



Lead Apron Buying Guide

Choose the Right Protection, Fit, and Configuration

Radiation protection apparel plays a critical role in staff safety. The right apron reduces fatigue, improves comfort during long procedures, and ensures consistent shielding where it matters most.

This guide helps you quickly select the apron style, size, protection level, and accessories that best match your workflow.



5 Considerations for Ordering a Lead Apron

1: Apron Style

Start by selecting the apron style that best matches how the apron will be used.

2: Size

Proper sizing ensures consistent protection and comfort. Use the sizing charts inside to determine the correct width and length for frontal aprons or the appropriate wrap-around or vest and skirt combination for two-piece systems.

3: Lead Protection Type

Different core materials offer varying levels of weight and flexibility. Each option provides radiation protection while balancing weight and comfort.

4: Fabric Color

Outer fabrics protect the apron core and allow departments to match existing equipment or department preferences.

5: Optional Accessories

Complete your configuration with optional accessories such as patch pockets, name patches or embroidery, and thyroid collars.

How to Use This Guide

Selecting a lead apron involves several decisions including fit, protection level, and configuration.

This guide walks you through each step so you can build the apron that best supports your staff and procedures.

As you move through the guide:

1. Review each section in order.
2. Circle or mark the options you want.
3. When finished, transfer your selections to the order form on the final page.

This makes it easy to communicate the exact configuration needed for ordering.

STEP 1

Choose Your Apron Style

Frontal Aprons



Adjust A Fit Apron (AF or AFQR)

Features two hook-and-loop fastening flaps at the waist, which aids in relieving weight off the shoulders and includes adjustable padded shoulders.

Its comfortable fit is attained by varying the position of the flaps. comes with two closure options:

- Model **AF** with hook-and-loop closure
- Model **AFQR** with 2" QR Buckle closure



Back Relief Apron (BR)

Transfer the weight from the shoulders to the hips and assist with lower back stress with the aid of a belt.

Adjustable back shoulder strap keeps the apron snug. Shoulder pads included.

*Please indicate belt size when ordering.

BR Belt Options: - 6" wide elastic belt

- BR-S-Small
Fits Waist: 28"-38" (71.1-96.5cm)
- BR-M-Medium
Fits Waist: 36"-48" (91.4-121.9cm)
- BR-L-Large
Fits Waist: 44"-58" (111.8-147.3cm)



Flex Back Apron (FB)

Features elastic back panels for added comfort and support with hook-and-loop fastening flaps that wrap around the waist for an adjustable fit.

Shoulder pads included.

Fast Wrap Apron (FW)

Offers both comfort and ease of wearing with a single hook-and-loop fastener that wraps around the front.

Adjustable back shoulder strap keeps the apron snug. Shoulder pads included.



Surgical Drop Off (SDO)

Features front hook-and-loop fastening flaps with back criss-cross straps that assure easy removal from both over or under the surgical gown without disturbing the sterile field.

Shoulder pads included.



Standard Coat Apron (SV & SQR)

Features open back with choice of 2" quick release buckle or hook-and-loop fastener that crosses the back and secures in front for a snug and comfortable fit.

Shoulder pads included.

- SQR - Quick Release Buckle
- SV - hook-and-loop Closure



Frontal Aprons

STEP 1

Choose Your Apron Style

Vest/Skirt Aprons

Wrap-Around Aprons



Adjust A Fit Vest Skirt Apron (AFVS)

Features wrap-around protection and adjustable padded shoulders from the arm hole to the top of the shoulder enabling the user to adjust the vest to a more secure and comfortable fit. Because of the versatility in fit it accommodates a wide range of wearers.

The skirt wraps around and overlaps in the front offering extra protection. Fits securely on hips with extra wide hook-and-loop fastener and 2" quick release buckle for added support. Comes standard with large side pocket and hanging loops.



Vest Skirt Combo Apron (VS)

Features all-around protection with an overlap in the front, shoulder pads, and three-panel hook-and-loop closure.

The skirt wraps around and overlaps in the front, offering extra protection. Fits securely on hips with extra wide hook-and-loop fastener and 2" quick release buckle for added support. It comes standard with large side pocket and hanging loops.

Also available as separate items to allow for mixed sizing: Vest Only (VO) and Skirt Only (SO).

Wrap Around Back Relief (WABR)

A one-piece apron designed for front and back protection. The belt helps transfer the weight from the shoulders to the hips.

Shoulder pads included.

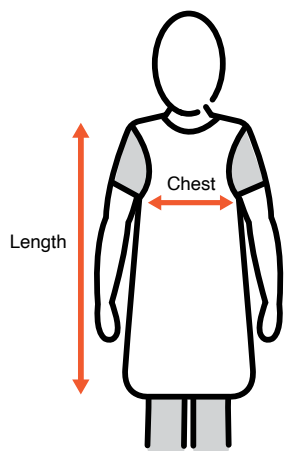
BR Belt Options: - 6" wide elastic belt

- BR-S-Small
Fits Waist: 28"-38" (71.1-96.5cm)
- BR-M-Medium
Fits Waist: 36"-48" (91.4-121.9cm)
- BR-L-Large
Waist: 44"-58" (111.8-147.3cm)



STEP 2

Select Your Size



Frontal Aprons

Style Numbers:
AF, AFQR, BR, FB, FW, SDO, SV, SQR

To build your item number use:
Style Number-WidthxLength-Lead Type
(lead type options are on page 10)

Example: AF-22x34-TL

Choose your size + length

Choose Your Size		
Width	Size	Fits Chest
18	XS	30"–34"
20	S	34"–38"
22	M	38"–42"
24	L	42"–46"
27	XL	47"–52"
30	XXL	53"–58"

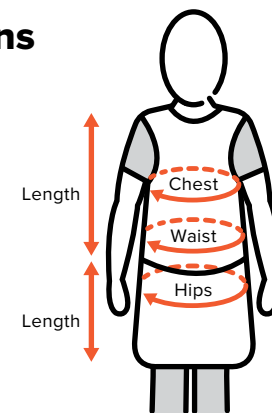
Choose Your Length		
Length	Size	Height
30	X-Short	4'11"–5'3"
32	Short	5'3"–5'5"
34	Regular	5'5"–5'8"
36	Tall	5'8"–5'11"
38	X-Tall	5'11"–6'2"

Vest/Skirt & Wrap-Around Aprons

Style Numbers:
AFVS, VS, VO, SO, WABR

Vest/Skirt (VS) Sizing: Choose your size
Vest Only (VO) Sizing: Use Chest/Waist for size
Skirt Only (SO) Sizing: Use Hips for size

Wrap-Around Sizing:
Choose your size + length



Female Cut

Size	Vest/Skirt & Wrap-Around Choose Your Size			Vest/Skirt (AFVS, VS) No Choice in Length		Wrap-Around (WABR) Choose Your Length	
	Fits Chest	Waist	Hips	Vest Length	Skirt Length	Choose Your Length	Fits Height
SF (Small)	34"–35"	26–30"	38"	17"	21"	30 (X-Short)	4'11"–5'3"
MF (Medium)	36"–37"	30–34"	40"	18"	21"	32 (Short)	5'3"–5'5"
LF (Large)	38–40"	34–38"	43"	19"	21"	34 (Regular)	5'5"–5'8"
XLF (X-Large)	41–44"	38–42"	47"	20"	21"	36 (Tall)	5'8"–5'11"
XXLF (XX-Large)	45–48"	42–46"	51"	21"	22"	38 (X-Tall)	5'11"–6'2"

Male Cut

Size	Vest/Skirt & Wrap-Around Choose Your Size			Vest/Skirt (AFVS, VS) No Choice in Length		Wrap-Around (WABR) Choose Your Length	
	Fits Chest	Waist	Hips	Vest Length	Skirt Length	Choose Your Length	Fits Height
SM (Small)	35–38"	28–32"	40"	18"	21"	30 (X-Short)	4'11"–5'3"
MM (Medium)	39–42"	32–36"	44"	19"	22"	32 (Short)	5'3"–5'5"
LM (Large)	43–46"	36–40"	48"	20"	22"	34 (Regular)	5'5"–5'8"
XLM (X-Large)	47–50"	40–44"	52"	21"	22"	36 (Tall)	5'8"–5'11"
XXLM (XX-Large)	51–54"	44–48"	56"	22"	23"	38 (X-Tall)	5'11"–6'2"

STEP 3

Select Lead Protection Type

Core Material	Regular Lead	Lite Ply Lead	Non-Lead
Protection Level	RL – 0.5mm Pb Eq	TL – 0.5mm Pb Eq TLL – 0.35mm Pb Eq	NL – 0.5mm Pb Eq NLL – 0.35mm Pb Eq
Benefits	Most economical	15% lighter than Regular lead	20-25% lighter than Regular lead

STEP 4

Select Fabric & Color

Diamond Ripstop (Less likely to absorb fluids)



Solid Nylon



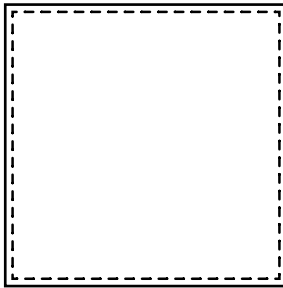
Designer Nylon



STEP 5

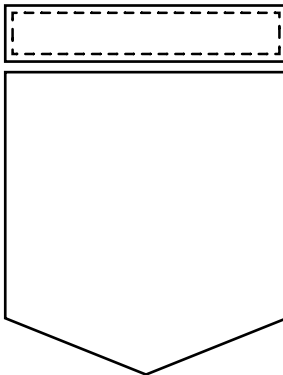
Select Accessories

Apron Patch Pocket (Left Side) - 45576



Removable Velcro Name Patch - 5086106

Embroidery is included.



Embroidery (for Apron and/or Thyroid Collar) 5086107

- Stitched directly on the apron or thyroid collar
- Charges are per location (apron; thyroid collar)
- Apron embroidery is available on left chest only
- Block style letters up to 20 characters per line, 2 line maximum

Thyroid Collars

Standard Thyroid Collar

A trim design with binding across the top and bottom, rear hook-and-loop closure.

5086112	Small: 22.5"L (Bib: 3.75"L)
5086112-T	Small, Tethered: 22.5"L (Bib: 3.75"L)
508670	Large: 25.5"L (Bib: 5.5"L)
508670-T	Large, Tethered: 25.5"L (Bib: 5.5"L)



Comfort Thyroid Collar

Trim design like the Standard Style without the top binding, rear hook-and-loop closure.

5086193	Small: 24"L (Bib: 3.75"L)
5086193-T	Small, Tethered: 24"L (Bib: 3.75"L)
5086194	Large: 26.5"L (Bib: 5.5"L)
5086194-T	Large, Tethered: 26.5"L (Bib: 5.5"L)



Ultra Thyroid Collar

Softest and most flexible, no binding, rear hook/loop closure.

5086187	Small: 24"L (Bib: 3.75"L)
5086187-T	Small, Tethered: 24"L (Bib: 3.75"L)
5086138	Large: 26.5"L (Bib: 5.5"L)
5086138-T	Large, Tethered: 26.5"L (Bib: 5.5"L)



Lead Apron Order Form

Use this form to record the selections you circled throughout the guide.

Fill in the appropriate information for each category below. This form can then be shared with your purchasing team or sales representative to complete the order.

Customer Information

Facility Name: _____

Contact Name: _____ Date: _____

Step 1: Apron Style

Selected Style Name: _____

Selected Style Code (example: use FW for Fast Wrap model): _____

Step 2: Size Check One and Fill in Size Information

Frontal: Size _____ + Length: _____ + Belt Size (BR model only) _____

Vest/Skirt Combo: Female Size _____ or Male Size _____

Vest Only: Female Size _____ or Male Size _____ + Skirt Only: Female Size _____ or Male Size _____

Wrap-Around: Female Size _____ or Male Size _____ + Length _____ + Belt Size _____

Step 3: Protection Type

Choose One (protection level information is on page 10)

Regular	Lite Ply	Non-Lead
RL	TL	NL
	TLL	NLL

Step 4: Apron Fabric Color

Fabric: _____ Color: _____

Step 5: Accessories

Patch Pocket (#45576) Yes No

Removable Name Patch (#5086106) (embroidery included) Yes No

Embroidery (#5086107) Yes No

Medtronic (For Medtronic Use Only) Yes No
Engineering the extraordinary

Thyroid Collar Style Name & Number: _____

Thyroid Collar Fabric: _____ Color: _____

Choose Apron Embroidery - Model #5086107 (\$ Additional charges apply).

Please indicate "L" for Logo, and/or "E" for Embroidery Placement Below:

Embroidery is left chest placement only. Block Style. Up to 20 characters per line, 2 lines Maximum.

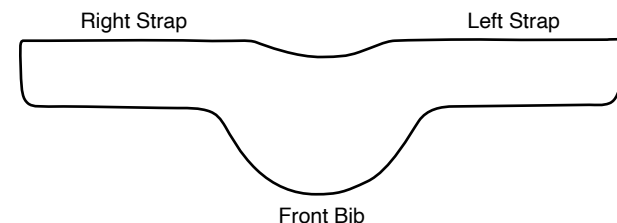
Please note: Embroidery is case sensitive and will be created exactly as written on lines below.

Choose Apron Embroidery Color

Black White

Choose Thyroid Collar Embroidery

Please indicate "L" for Logo, and/or "E" for Embroidery Placement Below:





Choosing the Right Lead Apron Matters

Radiation protection equipment should support both safety and comfort. An apron that fits properly and distributes weight effectively helps reduce strain on the shoulders, neck, and back during long imaging procedures.

If you need assistance selecting the right configuration, your Marketlab representative can help review sizing, protection options, and accessories for your team.

Take the next step.



Browse our lead apron selection
at marketlab.com/leadaprons



Connect with a Marketlab expert at
800.237.3604 or service@marketlab.com

Get the FAQs about
our Lead Aprons