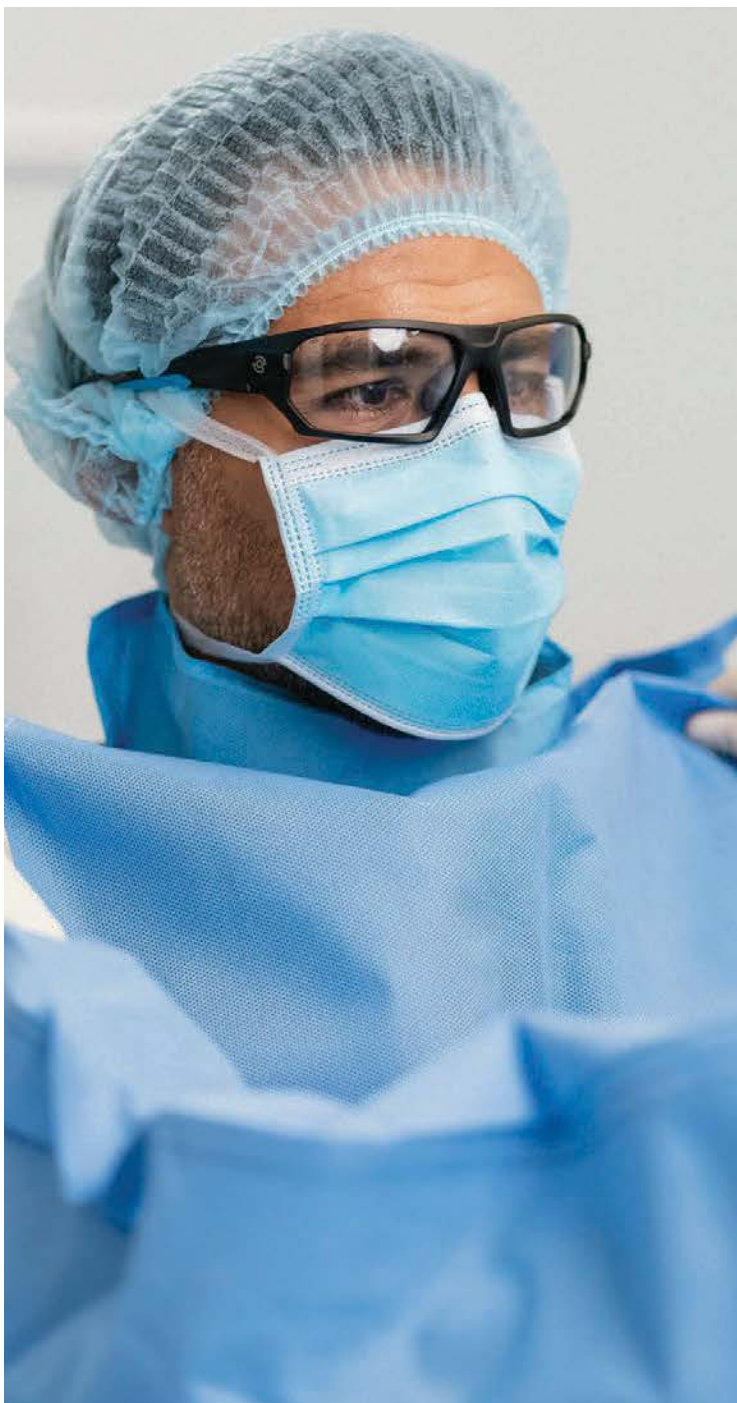


A large, stylized graphic of a thyroid shield, which is a common symbol for radiation protection. It consists of a central circle with a horizontal bar passing through it, and a large, curved, semi-circular shape on the right side that resembles a shield. The graphic is rendered in a dark teal color against a dark blue background.

CUSTOM THYROID SHIELDS

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.

THYROID SHIELDS

At Phillips Safety, our thyroid shields are meticulously crafted in the USA with the wearer's comfort, protection, and durability in mind, providing the ideal balance of lightweight design and reliable functionality.

Our shields use top-quality radiation barrier material that excels in both hygiene and comfort, making them the best choice on the market. This advanced barrier provides exceptional protection, as the inner and outer materials are designed to prevent pathogens, liquids, and solid particles from reaching the skin—ensuring the highest standards of cleanliness and safety.

AXION CORE™ Lead-Free Thyroid Shields

Phillips Safety introduces Axion Core™, our next-generation line of lead-free radiation protection materials, now available in thyroid shields.

By leveraging advancements in manufacturing technology, Axion Core delivers one of the lightest protective cores on the market—without compromising radiation attenuation performance or safety. We offer three distinct core options—Axion Core 1000, 2000, and Lightweight Lead—each engineered with a precise blend of bismuth, antimony, and rare earth elements.

These innovative lead-free solutions are designed to meet different user needs while maintaining full compliance with radiation shielding standards. Whether you prioritize lightweight comfort, cost-efficiency, or premium protection, Axion Core thyroid shields deliver the perfect balance of comfort, durability, and performance—ensuring complete confidence and safety for every medical professional.

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.

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.

CUSTOM THYROID SHIELDS



The Custom Thyroid Shield is a comfortable and effective collar designed to reduce radiation exposure. It can be paired with a matching lead apron for enhanced protection. Suitable for both patients and medical professionals, this easy-to-wear collar shields the neck from radiation and is available with buckle, velcro, or magnetic closures for quick application and a secure fit.

This thyroid shield features a non-lead bi-layer construction. It offers two protection options: 0.35mm Pb lead equivalency or 0.50mm Pb lead equivalency. The collar is available in three core materials: Lightweight Lead, Axion Core 1000™, and Axion Core 2000™, all offering either 0.35mm Pb or 0.50mm Pb lead equivalency.

In addition, Phillips Safety's Thyroid Shields are available in various colors, and also comes in four core materials: Nylon, Ripstop, Polytron, or PVC EasyClean. Furthermore, the core materials complies with ASTM F3094-14 testing standards, ensuring reliability and safety.

LEAD PROTECTION AVAILABLE		
Axion Core™ 1000	Axion Core™ 2000	LIGHTWEIGHT LEAD
0.35 mmPb	0.35 mmPb	0.35 mmPb
0.50 mmPb	0.50 mmPb	0.50 mmPb

MATERIAL AVAILABLE	
FABRIC MATERIALS	COLORS/PATTERNS
NYLON	41 OPTIONS
RIPSTOP	09 OPTIONS
PVC EASYCLEAN	14 OPTIONS
POLYTRON	10 OPTIONS

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

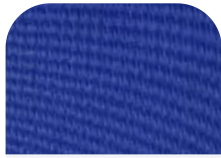
STRONG & DURABLE

MULTIPLE OPTIONS



NYLON

AVAILABLE COLORS & PATTERNS



ROYAL BLUE



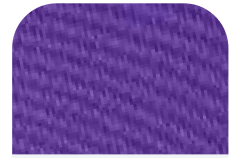
BLACK



HUNTER GREEN



RED



PURPLE



PINK



BURGUNDY



CHARCOAL



DARK BROWN

FLUORESCENT
ORANGE

GOLD



NAVY BLUE



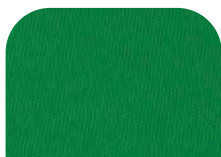
TURQUOISE



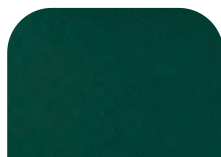
MEDIUM BLUE



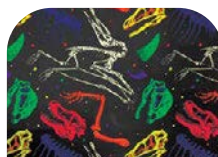
SILVER



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



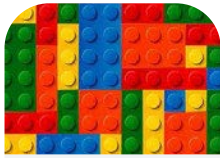
HEART GRAFFITI



PINK PAISLEY



CACTUS



DOT BLOCKS



DIGI CAMO
WOODLAND GREEN



NAVY CAMO



MD CAMO



DESERT CAMO



PINK CAMO



DIGI CAMO
GRAY/BLACK



CHEETAH



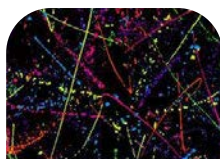
ANIMAL PRINT
BLUE



LEOPARD PINK



WHITE DOTS ON PINK



PAINT SPLATTER



SUGAR SKULLS

BINDING AVAILABLE



ROYAL
BLUE



BLACK



HUNTER
GREEN



RED



PURPLE



PINK



BURGUNDY



CHARCOAL



DARK
BROWN



FLUORESCENT
ORANGE



GOLD



NAVY
BLUE



TURQUOISE



MEDIUM
BLUE



SILVER



KELLY
GREEN



TEAL

RIPSTOP

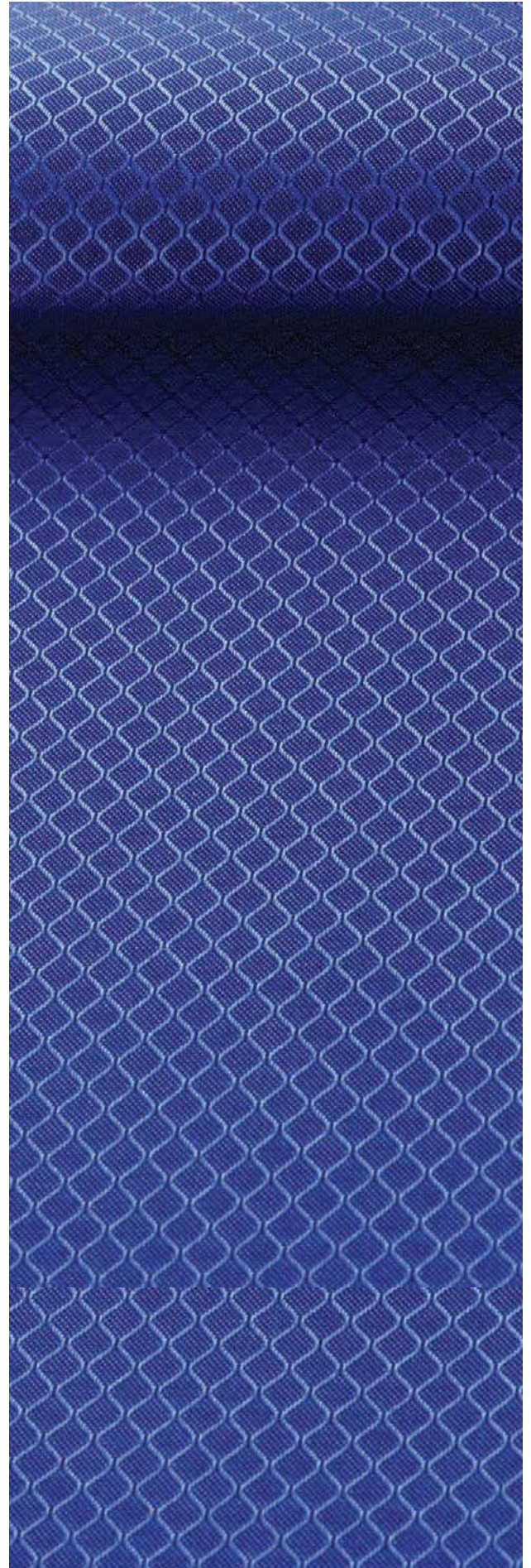
Ripstop is a woven fabric that uses a reinforcing technique which makes it more resistant to tearing and ripping. Often made of Nylon, Ripstop is a lightweight material with interwoven ripstop reinforcement threads in a crosshatch pattern, making it look like a diamond stitching.

EXTREMELY RESISTANT

LIGHTWEIGHT

STRONG & DURABLE

DIAMOND STITCHING



RIPSTOP

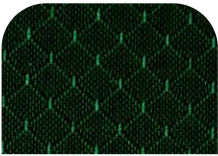
AVAILABLE COLORS & PATTERNS



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.

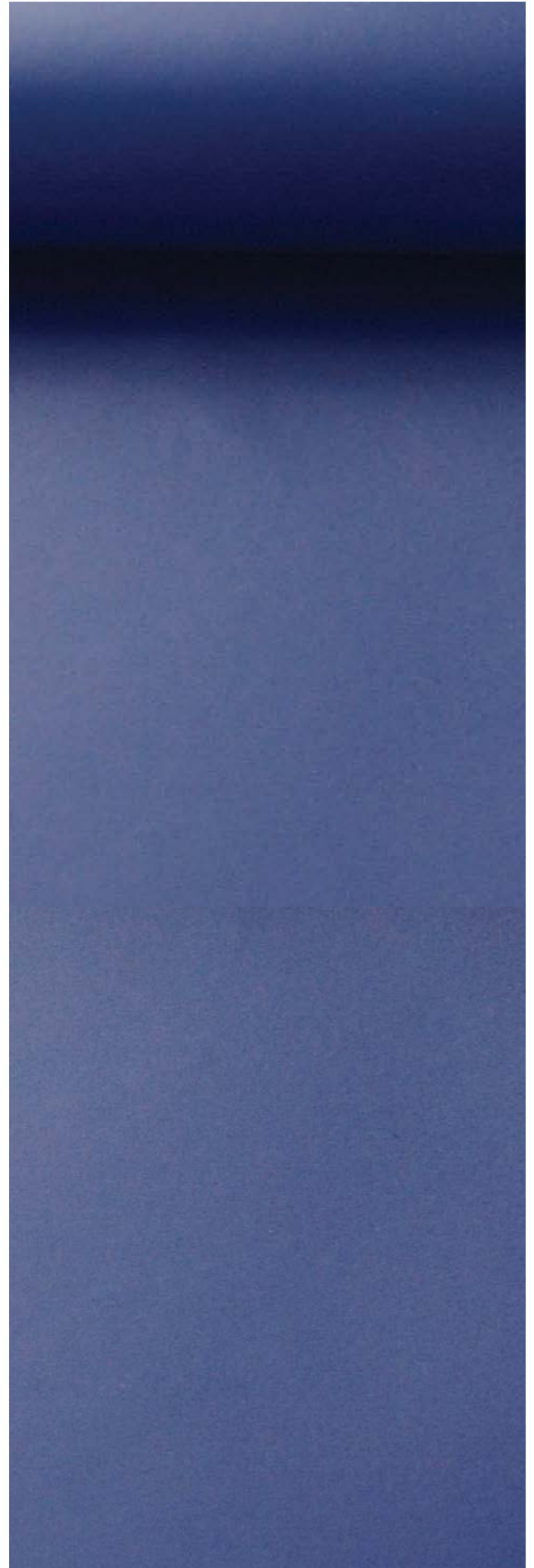
EASY CLEAN

LIGHTWEIGHT

STRONG & DURABLE

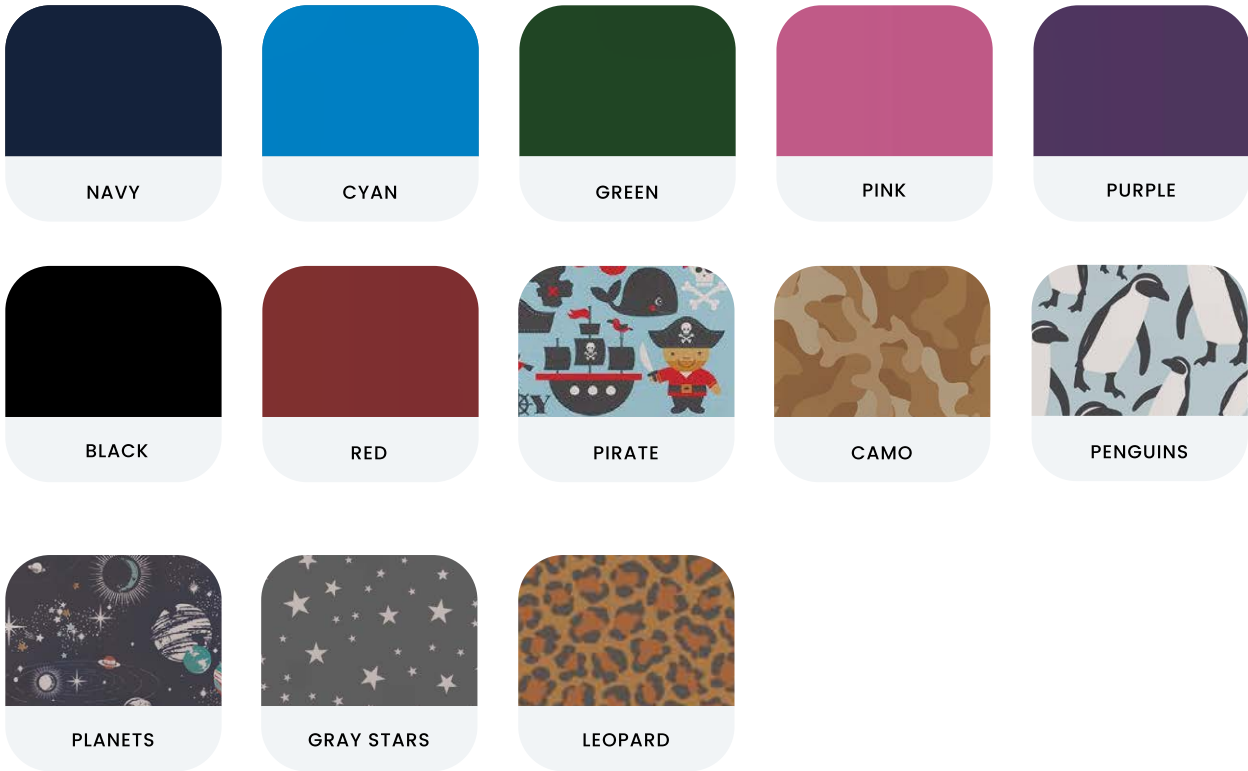
EXTREMELY RESISTANT

LEATHER TOUCH

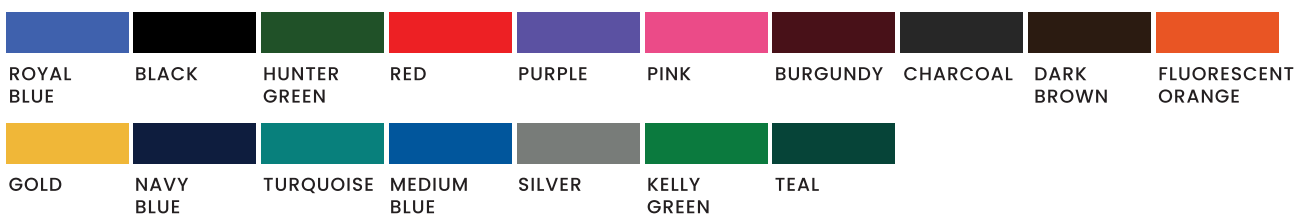


PVC EASYCLEAN

AVAILABLE COLORS & PATTERNS



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

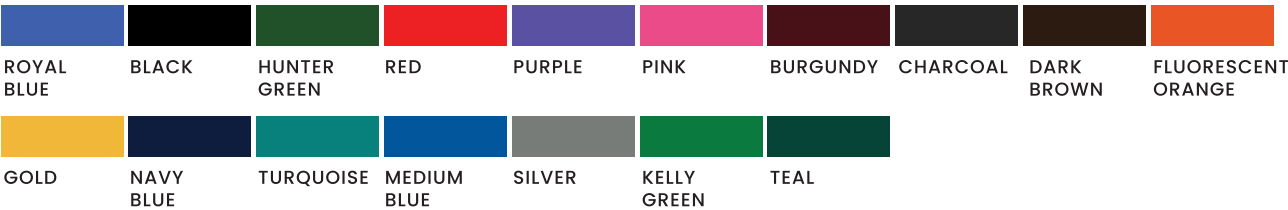


POLYTRON

AVAILABLE COLORS & PATTERNS



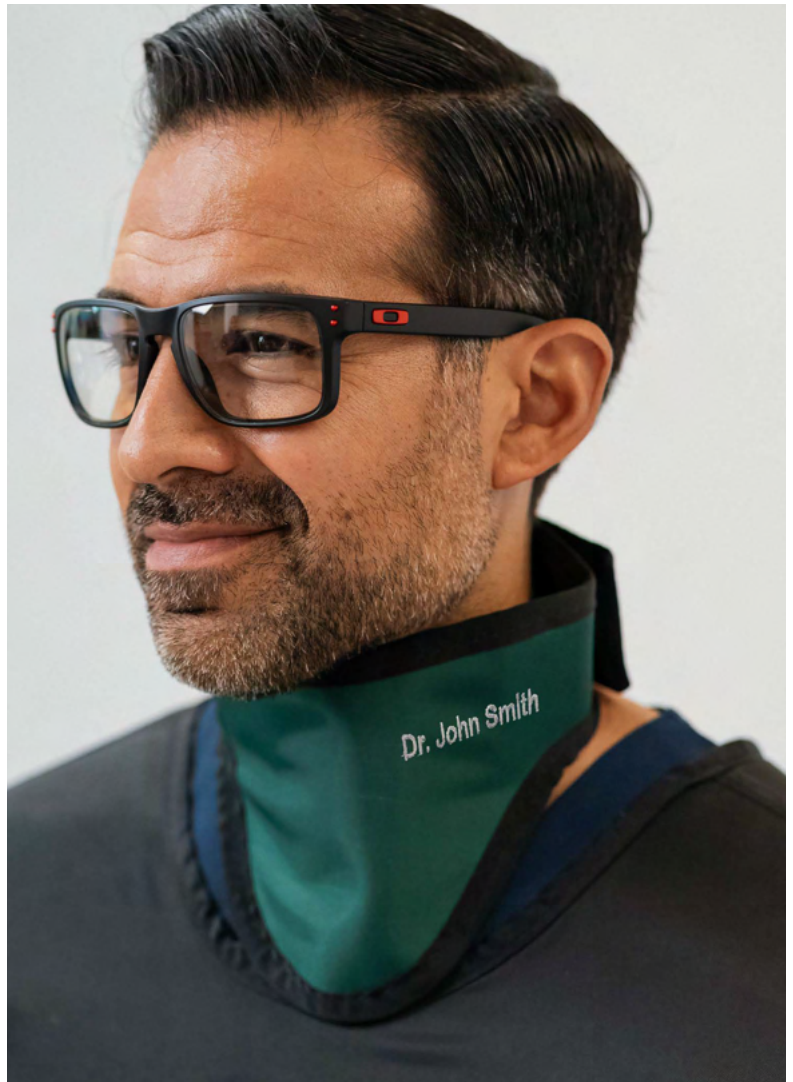
BINDING AVAILABLE



EMBROIDERY

If you want a personalized thyroid shield, Phillips Safety offers the option to add embroidered logos or text directly onto the collar. You can customize the text however you'd like, with a maximum of 25 characters.

Choose from two elegant font styles: the classic sans-serif Arial or the stylish script Parkside. To make it truly yours, select from nine vibrant embroidery colors to complement your shield's design.



FONT: ARIAL



FONT: PARKSIDE

COLORS AVAILABLE



AVAILABLE FOR LEAD APRONS AND THYROID SHIELDS

CONTACT

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please do not hesitate to contact us.

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