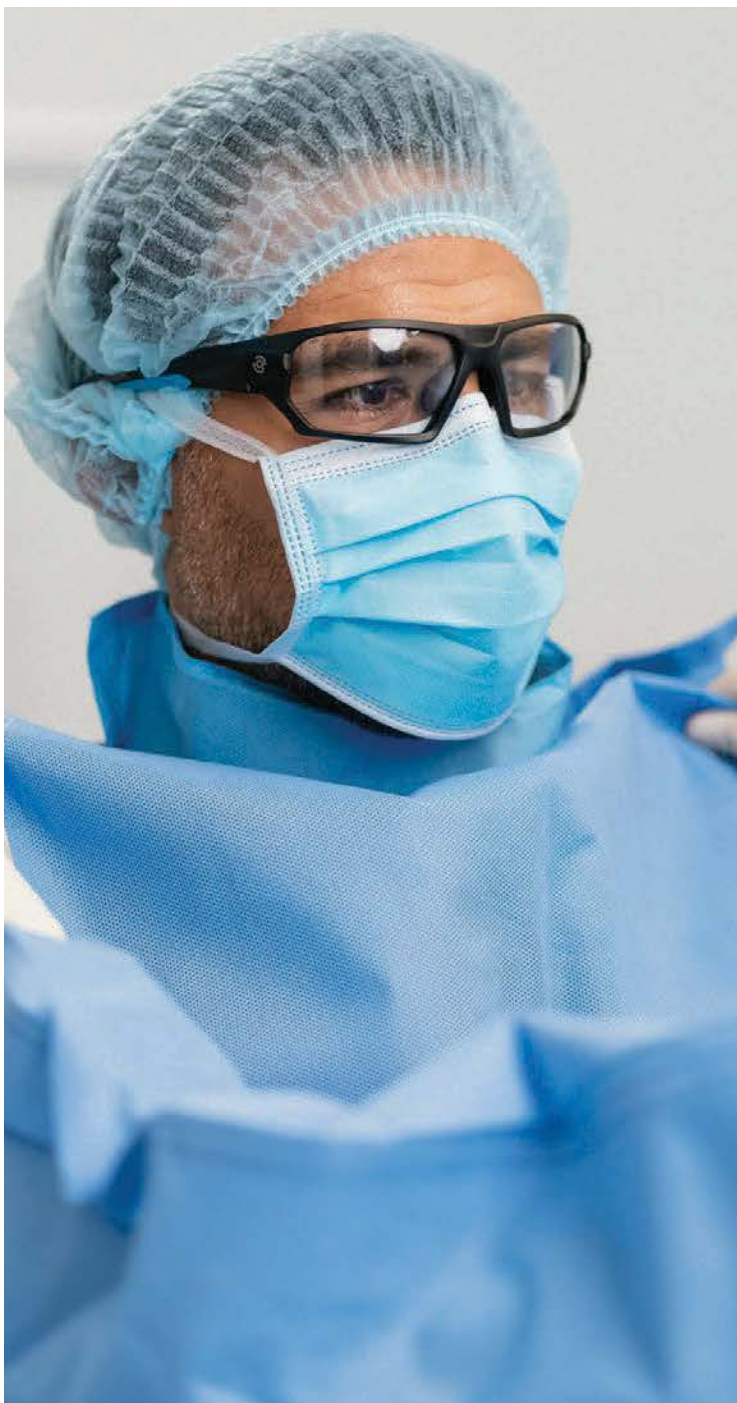


**BACK SUPPORT VEST
AND SKIRT APRON**
CUSTOM LEAD APRON

ABOUT US



Phillips Safety is the industry leader in occupational safety eyewear. In business for over 100 years, you are being served with the dedication and craftsmanship of a family owned company.

Phillips Safety has been producing occupational safety glasses since 1905 and continues to develop and produce the highest quality glasses and lenses today. A leading manufacturer of specialty safety eyewear in the United States, Phillips Safety adheres to strict ANSI Z87-2+ and EN 207 CE standard certifications, holding itself to a highest standard and prides itself on producing glasses with the finest quality materials available.

All safety glasses produced and sold by Phillips Safety meet strict industry standards for military, medical, research laboratories, and a variety of other industries.

With Phillips Safety's dedicated team, you can rest assured knowing that all your prescription safety needs are met.

LEAD APRONS

At Phillips Safety, our lead aprons are meticulously crafted in the USA with the wearer's comfort, protection, and style in mind, providing an ideal balance of weight and functionality.

Our aprons use top-quality barrier material that excels in both hygiene and comfort, making it the best choice on the market. This advanced barrier provides additional protection, as the inner and outer materials prevent pathogens, liquids, and solid particles from reaching the body.

While our Quick Ship aprons ship within 24 hours, custom aprons are available and typically ship in 2-5 business days. Custom aprons can be tailored to your exact measurements and preferences, providing an ideal fit and optimal protection.

QuickShip Aprons and Garments

Phillips Safety offers a line of Quickship aprons and garments. These products come in 0.5mm Pb Lead Equivalency in our Lightweight Lead and Lead Free Cores. Standard colors in both Nylon and Ripstop fabrics allow for a shipping time within 24 hours.

Axion Core™ Lead-Free Radiation Aprons and Garments

Phillips Safety introduces Axion Core™, our next-generation line of lead-free radiation aprons and garments.

By leveraging new advancements in manufacturing technology, Axion Core delivers the lightest weight core on the market today—without compromising shielding performance or safety. We have developed three distinct core options—Axion Core 1000, 2000, 3000, and Lightweight Lead — each engineered with a unique blend of bismuth, antimony, and rare earth elements.

These innovative lead-free solutions vary in weight to meet different user needs but never sacrifice protection, giving medical professionals the perfect balance of comfort, durability, and performance while ensuring the highest safety standards in radiation shielding.

Axion Core™ 1000

The most economical lead-free core in our lineup, Axion Core 1000 is also the heaviest of our non-lead options. Designed for facilities prioritizing cost-efficiency without sacrificing safety, it offers reliable protection at a value price point. At roughly 5% lighter than traditional lightweight lead cores on the market, it delivers measurable weight reduction while maintaining full compliance with radiation shielding standards.

Axion Core™ 2000

Our most popular core, Axion Core 2000 delivers a significant weight reduction compared to both traditional lead aprons and the Axion Core 1000. Offering the ideal balance of performance and value, this core is price-effective while providing the comfort needed for those who wear aprons for extended periods of time.

Axion Core™ 3000

The lightest core in our lineup, Axion Core 3000 represents a true engineering achievement. At 15-20% lighter than Axion Core 2000, this is one of, if not the lightest lead-free cores on the market today. This material allows us to deliver the lightest apron available in the Phillips Safety line, giving medical professionals the most comfort during long procedures. For those seeking the perfect combination of lightweight design and long-term durability, Axion Core 3000 is simply unmatched.

Lightweight Lead

Our Lightweight Lead Core is a specially formulated material engineered to reduce weight compared to standard, traditional lead cores—making it easier and more comfortable to wear without sacrificing dependable protection. While it's not as light as our Axion Core lead-free options, this formulation provides an excellent balance of affordability, performance, and reliability. A great price point and proven shielding performance make it a trusted choice for facilities seeking consistent protection with a lighter feel than conventional lead aprons.

BACK SUPPORT VEST AND SKIRT APRON

RA-VSA-BACK-LL35 | RA-VSA-BACK-LL50 | RA-VSA-BACK-ELF35 | RA-VSA-BACK-ELF50 |
RA-VSA-BACK-LF35 | RA-VSA-BACK-LF50 | RA-VSA-BACK-PLF35 | RA-VSA-BACK-PLF50



The Back Support Vest and Skirt Apron is a comfortable two-piece apron designed to reduce radiation exposure while minimizing fatigue during long procedures. It consists of a vest and a skirt that together provide anterior and posterior torso protection from the shoulders to the thighs.

An integrated, adjustable elastic relief belt transfers up to 70% of the apron's weight from the shoulders to the hips, providing active lumbar support for enhanced all-day comfort. For a secure, adjustable fit, both the vest and skirt feature front buckle closures that allow each piece to be fastened and adjusted independently.

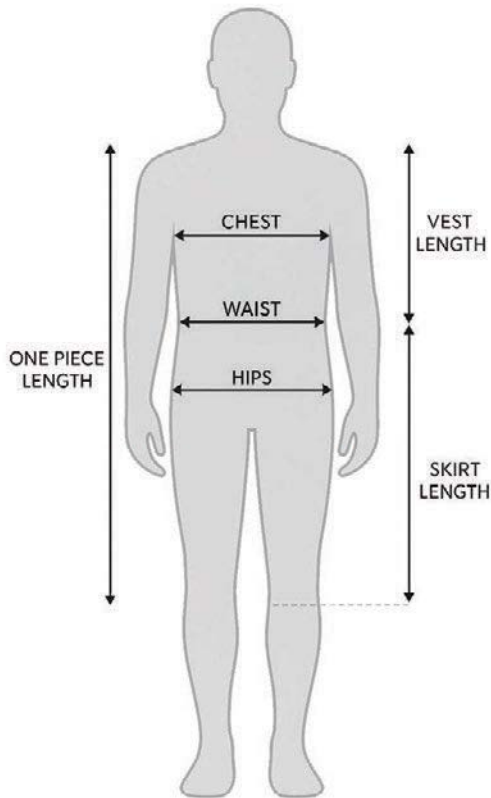
Designed with a 3/4 overlap front, the apron offers either 0.35 mm Pb or 0.50 mm Pb lead equivalency in the front while doubling protection in the overlap area without adding unnecessary weight. The permanent 0.25 mm Pb back panel provides reliable posterior protection with a lighter overall design. In addition, the skirt features a specialized anti-slip lining to help keep it securely in place throughout the day.

Suitable for both men and women, the Back Support Vest and Skirt Apron is available in four core materials: Lightweight Lead, Axion Core™ 1000, Axion Core™ 2000, and Axion Core™ 3000. Customers can also choose from four outer materials – Nylon, Ripstop, Polytron, or PVC EasyClean – along with a variety of colors and binding options. The apron is available 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
0.35 mm/Pb	0.35 mm/Pb
0.50 mm/Pb	0.50 mm/Pb

AVAILABLE MATERIALS	
FABRIC MATERIALS	COLORS/MATERIALS
Nylon	41 options
Ripstop	09 options
PVC EasyClean	09 options
Polytron	10 options

HOW TO MEASURE - VEST & 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.

A large, stylized letter 'P' in a dark teal color serves as a background for the page. The 'P' is composed of thick, rounded strokes. The top curve of the 'P' is at the top left, and the vertical stem extends down towards the bottom left. The circular part of the 'P' is on the right side, with its top curve at the top right and its bottom curve at the bottom right. The text 'FABRIC MATERIALS, COLORS & SWATCHES' is positioned to the right of the vertical stem, within the circular area of the 'P'.

FABRIC MATERIALS, COLORS & SWATCHES

NYLON

A classic lightweight fabric, Nylon is a synthetic material with high tenacity and excellent abrasion resistance. Nylon is also highly resilient, has good specific strength and provides high resistance to insects, fungi, molds, mildew, rot and many chemicals.

EXTREMELY RESISTANT

LIGHTWEIGHT

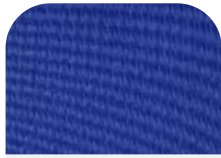
STRONG & DURABLE

MULTIPLE OPTIONS



NYLON

AVAILABLE COLORS & PATTERNS



ROYAL BLUE



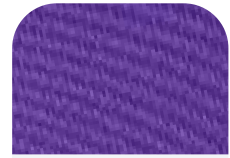
BLACK



HUNTER GREEN



RED



PURPLE



PINK



BURGUNDY



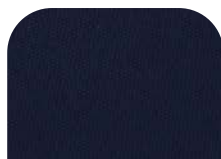
CHARCOAL



DARK BROWN

FLUORESCENT
ORANGE

GOLD



NAVY BLUE



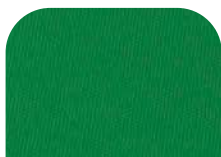
TURQUOISE



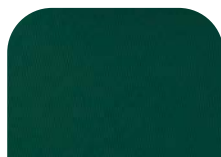
MEDIUM BLUE



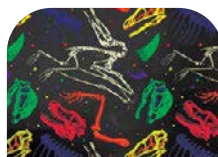
SILVER



KELLY GREEN



TEAL



COLOR FOSSILS



FISH BONES



SHARKS



FLAMINGO



ORANGE HIBISCUS



HAWAIIAN FLOWERS



TROPICAL AVOCADO



PURPLE PLAID

BINDING AVAILABLE

ROYAL
BLUE

BLACK

HUNTER
GREEN

RED



PURPLE



PINK



BURGUNDY



CHARCOAL

DARK
BROWNFLUORESCENT
ORANGE

GOLD

NAVY
BLUE

TURQUOISE

MEDIUM
BLUE

SILVER

KELLY
GREEN

TEAL

NYLON

AVAILABLE COLORS & PATTERNS



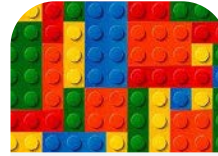
HEART GRAFFITI



PINK PAISLEY



CACTUS



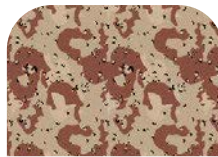
DOT BLOCKS

DIGI CAMO
WOODLAND GREEN

NAVY CAMO



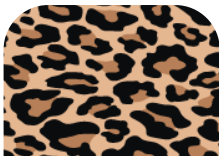
MD CAMO



DESERT CAMO



PINK CAMO

DIGI CAMO
GRAY/BLACK

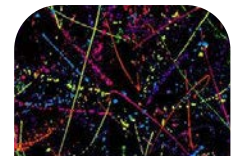
CHEETAH

ANIMAL PRINT
BLUE

LEOPARD PINK



WHITE DOTS ON PINK



PAINT SPLATTER



SUGAR SKULLS

BINDING AVAILABLE

ROYAL
BLUE

BLACK

HUNTER
GREEN

RED



PURPLE



PINK



BURGUNDY



CHARCOAL

DARK
BROWNFLUORESCENT
ORANGE

GOLD

NAVY
BLUE

TURQUOISE

MEDIUM
BLUE

SILVER

KELLY
GREEN

TEAL

RIPSTOP

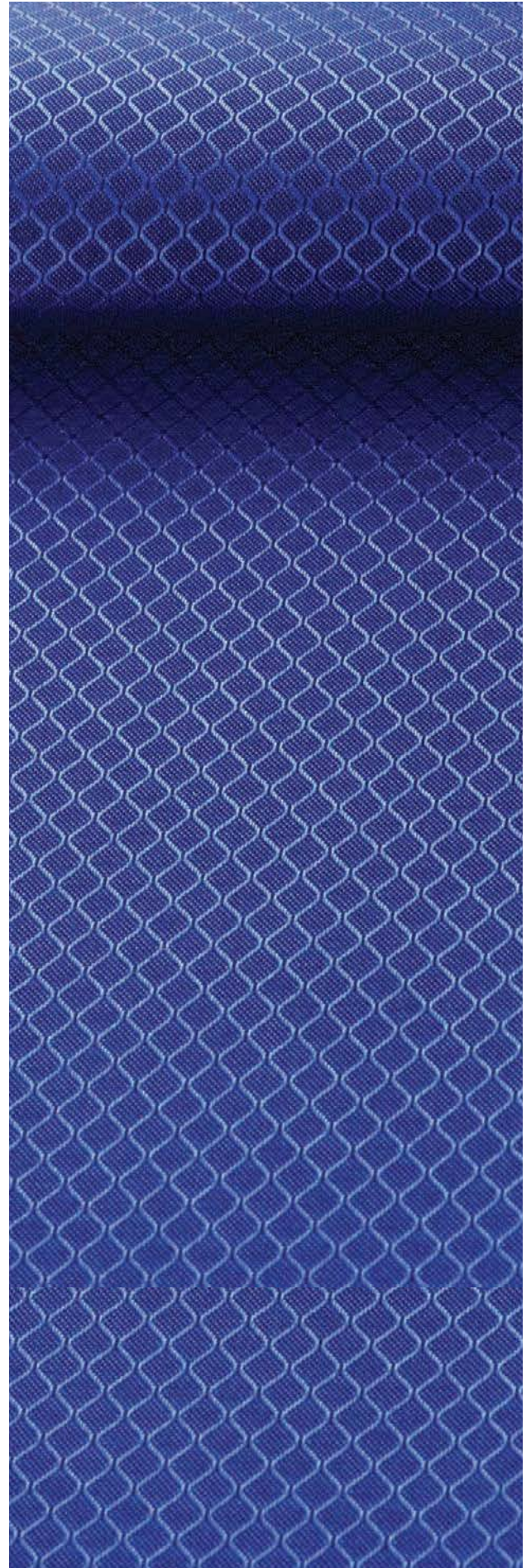
Ripstop is a woven fabric that uses a reinforcing technique which makes it more resistant to tearing and ripping. Often made of Nylon, Ripstop is a lightweight material with interwoven ripstop reinforcement threads in a crosshatch pattern, making it look like a diamond stitching.

EXTREMELY RESISTANT

LIGHTWEIGHT

STRONG & DURABLE

DIAMOND STITCHING



RIPSTOP

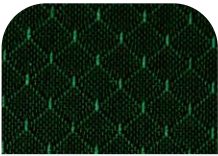
AVAILABLE COLORS & PATTERNS



ROYAL BLUE



BLACK



KELLY GREEN



HUNTER GREEN



RED



CINNAMON



TAN



LIGHT GRAY



PURPLE

BINDING AVAILABLE



ROYAL
BLUE



BLACK



HUNTER
GREEN



RED



PURPLE



PINK



BURGUNDY



CHARCOAL



DARK
BROWN



FLUORESCENT
ORANGE



GOLD



NAVY
BLUE



TURQUOISE



MEDIUM
BLUE



SILVER



KELLY
GREEN



TEAL

PVC EASYCLEAN

PVC EasyClean is a thick fabric that provides a leather-like touch. Made of an ultra resistant material, it is - as the name suggests - very easy to clean: with a quick wipe it is clean and ready to go.

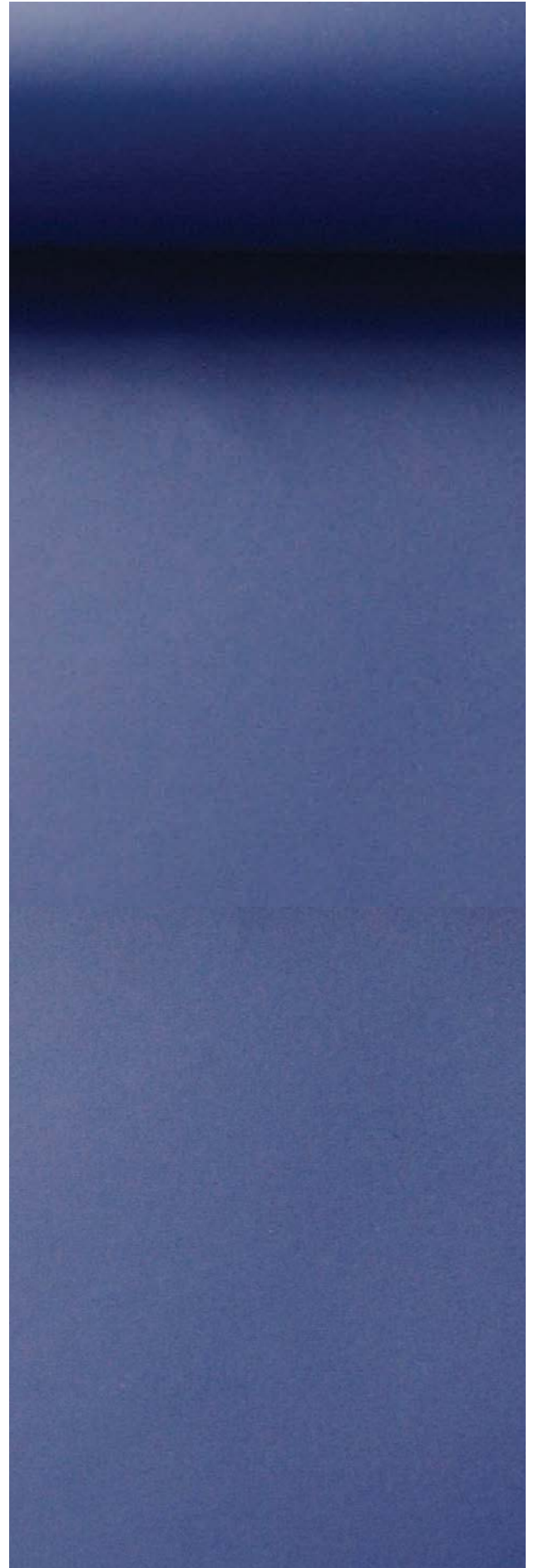
EASY CLEAN

LIGHTWEIGHT

STRONG & DURABLE

EXTREMELY RESISTANT

LEATHER TOUCH



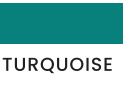
PVC EASYCLEAN

AVAILABLE COLORS & PATTERNS

*PVC fabric is being phased out; color availability is limited and subject to confirmation.



BINDING AVAILABLE



POLYTRON

Polytron is a smooth fabric with a soft touch. Manufactured in the U.S., it has flexible and comfortable qualities due to the Polypropylene it is made of. This lightweight material is also inherently stain resistant, PFC chemical free, and bleach cleanable.

FLEXIBLE & COMFORTABLE

LIGHTWEIGHT

STRONG & DURABLE

EXTREMELY RESISTANT

SOFT TOUCH

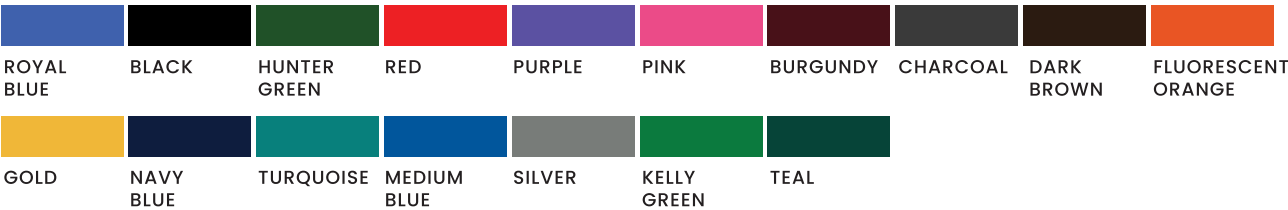


POLYTRON

AVAILABLE COLORS & PATTERNS



BINDING AVAILABLE





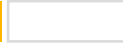
EMBROIDERY

If you want a personalized lead apron, at Phillips Safety it is possible to add embroidered logos or text over the patch pocket. You can customize the text as you want it, as long as it features a maximum of 25 characters. Even better, you can choose from two different fonts: the classic sans-serif typeface Arial, or the script typeface Parkside. In addition, the text can be embroidered in any of the 9 colors below.

FONT: ARIAL

FONT: PARKSIDE

COLORS AVAILABLE

									
ROYAL BLUE	BLACK	HUNTER GREEN	RED	PURPLE	PINK	BURGUNDY	CHARCOAL	BROWN	ORANGE
									
GOLD	NAVY	TAN	SKY BLUE	SILVER	KELLY GREEN	TEAL	YELLOW	WHITE	

AVAILABLE FOR LEAD APRONS AND THYROID SHIELDS

CONTACT

Should you need any further information,
please do not hesitate to contact us.

123 Lincoln Blvd, Middlesex, NJ 08846, USA 

+1 (866) 575 1307 

service@phillips-safety.com 

www.phillips-safety.com 