



Lightweight. Proven protection.™

PRODUCT CATALOG



# RADIATION PROTECTION PRODUCTS

## Quality you can trust

Lite Tech, Inc. was founded in 1992, with the acquisition of the patented XENOLITE business and technology from DuPont. Our products are developed from the longstanding DuPont technology and reputation of lightweight, eco-friendly, radiation protection innovation.

Headquartered near Philadelphia, Lite Tech is the only fully integrated x-ray protection manufacturer with an in-house R&D Lab, engineers, and ANSI representation on the IEC committee. Lite Tech produces its own proprietary core/sheet materials, which gives greater control over quality and standards compliance. XENOLITE products are backed by a thorough, vigorous testing process which meets the stringent world standard IEC 61331-1 (both 80 kV & 100 kV).

First in producing lightweight material, first in manufacturing a lead free option, and first with bi-layer technology, Lite Tech has and continues to develop unrivalled leading-edge capability in the combined sciences of radiation physics and complex highly-filled plastics processing. XENOLITE was the world's first lightweight, multi-element, composite x-ray protection material designed to replace lead-vinyl while offering a significant weight reduction.

Lite Tech products are sold in over 24 countries and at every interaction with each of our clients, we demonstrate our commitment to delivering the most innovative products to the highest standards of quality and compliance.

**TO ORDER CALL (800) 647-5483**

**OUTSIDE THE U.S. CALL (610) 650-8690**

## Core Materials

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### Lead Free

**XENOLITE® 800-NL** — a lead-free, super-lightweight 2-element composite.

XENOLITE NL is recyclable and safe for non-hazardous disposal.

PRODUCT CODE NUMBER IS 800

**XENOLITE® 700-TB** — a lead-free, lightweight 2-element composite.

XENOLITE TB is recyclable and safe for non-hazardous disposal.

PRODUCT CODE NUMBER IS 700

**XENOLITE® 400-S (Strata)** — a lead-free, lightweight material featuring bi-layer radiation protection technology. XENOLITE Strata is recyclable and safe for non-hazardous disposal.

PRODUCT CODE NUMBER IS 400

### Light-Weight Lead Composite

**XENOLITE® 600-B** — the original lightweight composite, 3-element material, with some lead content. XENOLITE is mid-priced and recyclable.

PRODUCT CODE NUMBER IS 600

### Lead

**EVAL 900-Pb** — a 100% lead-based material. EVAL is used for lower-priced, non-weight sensitive products as well as gamma-radiation (Nuclear Medicine) applications. This material is also used for x-ray procedures (CT-assist, thorax) over 120 kV.

PRODUCT CODE NUMBER IS 900

## Colors and Customization

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Lite Tech offers a wide range of colors and fabrics for its XENOLITE aprons. To see the full selection of fabric options, visit [www.xenolitexray.com](http://www.xenolitexray.com). All orders are custom-made and can be embroidered with your logo or monogram.



## Vest / Skirt Aprons

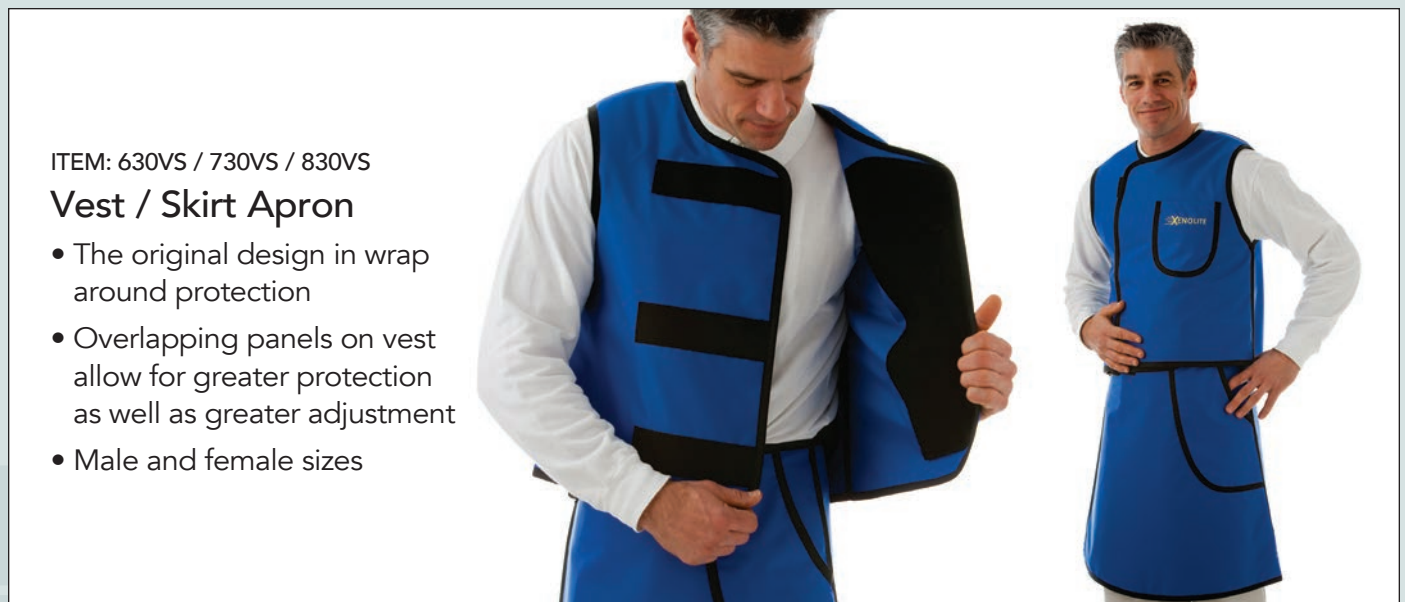
All XENOLITE Vest / Skirt Aprons create maximum weight distribution between the shoulders and hips which eliminates stress on the upper and lower back. Vest / Skirt Aprons also provide greater flexibility to the wearer with regard to sitting, bending, or stooping. The skirt is designed for complete overlap to provide maximum protection.

Vest / Skirt sizes can be mixed to provide maximum comfort and fit.

All Vest/Skirt Aprons come with standard features:

- Shoulder pads
- Pockets on vest and skirt
- Hanging loops on skirt

To determine sizing, please see page 15.





ITEM: 625VS / 725VS / 825VS

### Full Overlap Vest / Skirt Apron

- Full overlapping front panels allow for weight reduction and maximum protection
- Front panel closes at right side and right shoulder with Velcro
- Male and female sizes

ITEM: 635VS / 735VS / 835VS

### Elastic Back Saver Vest / Skirt Apron

- Elastic Velcro straps cross at lower back to provide excellent lumbar support
- Eliminates weight on shoulders
- Velcro closure at left shoulder
- Male and female sizes





# Full Wrap Aprons

All XENOLITE Full Wrap Aprons offer maximum protection with superior comfort and are designed to help reduce upper back stress during long procedures.

All Wrap Aprons come with standard features:

- Shoulder pads
- Pocket
- Adjustable 7" (18 cm) elastic belt comes standard with the Special Procedure Apron (6201 / 7201 / 8201) and the Overwrap Apron (6250 / 7250 / 8250)

To determine sizing, please see page 15.



ITEM: 6200TS / 7200TS / 8200TS

## Tabbard Style Apron

- Right shoulder and side Velcro closure allow for easy access
- Simple, single-piece design makes this model extremely light
- Unisex sizes



ITEM: 6201 / 7201 / 8201

## Special Procedure Apron

- Overlapping panels for greater protection and adjustment
- Adjustable 7" (18 cm) elastic belt distributes weight on hips and shoulders
- Velcro side seams allow for separation when bending or sitting without compromising protection
- Male and female sizes



ITEM: 6240 / 7240 / 8240

## Diamond Back Apron

- One-piece, wrap-around opening in back with attached Lumbar support
- Front overlap eliminated for lighter weight
- Male & Female Sizes

ITEM: 6320 / 7320 / 8320

## Quick Release Full Wrap Apron

Worn over the scrub suit and under the O.R. gown for quick removal without breaking the sterile field after x-ray procedures are completed

- Unisex Sizes



ITEM: 6250 / 7250 / 8250

## Overwrap Apron

- Full, overlapping, front panels allow for weight reduction and maximum protection
- Front panel closes at right side and right shoulder with Velcro
- Adjustable 7" (18 cm) elastic belt distributes weight on hips and shoulders
- Male and female sizes



## Frontal Aprons

All XENOLITE Frontal Aprons allow for freedom of movement, maximum flexibility, and optimal comfort.

The open back design makes all these aprons exceptionally light.

All Frontal Aprons come with standard features:

- Shoulder pads
- Pocket
- Male/Female sizes

To determine sizing, please see page 15.



ITEM: 610E / 710E / 810E

### Elastic Tab Apron

- Elastic tabs allow for comfortable fit around the waist
- Reduces shoulder stress
- Body-hugging design shifts weight from shoulders to waist



ITEM: 610A / 710A / 810A

### Adjustable Weight Apron

- Crisscross shoulder design keeps apron in place when bending or stooping
- Velcro tabs make it easy to put on and take off
- Reduces bunching on back and on shoulders
- Optional Velcro strap closure and/or 6" built-in elastic back panels





ITEM: 610K / 710K / 810K

### Back Support Apron

- Unique design distributes weight between shoulders and lower body
- Adjustable 7" (18 cm) elastic support belt offers greater lower back support
- Belt attaches to side with key ring
- Velcro shoulder closure

ITEM: 610R / 710R / 810R

### Shoulder Release Apron

- Crisscross, elastic back provides greater weight distribution
- Velcro tabs at both shoulders and waist allow for quick removal



## Frontal Aprons

All XENOLITE Frontal Aprons allow for freedom of movement, maximum flexibility, and optimal comfort.

The open back design makes all these aprons exceptionally light.

All Frontal Aprons come with standard features:

- Shoulder pads
- Pocket
- Male/Female sizes

To determine sizing, please see page 15.



ITEM: 610NV / 710NV / 810NV

### No Velcro Apron

- 3" (7.5cm) wide elastic tabs allow for comfortable fit around the waist with buckle closure
- Body-hugging design shifts weight from shoulders to waist



ITEM: 610B / 710B / 810B

### Buckle Apron

- Features a 2" (5 cm) wide adjustable waist strap with buckle
- Velcro shoulder closure
- Optional Velcro strap closure and/or 6" built in elastic back panels



ITEM: 610S / 710S / 810S

## Strap Apron

- Features a cotton strap closure which is double stitched for durability
- Velcro shoulder closure

ITEM: 610LP / 710LP / 810LP

## Lateral Protection Apron

All of the comfort advantages of our frontal aprons, plus additional coverage when turning to the side



ITEM: 610Q / 710Q / 810Q

## O.R. Quick Drop Apron

Worn over the scrub suit and under the O.R. gown for quick removal without breaking the sterile field after x-ray procedures are completed





ITEM: 640T / 740T / 840T

## Thyroid Collar

Available in Standard (fits most) or Large size (over 20"/51cm neck). Additional styles available.



ITEM: 650H / 750H / 850H

## Humeral Shield

Choice of Velcro or sewn attachment to apron.



ITEM: 5100

## Elastic Back Support Belt

Adjustable 7" (18 cm) elastic belt connects to apron with key ring.



ITEM: 640H / 740H / 840H

## Half Aprons

Velcro closure system; 0.50 mm Pb equivalency



| Item   | U.S. Size         | Metric Size       |
|--------|-------------------|-------------------|
| X40H-1 | 8x10"             | 20x25             |
| X40H-2 | 12x14"            | 30x35             |
| X40H-3 | 16x18"            | 40x45             |
| X40H-4 | 18x24"            | 45x60             |
| X40H-5 | Set of 3<br>8x10" | Set of 3<br>20x25 |
|        | 12x14"            | 30x35             |
|        | 16x18"            | 40x45             |

ITEM: CAP-V / CAP-S

## Protective Cap

Radiation protective caps available with strap-tie or Velcro closure. Your choice of color and protection. One size fits all.



CAP-S



CAP-V

ITEM: 5200

## Carry Bag

This durable bag is constructed of 500 Denier Nylon and carries up to two aprons. Color: Black. Monogramming is available for this item.







ITEM: 9880

### Mobile Apron Rack

Using only 24" of floor space, this mobile rack is perfect for rooms where floor space is limited. The 8 prongs can hold up to 12 aprons and thyroid collars.

#### Specifications:

48" tall. Color: White

ITEM: 9890

### Valet Apron Rack

Constructed of sturdy painted metal and features wheels that lock in place, this valet holds up to 300 lbs of aprons. Five non-removable hangers are included with each unit. Additional hangers are available for purchase.

#### Specifications:

54" high, 36" wide, and 24" deep. Color: White



ITEM: 5136

### 8 Peg Apron Rack

Constructed of steel with rubber tips, this rack holds four aprons and thyroid collars. There are four mounting holes.

#### Specifications:

3" high, 24" wide. Color: White

ITEM: 9870

### Z Frame Apron Rack

Our 4x4, heavy-duty, mobile, nesting Z-rack offers superior stability for storage of lead xray aprons. Large, heavy-duty, locking, swivel casters allow the rack to be easily moved. Hangers sold separately.

#### Specifications:

55" high x 51" wide x 23" deep. Base Colors: white, black, & silver.



## Protective Eyewear

All glasses are made with the highest quality glass and offer .75mm lead equivalency. Most styles are available in Single, Bifocal, and Progressive prescriptions.



ITEM: LT100 **Ultralite**

Manufactured of lightweight nylon and designed to provide protection for the entire eye area. The curved front and temple bar with rubber tips allow for a close secure fit. Available in Black, Silver, Red, and Carbon Gray. Weight: 58 grams



ITEM: LT500 **Maxi**

The Maxi is slightly smaller than the Ultralite and includes a soft rubber nose bridge for increased comfort. Available in Black, Silver, Red, and Navy. Weight: 63 grams



ITEM: LT300 **Astro**

These flexible safety frames can be adjusted for a more custom fit. The front of the frame is fitted snugly to the brow to help alleviate fluid run-off into the eyes. Weight: 75 grams



ITEM: LT5050 **Wrap**

A lightweight, wrap-around nylon frame with built-in adjustable nose piece to distribute weight evenly over the nose. The earpieces are attached by spring hinges designed to withstand the rigors of hospital use. Weight: 85 grams



ITEM: LT600 **MetalFlex**

These frames are constructed of optical steel base metal electroplate. Each pair is made with an adjustable non-slip silicone nose pad for maximum comfort. Weight: 62 grams



ITEM: LT400 **Fitover**

The Fitover is designed for wear over prescription glasses. The oversized frame offers excellent protection and large viewing area. Weight: 92 grams



## U.S. Sizing

| VEST SIZE | WxL    | SUIT SIZE | DRESS SIZE | CHEST  | MAX. HEIGHT |
|-----------|--------|-----------|------------|--------|-------------|
| X-Small   | 20x20" | 34-35     | 2-4        | 32/33" | 5'8"        |
| Small     | 21x21" | 36-37     | 6-8        | 34/35" | 5'8"        |
| Medium    | 22x22" | 38-40     | 10-12      | 36/39" | 5'10"       |
| Large     | 23x23" | 42-44     | 14-16      | 40/42" | 6'0"        |
| X-Large   | 24x24" | 46-48     | 18-20      | 44/46" | 6'2"        |
| XX-Large  | 25x25" | 50-52     | 22-24      | 48/50" | 6'3"        |

| SKIRT SIZE | WxL    | SUIT SIZE | DRESS SIZE | WAIST  | MAX. HIPS |
|------------|--------|-----------|------------|--------|-----------|
| X-Small    | 24x19" | 34-35     | 2          | 21/24" | 30"       |
| Small      | 28x20" | 36-37     | 4-10       | 25/28" | 34"       |
| Medium     | 32x21" | 38-40     | 10-14      | 29/32" | 38"       |
| Large      | 36x22" | 42-44     | 16-18      | 33/36" | 42"       |
| X-Large    | 40x23" | 46-48     | 20-22      | 37/40" | 46"       |
| XX-Large   | 44x24" | 50-52     | 24-26      | 41/44" | 50"       |

| WRAP SIZE   | WxL    | SUIT SIZE | DRESS SIZE | CHEST  | MAX. HEIGHT |
|-------------|--------|-----------|------------|--------|-------------|
| X-Small     | 20x34" | 34-35     | 2-4        | 32/33" | 5'6"        |
| Small       | 21x36" | 36-37     | 6-8        | 34/35" | 5'8"        |
| Medium      | 22x38" | 38-40     | 10-12      | 36/39" | 6'0"        |
| Tall-Medium | 22x40" | 38-40T    | 10-12      | 36/39" | 6'0"        |
| Large       | 23x40" | 42-44     | 14-16      | 40/42" | 6'0"        |
| Tall-Large  | 23x43" | 42-44T    | 14-16      | 40/42" | 6'3"        |
| X-Large     | 24x40" | 46-48     | 18-20      | 44/46" | 6'0"        |
| XX-Large    | 25x42" | 50-52     | 22-24      | 48/50" | 6'2"        |

| MENS FRONTAL APRON SIZES | WxL    | SUIT SIZE | CHEST  | MAX. HEIGHT |
|--------------------------|--------|-----------|--------|-------------|
| Small                    | 24x36" | 36-37     | 34/35" | 5'8"        |
| Medium                   | 24x38" | 38-40     | 36/39" | 6'0"        |
| Large                    | 24x40" | 42-44     | 40/42" | 6'0"        |
| Tall-Large               | 24x43" | 42-44T    | 40/42" | 6'3"        |
| X-Large                  | 25x40" | 46-47     | 44/45" | 6'0"        |
| XX-Large                 | 26x42  | 48-50     | 46/48" | 6'2"        |

| WOMENS FRONTAL APRON SIZES | WxL    | SUIT SIZE | CHEST  | MAX. HEIGHT |
|----------------------------|--------|-----------|--------|-------------|
| X-Small                    | 20x34" | 2-4       | 32/33" | 5'6"        |
| Small                      | 22x34" | 4-6       | 34/35" | 5'6"        |
| Medium                     | 22x36" | 8-10      | 36/39" | 5'8"        |
| Tall-Medium                | 22x40" | 8-10      | 36/39" | 6'0"        |
| Large                      | 24x40" | 14-16     | 40/42" | 6'0"        |
| X-Large                    | 25x40" | 18-20     | 43/46" | 6'1"        |

## Metric Sizing

| VEST SIZE                        | W (cm) | SUIT SIZE | DRESS SIZE | CHEST      |
|----------------------------------|--------|-----------|------------|------------|
| <b>LENGTHS 53 / 55 / 60 / 63</b> |        |           |            |            |
| X-Small                          | 51     | 44        | 34-36      | 80-84 cm   |
| Small                            | 53     | 46        | 36-38      | 85-90 cm   |
| Medium                           | 56     | 48-50     | 38-40      | 91-98 cm   |
| Large                            | 58     | 52-54     | 42-46      | 99-107 cm  |
| X-Large                          | 61     | 56        | 48-50      | 108-115 cm |
| XX-Large                         | 64     | 58        | 52         | 116-130 cm |

NOTE: Specify male or female

| SKIRT SIZE                       | W (cm) | SUIT SIZE | DRESS SIZE | WAIST      | MAX. HIPS |
|----------------------------------|--------|-----------|------------|------------|-----------|
| <b>LENGTHS 50 / 55 / 60 / 63</b> |        |           |            |            |           |
| X-Small                          | 61     | 44        | 34-36      | 53-62 cm   | 77 cm     |
| Small                            | 71     | 46        | 36-38      | 63-72 cm   | 87 cm     |
| Medium                           | 81     | 48-50     | 38-40      | 73-82 cm   | 97 cm     |
| Large                            | 91     | 52-54     | 42-44      | 83-92 cm   | 107 cm    |
| X-Large                          | 101    | 56        | 46-48      | 93-102 cm  | 117 cm    |
| XX-Large                         | 112    | 58        | 50-52      | 103-112 cm | 127 cm    |

NOTE: Specify male or female

| WRAP SIZE                                       | W (cm) | SUIT SIZE | DRESS SIZE | CHEST      | MAX. HIPS |
|---|--------|-----------|------------|------------|-----------|
| <b>LENGTHS 95 / 100 / 105 / 110 / 115 / 120</b> |        |           |            |            |           |
| X-Small   | 51     | 44        | 34-36      | 80-84 cm   | 77 cm     |
| Small   | 53     | 46        | 36-38      | 85-90 cm   | 87 cm     |
| Medium  | 55     | 48-50     | 38-40      | 91-96 cm   | 97 cm     |
| Large   | 58     | 52-54     | 42-44      | 99-107 cm  | 107 cm    |
| X-Large   | 61     | 56        | 46-48      | 108-115 cm | 117 cm    |
| XX-Large  | 63     | 58-60     | 50-52      | 116-130 cm | 127 cm    |

NOTE: Specify male or female

| MENS FRONTAL APRON SIZES                   | W (cm) | EURO SUIT SIZE | UK SUIT SIZE | CHEST      |
|--|--------|----------------|--------------|------------|
| <b>LENGTHS 100 / 105 / 110 / 115 / 120</b> |        |                |              |            |
| Small                                      | 61     | 46             | 36           | 86-90 cm   |
| Medium                                     | 61     | 48-50          | 38-40        | 91-98 cm   |
| Large                                      | 61     | 52-54          | 42-44        | 99-107 cm  |
| X-Large                                    | 63     | 56-58          | 44-48        | 108-115 cm |
| XX-Large                                   | 66     | 58-62          | 48-54        | 116-130 cm |

| WOMENS FRONTAL APRON SIZES                | W (cm) | EURO SUIT SIZE | UK SUIT SIZE | CHEST      |
|---|--------|----------------|--------------|------------|
| <b>LENGTHS 95 / 100 / 105 / 110 / 115</b> |        |                |              |            |
| X-Small                                   | 51     | 34-36          | 6-8          | 80-84 cm   |
| Small                                     | 56     | 36-38          | 10-12        | 85-89 cm   |
| Medium                                    | 56     | 40-42          | 14-16        | 90-94 cm   |
| Large                                     | 61     | 42-44          | 18-20        | 95-107 cm  |
| X-Large                                   | 63     | 46-50          | 20-22        | 108-115 cm |

## Determining size

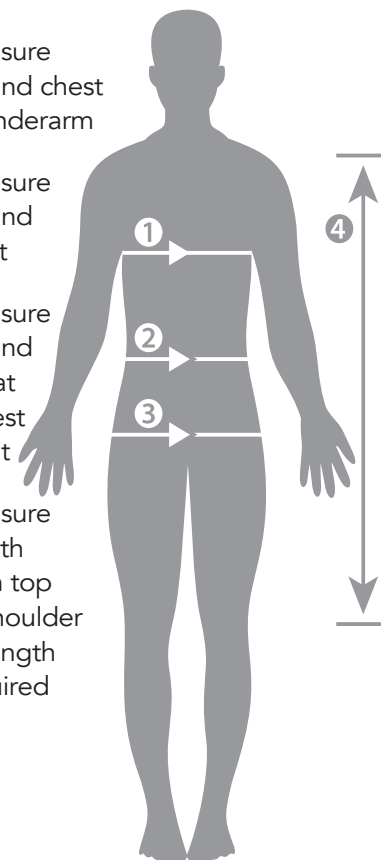
Before placing an order, take body measurements. Use a cloth measuring tape to get accurate measurements.

1. Measure around chest at underarm

2. Measure around waist

3. Measure around hip at widest point

4. Measure length from top of shoulder to length required



To learn more and view a sizing video, visit

[xenolitexray.com](http://xenolitexray.com)



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