

## Ansell RIN-297

# Ansell RINGERS R-297 Heavy Duty Industrial Padded Impact Protection Gloves User Manual

Model: RIN-297 | Brand: Ansell

## PRODUCT OVERVIEW

The Ansell RINGERS R-297 industrial gloves are designed for heavy-duty applications, providing superior impact protection and cut resistance. These gloves are engineered with advanced features to ensure hand safety and comfort in demanding environments, making them ideal for manufacturing, oil and gas, construction, emergency services, and utilities industries.



Figure 1: Ansell RINGERS R-297 Gloves, front view.

## KEY FEATURES

- **TPR Impact Protection:** Features patented Thermoplastic Rubber (TPR) design with F3 Technology on the top of the hand and full length of fingers for comprehensive impact protection.
- **Padded Palm:** Equipped with a padded palm for enhanced comfort and protection against impacts and vibrations.
- **Abrasion and Cut Resistance:** Constructed with durable materials like ARMORTEX and a stitched liner to provide reliable abrasion and cut resistance.
- **Extended Airprene Wrist Closure:** Includes an extended airprene wrist closure with a practical TPR pull tab for a secure and comfortable fit.
- **High Visibility:** Designed with an increased visibility external surface to improve safety in various work settings.

# ATTRIBUTES



**IMPACT  
PROTECTION**



**CUT  
RESISTANT**



**HIGH  
VISIBILITY**



**ABRASION  
RESISTANT**

Figure 2: Key attributes of the RINGERS R-297 gloves.

## SETUP AND PROPER FIT

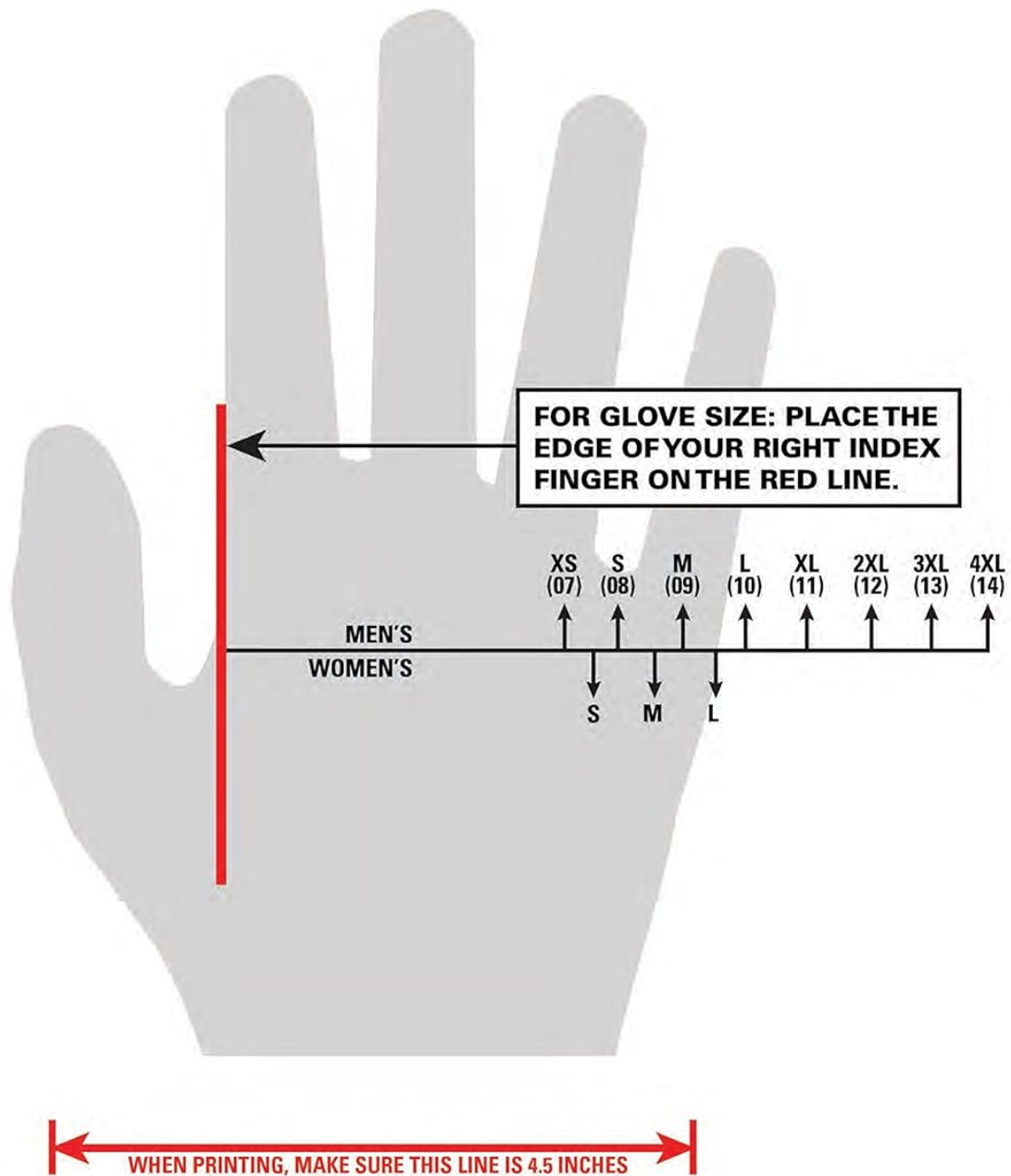
Achieving the correct glove fit is crucial for optimal protection and dexterity. An ill-fitting glove can compromise safety and comfort.

### Sizing Guide

To determine your correct glove size, refer to the sizing chart below. Ensure the glove fits snugly without restricting movement or circulation. Measure your hand according to the instructions provided in the chart.



# GLOVE SIZING CHART



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Figure 3: RINGERS Glove Sizing Chart.

## Initial Inspection

Before each use, visually inspect the gloves for any signs of damage, wear, or degradation. Check for tears, punctures, frayed stitching, or compromised impact protection pads. Do not use gloves that are torn, punctured, or show significant signs of wear, as their protective capabilities may be compromised. Replace damaged gloves immediately.

## OPERATING INSTRUCTIONS AND INTENDED USE

The RINGERS R-297 gloves are engineered for heavy-duty industrial applications requiring robust hand protection against impact, abrasion, and cuts.

### Recommended Applications

- Manufacturing
- Oil and Gas Industry (e.g., engagement and release of drill string slips, chaining up pipes)
- Construction (e.g., installation and dismantling of rigs, preparation of site, handling iron)
- Utilities
- Emergency Services
- Handling of tools
- Seizing structural and body parts
- Unloading worked parts

### Proper Usage

Always wear gloves appropriate for the specific task at hand. Ensure the gloves are fully on and the extended airprene wrist closure is securely fastened to prevent slippage and maximize protection. Maintain a firm grip on tools and materials, utilizing the glove's enhanced grip system.



Figure 4: Gloves in use during pipe handling.



Figure 5: Gloves providing protection during machinery work.

## CARE AND MAINTENANCE

Proper care extends the life and maintains the protective qualities of your RINGERS R-297 gloves. Following these guidelines will help ensure optimal performance and longevity.

### Cleaning

For general cleaning, wipe the gloves with a damp cloth. For heavier soiling, hand wash with mild soap and lukewarm water. Gently scrub soiled areas. Avoid harsh chemicals, bleach, or solvents, as these may degrade the glove material and compromise its protective features.

### Drying

Air dry gloves thoroughly away from direct heat sources (e.g., radiators, open flames) or direct sunlight. Do not machine dry, as high heat can damage the materials, impact protection, and overall structure of the gloves.

### Storage

Store gloves in a cool, dry place away from direct sunlight, extreme temperatures, and sharp objects. Proper storage helps prevent material degradation and maintains the integrity of the gloves.

## SPECIFICATIONS

Attribute	Detail
Manufacturer	Ansell
Part Number	297-08
Item Weight	1.6 ounces

Product Dimensions	4.5 x 13 x 2 inches
Country of Origin	Vietnam
Item Model Number	RIN-297
Size	Small (Other sizes available)
Color	Green
Style	R297g
Material	ARMORTEX
Item Package Quantity	1 Pair
Number Of Pieces	1
Measurement System	Metric
Special Features	Lightweight

## Safety and Certifications

The RINGERS R-297 gloves are designed and tested to meet various international safety standards for personal protective equipment, ensuring reliable protection in hazardous environments.

- **EN 420:** This standard defines the general requirements for protective gloves, including sizing, dexterity, pH value, and water vapor transmission.
- **EN 388 (4343CP):** This standard specifies protective gloves against mechanical risks. The rating 4343CP indicates:
  - **Abrasion Resistance (4):** High resistance to abrasion.
  - **Coupe Cut Resistance (3):** Moderate resistance to cutting by a blade.
  - **Tear Resistance (4):** High resistance to tearing.
  - **Puncture Resistance (3):** Moderate resistance to puncture.
  - **Impact Protection (P):** Indicates protection against impact.
- **ANSI/ISEA 105-2016 (A3 CUT):** This is the American National Standard for Hand Protection Selection Criteria. An A3 cut resistance level signifies a good level of protection against cuts.

# TESTING & CERTIFICATIONS

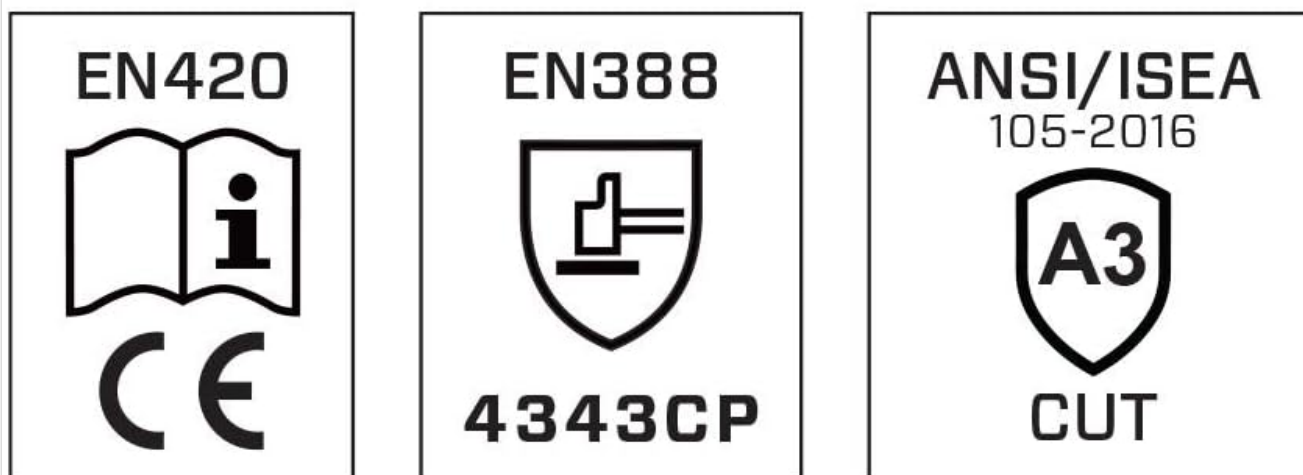


Figure 6: Safety and Certification markings.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your RINGERS R-297 gloves.

### Reduced Grip

If you experience reduced grip, ensure the gloves are clean and dry. Accumulated dirt, grease, or moisture can impair grip. Excessive wear on the palm or finger surfaces may also reduce grip effectiveness, indicating it's time for replacement.

### Discomfort or Poor Fit

If the gloves cause discomfort, pinching, or feel ill-fitting, re-check your hand size against the sizing chart (Figure 3). Incorrect sizing can lead to reduced protection, dexterity, and increased hand fatigue. Consider trying a different size if the current pair does not provide a comfortable and secure fit.

### Damage or Wear

Any significant damage such as tears, punctures, severe abrasion, or visible degradation of the impact protection pads compromises the glove's protective capabilities. Do not attempt to repair damaged gloves. For your safety, replace damaged gloves immediately.

## WARRANTY AND SUPPORT

Specific warranty details for the Ansell RINGERS R-297 gloves are not provided within this user manual. For comprehensive warranty information, product support, technical assistance, or any further inquiries regarding your gloves, please contact Ansell customer service directly or visit their official website.

You can find more information and contact details on the [Ansell Store on Amazon](#).

