

Apron Heavy

✓ Description

Heavy aprons are protective garments designed to shield the wearer from hazardous materials, splashes, or radiation during medical, industrial, or laboratory procedures. These aprons are typically made from thick, durable materials to provide enhanced protection compared to standard aprons.

✓ Specifications

- Thickness: Varies, typically heavier gauge materials for better protection
- Weight: Heavier than standard aprons, exact weight depends on material and size
- Length: Usually full torso coverage, ranging from mid-thigh to below the knees
- Closure: Tie or Velcro straps for secure fit

✓ Sizes

- Small, Medium, Large, and Extra Large to fit different body types
- Custom sizes available for special requirements

✓ Shapes & Types

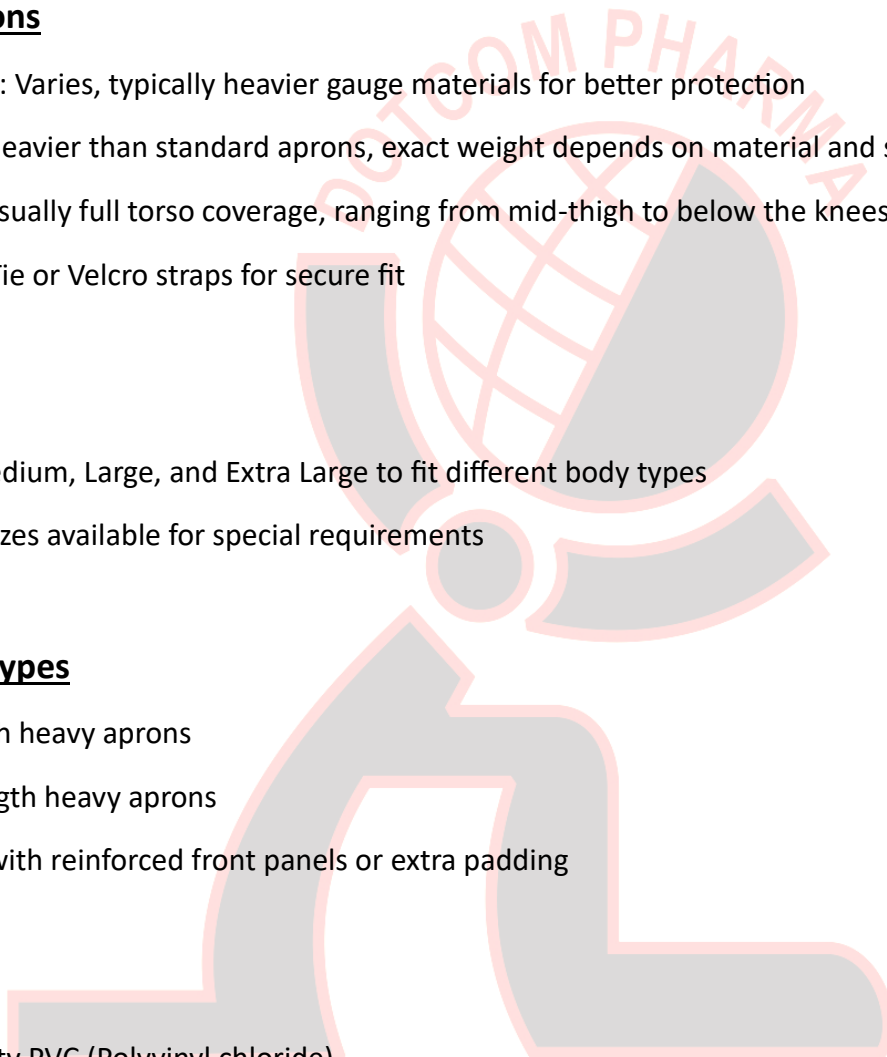
- Full-length heavy aprons
- Waist-length heavy aprons
- Variants with reinforced front panels or extra padding

✓ Material

- Heavy-duty PVC (Polyvinyl chloride)
- Rubberized fabrics
- Lead or lead-equivalent materials for radiation protection in medical settings
- Polyethylene or other synthetic protective layers

✓ Category

- Personal Protective Equipment (PPE) > Protective Clothing > Heavy Aprons



✓ Product Form

- Reusable or disposable based on material and use-case

✓ Usage

- Protection against chemical splashes in labs and industrial settings
- Radiation protection during X-rays or radiology procedures (lead aprons)
- Protection from bodily fluids in medical settings
- General protective wear in hazardous environments

✓ Advantages

- Provides enhanced protection due to heavy-duty material
- Durable and long-lasting in reusable models
- Available in multiple sizes and styles for comfort and coverage
- Some models provide radiation shielding

✗ Disadvantages

- Heavier and bulkier than standard aprons, can restrict movement
- May cause discomfort during prolonged use
- Requires proper cleaning and maintenance if reusable
- Lead aprons require special handling and storage

⚠ Precautions

- Ensure proper fit to avoid gaps in protection
- Inspect regularly for tears, cracks, or damage
- Follow manufacturer guidelines for cleaning and storage
- Use appropriate apron type for the specific hazard (chemical vs radiation)

✓ HS/HSN Code

- HS Code: 6211.43 (Imperfect or worn clothing or protective garments)
- HSN Code (India): 6211

✓ Handling

- Handle with clean hands or gloves to prevent contamination
- Store hanging or flat to avoid creases or damage
- Follow disposal protocols if single-use

✓ Sterilization Details

- For reusable aprons: Clean with mild detergent and disinfectant
- Radiation aprons: Clean with manufacturer-recommended solutions
- Avoid harsh chemicals that degrade material
- Dry completely before storage

✓ Human Application

- Used by healthcare professionals during radiology and surgery
- Protective wear in chemical labs and industrial sites
- Used by cleaning staff handling hazardous materials

✓ Veterinary Application

- Protection during veterinary radiology procedures
- Use in animal surgery or treatment involving hazardous fluids
- Shielding during diagnostic imaging on animals

✓ Frequently Asked Questions (FAQs)

Q1: Are heavy aprons reusable?

A: Many are reusable, especially lead aprons and PVC types; some disposable versions exist.

Q2: Can heavy aprons protect against radiation?

A: Yes, lead or lead-equivalent aprons provide radiation protection.

Q3: How should I clean a heavy apron?

A: Follow manufacturer instructions; usually mild detergent and disinfectants are used.

Q4: Are heavy aprons comfortable to wear?

A: They can be bulky and heavy, so fit and material choice affect comfort.

Q5: Can heavy aprons be used in veterinary settings?

A: Absolutely, for radiology and protection during surgeries or treatments.

