XL	43"-46"	40"
3XL	46"-50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# REVERSE FLEX JACKET ONE-PIECE



The Phillips Reverse Flex Jacket offers a streamlined, one-piece design that merges high-level radiation protection with ergonomic relief. By integrating a specialized reverse-flex mechanism, this apron effectively transfers weight from the shoulders to the core, reducing fatigue during long procedures.

## Key Features

**Weight Distribution:** The internal flex system shifts the apron's load to your hips, providing integrated lumbar support and shoulder relief.

**Streamlined One-Piece Design:** Unlike traditional multi-layered wraps, the one-piece construction eliminates bulky overlap, making it significantly lighter and more breathable.

**Reverse-Flex Entry:** Designed for effortless wearability, the reverse closure system allows for a secure fit with a quick "easy-on, easy-off" application.

**Maximum Mobility:** The jacket style is tailored to move with your body, ensuring full-coverage protection without sacrificing your range of motion.

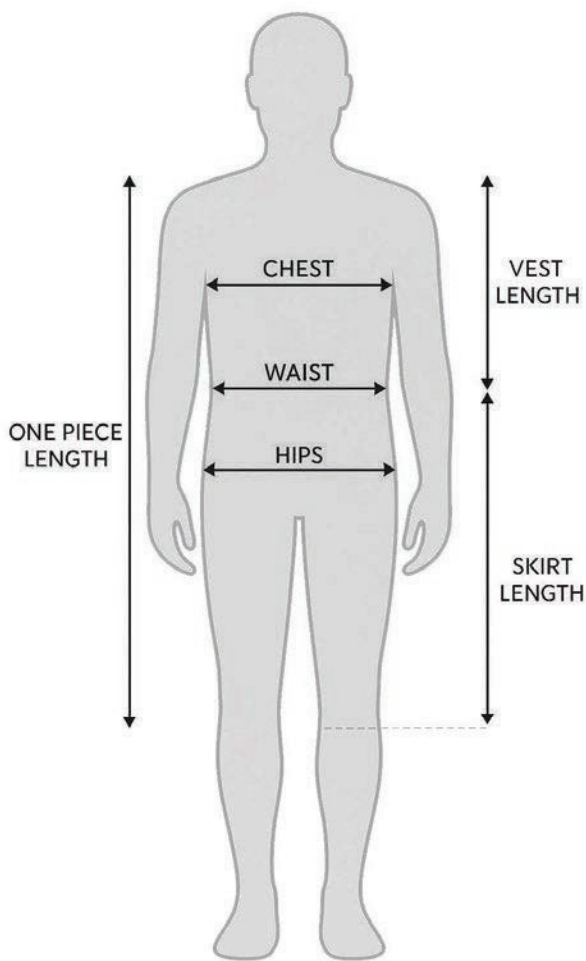
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35mm front/0.25mm back	0.35mm front/0.25mm back
0.50mm front/0.25mm back	0.50mm front/0.25mm back

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - JACKET ONE-PIECE



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

## SIZING CHART

### MALE

Size Name	Chest Size	Length
XS	34"-36"	32"
Small	36"-38"	34"
Medium	38"-40"	36"
Large	40"-43"	38"
XL	43"-46"	40"
2XL	46"-50"	42"
3XL	50"-54"	44"

### FEMALE

Size Name	Chest Size	Length
XS	32"-34"	30"
Small	34"-36"	32"
Medium	36"-38"	34"
Large	38"-40"	36"
XL	40"-43"	38"
2XL	43"-46"	40"
3XL	46"-50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# SURGICAL DROP



The Surgical Drop Frontal Apron is a highly effective and comfortable option for reducing radiation exposure. This apron covers the front of the body from shoulders to thighs, leaving the back open. It features a convenient patch pocket on the front and shoulder pads for added comfort. The cross-shaped back straps prevent slippage during procedures, while Velcro on both sides of the waist ensures a secure fit.

The Surgical Drop is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 3XL, and complies with the ASTM F3094-14 testing standard.

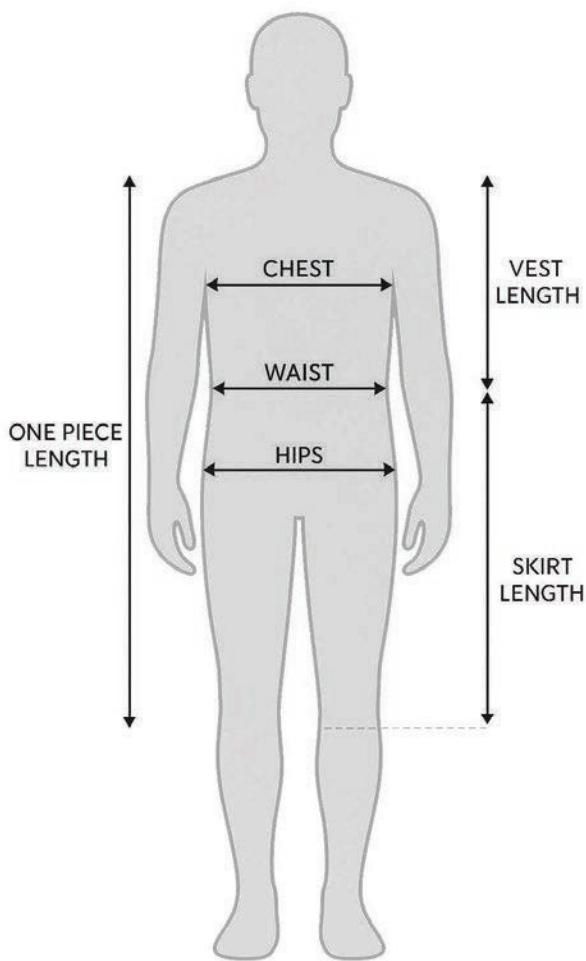
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - SURGICAL DROP



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

# SIZING CHART

## UNISEX

Size Name	Chest Size	Length
XS	32" - 34"	30"
Small	34" - 36"	32"
Medium	36" - 38"	34"
Large	38" - 40"	36"
XL	40" - 43"	38"
2XL	43" - 46"	40"
3XL	46" - 50"	42"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# VEST AND SKIRT



The Vest and Skirt Apron is a comfortable two-piece apron that reduces radiation exposure effectively. It consists of two separate pieces: a vest and a skirt. The vest covers the front and back of the body, from the shoulders to the waist. The skirt covers the front and back below the waist and above the knees. Together, they provide excellent anterior and posterior torso protection from the shoulders to the thighs. Both the vest and the skirt feature a Velcro closure on the inside, ensuring adjustability and security. The vest also has a patch pocket on the front and shoulder pads for maximum comfort.

The Vest and Skirt Lead Apron is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 2XL, and complies with the ASTM F3094-14 testing standard.

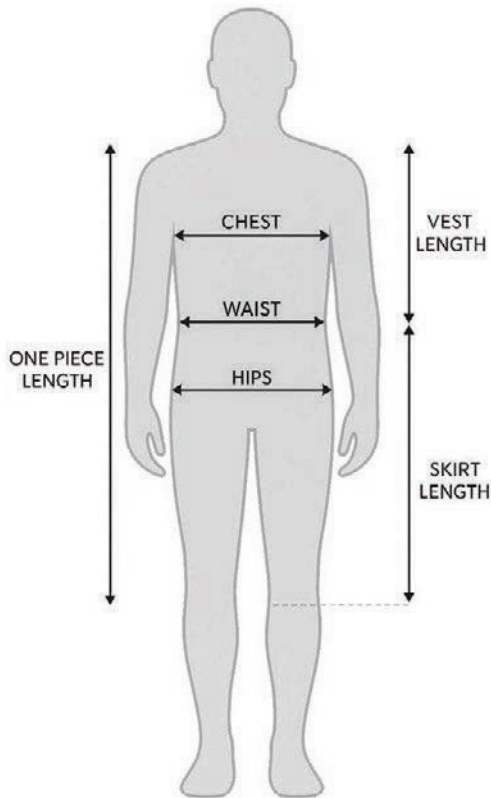
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35mm front/0.25mm back	0.35mm front/0.25mm back
0.50mm front/0.25mm back	0.50mm front/0.25mm back

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - VEST AND SKIRT



## GENERAL MEASUREMENTS

### 1. BUST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## TWO PIECE APRON

### 1. VEST

Measure the length from the highest point of your trapezius to 2" below your waist.

### 2. SKIRT

Measure the length from your waist to the top of your knee.

## SIZING CHARTS

### MALE VEST

Size Name	Chest Size	Length
XS	34"-36"	22"
Small	36"-38"	23"
Medium	38"-40"	24"
Large	40"-43"	25"
XL	43"-46"	26"
2XL	46"-50"	27"
3XL	50"-54"	28"

### FEMALE VEST

Size Name	Chest Size	Length
XS	32"-34"	20"
Small	34"-36"	21"
Medium	36"-38"	22"
Large	38"-40"	23"
XL	40"-43"	24"
2XL	43"-46"	25"
3XL	46"-50"	26"

### UNISEX SKIRT

Size Name	Waist Size	Hip Size	Length
XS	26" - 27"	32" - 33"	19"
Small	28" - 29"	34" - 35"	19"
Medium	30" - 32"	36" - 37"	20"
Large	33" - 35"	40" - 41"	21"
XL	36" - 38"	44" - 45"	22"
2XL	39" - 41"	46" - 47"	22"
3XL	42" - 45"	48" - 49"	22"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# REVERSE VEST AND SKIRT



The Reverse Vest and Skirt Apron is a comfortable two-piece apron used to effectively reduce radiation exposure. This is a popular style for vest and skirt combinations in Cath Labs, OR and Interventional departments. The Reverse Vest and Skirt Full Overlap lead apron comes with two separate pieces: as the name suggests, one is a vest, which covers the front and back of the body, from the shoulders to the waist, and the other is a skirt, covering the front and back below the waist and above the knees. Together, they provide great anterior and posterior torso protection, from the shoulders to the thighs. Velcro closures are located on the left shoulder and around the hips.

Made for both men and women, the Reverse Vest and Skirt Full Overlap Lead Apron is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000. It is possible to request them with either 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. Both core materials pass the universally recognized testing procedure: ASTM F3094-14.

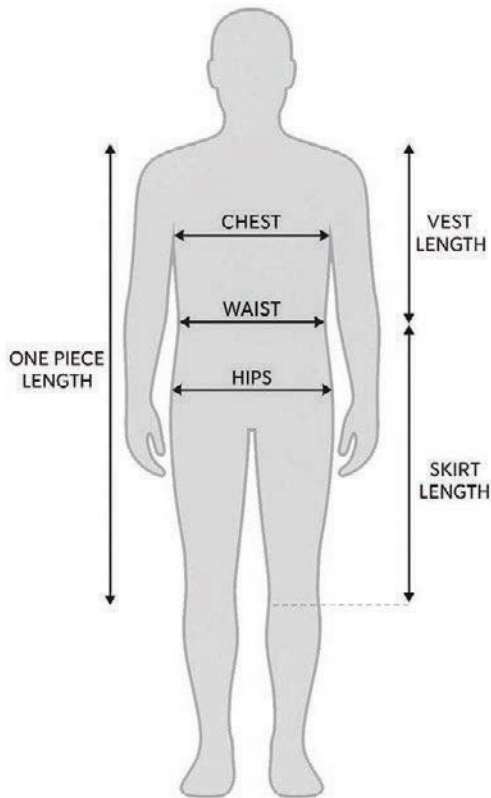
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.35mm front/0.25mm back	0.35mm front/0.25mm back
0.50mm front/0.25mm back	0.50mm front/0.25mm back

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - VEST AND SKIRT



## GENERAL MEASUREMENTS

### 1. BUST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## TWO PIECE APRON

### 1. VEST

Measure the length from the highest point of your trapezius to 2" below your waist.

### 2. SKIRT

Measure the length from your waist to the top of your knee.

## SIZING CHARTS

### MALE VEST

Size Name	Chest Size	Length
XS	34"-36"	22"
Small	36"-38"	23"
Medium	38"-40"	24"
Large	40"-43"	25"
XL	43"-46"	26"
2XL	46"-50"	27"
3XL	50"-54"	28"

### FEMALE VEST

Size Name	Chest Size	Length
XS	32"-34"	20"
Small	34"-36"	21"
Medium	36"-38"	22"
Large	38"-40"	23"
XL	40"-43"	24"
2XL	43"-46"	25"
3XL	46"-50"	26"

### UNISEX SKIRT

Size Name	Waist Size	Hip Size	Length
XS	26" - 27"	32" - 33"	19"
Small	28" - 29"	34" - 35"	19"
Medium	30" - 32"	36" - 37"	20"
Large	33" - 35"	40" - 41"	21"
XL	36" - 38"	44" - 45"	22"
2XL	39" - 41"	46" - 47"	22"
3XL	42" - 45"	48" - 49"	22"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# PREGNANCY MATERNITY PANEL



The Pregnancy Maternity Panel Apron is a highly effective, adjustable half lead apron designed to significantly reduce radiation exposure. This specialized pregnancy lead apron is a separate maternity panel that covers the belly, ensuring protection for critical areas. The Velcro band allows for easy adjustment around the waist, providing comfort and ample room for expansion during pregnancy.

Designed as a one size fits all, the Pregnancy Maternity Panel is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron complies with the ASTM F3094-14 testing standard.

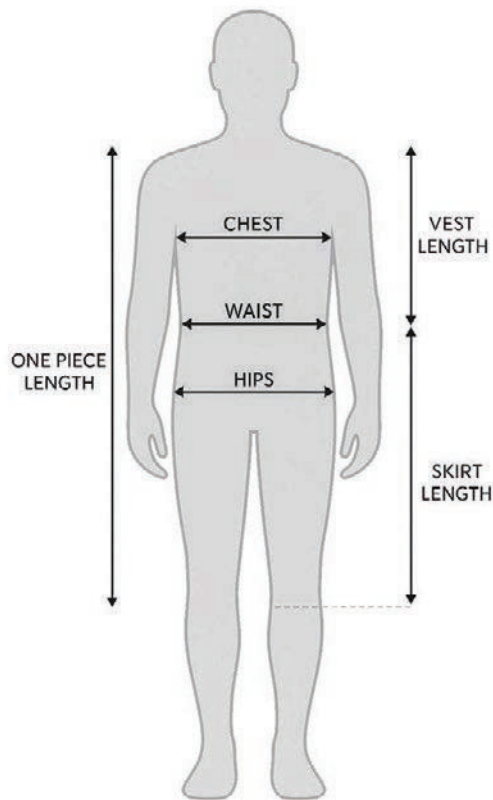
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - MATERNITY PANEL



## GENERAL MEASUREMENTS

### 1. WAIST

Measure the circumference around the narr

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

### 1. SKIRT

Measure the length from your waist to the top of your knee.

# SIZING CHART

## UNISEX SKIRT

Size Name	Waist Size	Hip Size	Length
XS	26" - 27"	32" - 33"	19"
Small	28" - 29"	34" - 35"	19"
Medium	30" - 32"	36" - 37"	20"
Large	33" - 35"	40" - 41"	21"
XL	36" - 38"	44" - 45"	22"
2XL	39" - 41"	46" - 47"	22"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# LAPGUARD



The LapGuard Apron is an excellent, flexible option for reducing radiation exposure. This apron covers the abdomen and pelvis. Its one-size-fits-all design ensures maximum adjustability and comfort. Plus, the apron is open at the back and features a buckle closure with straps. These straps wrap around and adjust at the waist, securing with a lock at the back.

The LapGuard is suitable for both men and women and is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in three sizes, ranging from small to large, and complies with the ASTM F3094-14 testing standard.

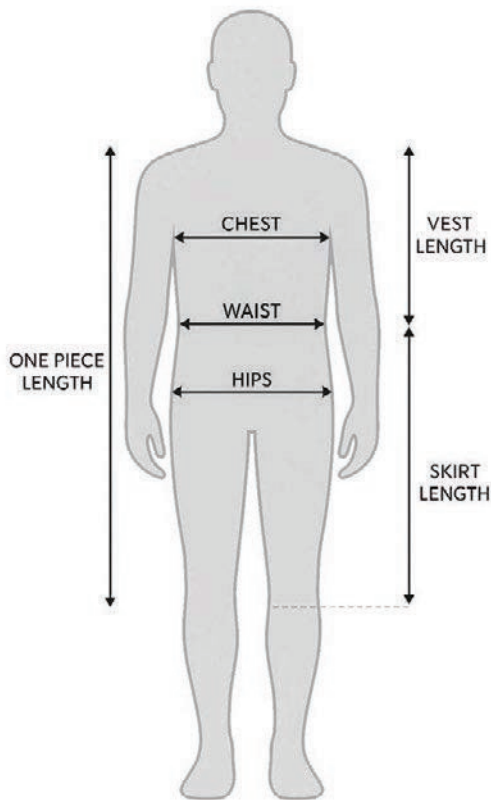
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - LAPGUARD



## GENERAL MEASUREMENTS

### 1. WAIST

Measure the circumference around the narr

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

### 1. SKIRT

Measure the length from your waist to the top of your knee.

# SIZING CHART

## UNISEX SKIRT

Size Name	Waist Size	Hip Size	Length
XS	26" - 27"	32" - 33"	19"
Small	28" - 29"	34" - 35"	19"
Medium	30" - 32"	36" - 37"	20"
Large	33" - 35"	40" - 41"	21"
XL	36" - 38"	44" - 45"	22"
2XL	39" - 41"	46" - 47"	22"

Please note: Sizes below XS and above 3XL can be accommodated with custom sizing.

# DENTAL



The Dental Apron is an excellent choice for comfortable and effective radiation protection. Designed to cover the front of the body from the neck to just below the waist, this lead apron provides superior anterior torso protection, including the shoulders and thyroid. It features a quick and easy Velcro closure around the neck, ensuring adjustability and secure fit. Additionally, the dental apron includes hanging loops by the collar, making it easy to store on an apron hanger or peg rack.

Suitable for both men and women, this lead apron dental is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.25mm, 0.35mm or 0.50mm Pb lead equivalency. You can choose between four outer materials: Nylon, Ripstop, Polytron, or PVC EasyClean, with color options in a variety of colors and bindings. This apron is offered in seven sizes, ranging from XS to 3XL, and complies with the ASTM F3094-14 testing standard.

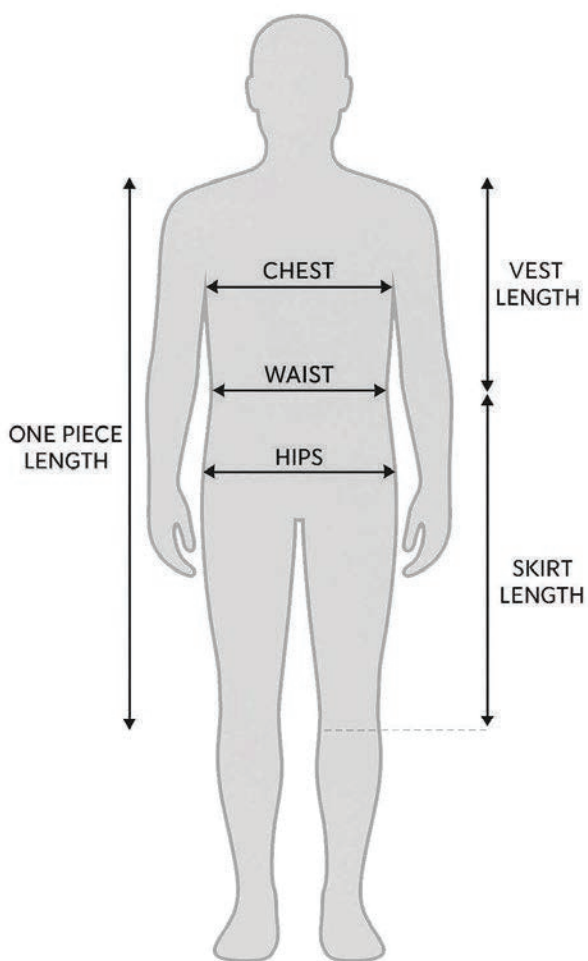
## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - DENTAL



## GENERAL MEASUREMENTS

### 1. CHEST

Measure the circumference under your arms around the widest part of your chest.

### 2. WAIST

Measure the circumference around the narrowest part of your waist.

### 3. HIPS

Measure the circumference around the widest part of your hips, keeping your feet close together.

## ONE PIECE APRON

Measure the length from the highest point of your trapezius to the top of your knee.

# SIZING CHART

## UNISEX

Size Name	Chest Size	Length
One Size - Adult	23"	33.5"

# ATTACHED APRON SLEEVE



Enhance your radiation protection with the Phillips Safety Radiation Apron Sleeve, designed to provide additional shielding for the upper arm area. This sleeve securely attaches to your apron using durable snap fasteners, ensuring a comfortable and stable fit during procedures.

For proper alignment and snap placement, the sleeve must be ordered at the same time as your apron. Each sleeve is custom made to match the specific apron style and color you select, ensuring a seamless, professional appearance.

Available in .25 mm, .35 mm, and .50 mm lead equivalencies, the apron sleeve offers the same high-quality protection as your apron, minimizing radiation exposure to the upper arms. Whether you choose lightweight lead, lead-free, or Axion Core™ materials, your sleeve will be manufactured to match your apron's core composition and finish.

## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# SIZING CHART - SLEEVE

## UNISEX

Size Name	Width	Length
Medium	9"	18"

Please note: Additional sizes can be accommodated with custom sizing.

# SHIN GUARDS



Protect your lower legs from harmful radiation exposure with Phillips Safety Radiation Protection Shin Guards, available in .25 mm, .35 mm, and .50 mm lead protection levels. Designed for professionals in medical, dental, and radiology environments, these shin guards provide dependable lower leg protection without foot coverage—ideal for users seeking mobility and lightweight comfort.

Each pair features VELCRO® closures for quick and secure adjustments, ensuring a comfortable, customized fit and reliable protection throughout procedures.

Note: This model does not include foot protection.

## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# SIZING CHART - SHIN GUARDS

## UNISEX

Size Name	Width	Height
Small	9"	13"
Medium	10"	14"
Large	12"	16"
X-Large	14"	18"

# SHIN GUARDS WITH FOOT COVER



Protect your lower legs with dependable radiation shielding designed for medical professionals who demand comfort, convenience, and full-coverage protection. The Phillips Safety Shin Guard with Foot Cover provides outstanding defense against scatter radiation, extending protection from the shin down over the top of the foot—an essential safeguard during fluoroscopy, interventional procedures, and OR environments.

Crafted with durable construction and premium core materials, these shin guards are available in Lightweight Lead, Axion Core 1000, Axion Core 2000, and Axion Core 3000, giving facilities the flexibility to choose the ideal balance of weight reduction and radiation protection. Each option delivers consistent performance, full compliance, and long-lasting durability.

The shin guard features hook-and-loop closures for quick, secure adjustments, ensuring a comfortable fit for all-day use. Made in your choice of Classic Nylon Colors, these guards are built for easy cleaning and routine clinical wear.

## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# SIZING CHART - SHIN GUARDS WITH FOOT COVER

## UNISEX

Size Name	Width	Length
Small	11"	12"
Medium	12"	13"
Large	14"	14"

Please note: Dimensions do not include the foot-cover section.

# GONADAL DIAPER



Protect your patients with the Phillips Safety Gonadal Diaper / Brachytherapy Shield, an essential garment designed to provide full front and rear radiation protection for the patient's genital region during fluoroscopy, angiography, or brachytherapy procedures. This easy-to-use and easy-to-clean diaper-style shield ensures maximum safety and patient comfort.

#### Key Features:

**Comprehensive Protection:** Provides a full 0.25mm, 0.35mm, or 0.50mm Pb equivalent of radiation protection, shielding sensitive areas from harmful scatter.

**Diaper-Style Design:** Simple and intuitive garment design makes it easy to put on, take off, and clean.

**Secure & Easy Attachment:** Each unit is supplied with one-inch wide straps for fast, easy, and secure attachment to the patient.

**Wide Range of Sizes:** Available in sizes ranging from small to x-large adult to accommodate all patient demographics.

**Multiple Protection Materials:** Available in all standard radiation protection materials to meet your facility's requirements.

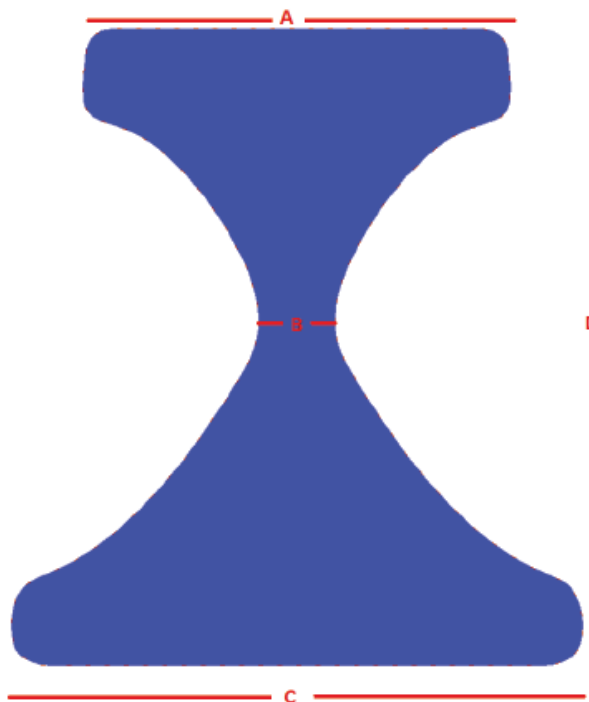
#### LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

#### AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# HOW TO MEASURE - GONADAL DIAPER



## SIZING CHART

### UNISEX

Size Name	A	B	C	D
Small	18"	3.5"	23.5"	26"
Medium	18.25"	3.75"	24.5"	30.5"
Large	21"	3.75"	28"	31.5"
XL	23"	3.75"	28.25"	30.75"

# GONAD/OVARIAN SHIELD



The Custom Gonad/Ovarian Shields offers a unisex design with easy-to-use buckles and adjustable straps for a secure and comfortable fit. Providing essential protection for the gonadal and ovarian regions during imaging or radiation, these shields are suitable for patients of all genders.

The Gonad/Ovarian Shields are available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000, each providing a 0.25mm, 0.35mm, or 0.50mm Pb lead equivalency. Available in many colors to choose, they are offered in three different sizes.

## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# SIZING CHART - GONAD/OVARIAN

## UNISEX

Size Name	Long	Wide
Small	5"	3.5"
Medium	7"	6"
Large	9"	7.25"

# PEDIATRIC GONAD/OVARIAN SHIELD



The Pediatric Gonad/Ovarian Shields provide essential, reliable protection for the most radiosensitive reproductive organs of young patients during medical imaging and radiation procedures. Available in three sizes (Pediatric, Child, and Small), this shield ensures proper coverage for infants, toddlers, and young children.

The shields feature a unisex design with adjustable straps and easy-to-use buckles, allowing for a secure and comfortable fit for patients of all genders. They offer targeted protection for the gonadal and ovarian regions while remaining easy for technologists to position and use.

The Pediatric Gonad/Ovarian Shields are available in Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000 core materials, with 0.25mm, 0.35mm, or 0.50mm Pb lead equivalency options. Offered in a variety of colors, these shields combine dependable radiation protection with comfort, durability, and customization for pediatric care.

## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# SIZING CHART - PEDIATRIC GONAD/OVARIAN

## UNISEX

Size Name	Long	Wide
Pediatric	3.75"	3.75"
Child	5"	4"
Small	5.75"	4.5"

# RADIATION HAT WITH VELCRO



The Radiation Hat with Velcro Closure provides dependable protection against scattered radiation in medical and industrial environments. Designed for comfort during extended wear, it features an adjustable Velcro closure that ensures a secure, comfortable fit. The hat is available in four core protective materials—Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000—with lead equivalencies of 0.25mm Pb, 0.35mm Pb, or 0.50mm Pb to suit varying protection needs.

This Radiation Hat is offered in five standard sizes, ranging from Small to 2XL, with custom sizing available. It can be manufactured with your choice of four outer materials—Nylon, Ripstop, Polytron, or PVC EasyClean—and is available in a wide range of colors and binding options.

## LEAD PROTECTION AVAILABLE

AXION CORE™ 1000, 2000, 3000	LIGHTWEIGHT LEAD
0.25 mmPb	0.25 mmPb
0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb

## AVAILABLE MATERIALS

FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	LIMITED OPTIONS
POLYTRON	10 OPTIONS

# SIZING CHART - RADIATION HAT WITH VELCRO

## UNISEX

Size Name	Circumference
XS	21"
Small	22"
Medium	23"
XS	24"
Small	25"

Please note: Additional sizes can be accommodated with custom sizing.

**NEED HELP? CONTACT US!**

**800-757-2703 | [SERVICE@ATTENUTECH.COM](mailto:SERVICE@ATTENUTECH.COM)**

