

# Ultimate Hygiene on the Cutting Edge

**Niroflex's all-metal mesh gloves offer not only superior cut protection, but also protection from product contamination.**

**W**ith all of the precautions that processors take to ensure food safety and hygiene, one of the biggest risks is one of the most often overlooked, and easiest to fix — their cut-resistant gloves.

Metal mesh, or “chain mail,” has been around for centuries, dating back to the Knights of the Round Table. Metal mesh safety gloves have been commonplace in meat processing plants for decades. But even as more processors adapt to the times, recognizing the need for cut-resistant gloves, many still use outdated designs.

The traditional metal mesh glove has a fabric strap at the cuff to close the glove on the wearer's wrist. But over time those straps can become like a high school science fair experiment — fraught with bacteria. The glove is constructed of stainless steel, so why continue to use a fabric strap? Today you don't have to.

Niroflex2000 all-metal mesh gloves offer the top-of-the-line cut protection that meat and poultry producers are looking for, with several features that make sanitation and safety even easier. Aside from being designed to protect employees from sharp knives, equipment and tools, Niroflex2000 gloves safeguard the food product from contamination by eliminating the places fostering bacteria growth.

Niroflex2000 is the first totally hygienic steel mesh glove on the market. The fabric straps, which are a hiding place for bacteria, have been replaced with the patented Niroflex all-stainless-steel closing system. Additionally, Niroflex2000 gloves have no springs or rubber bands, making them totally adjustable and customizable for the user. This added comfort creates an ergonomic benefit. And the gloves are easier to clean, with the concern for fabric strap deterioration no longer present, one can clean Niroflex2000 gloves

with the same cleaning processes used to clean their knives.

Facilities that are using Niroflex2000 products also have experienced a dramatic savings on repairs. Research shows that nearly 2/3 of all metal mesh gloves in need of repairs only have strap problems; the mesh rings are in good shape. With the Niroflex2000, there are no more nylon straps, thus saving money on repairs and reducing inventory requirements.

Another key benefit to the Niroflex2000 is a stronger welding seam to protect the hand better, a feature that is not found in other mesh gloves. Most other mesh gloves use joining rings at the seams that attach adjacent rings in a simple fashion, linking rings at a one-to-one rate. This can result in gaps as wide as 6.3 millimeters — large enough for a knife point to protrude.

The pieces of mesh that form Niroflex2000 gloves are linked by weaving joining rings around (over and under) at least four adjacent rings — the same design used to interlock the basic mesh portions of the material. Weaving the seam in this fashion makes the Niroflex2000 a stronger, safer, and more secure glove in which the maximum gap is less than 3.1 millimeters, almost half as big as the gap other gloves allow.

The gloves are configured to fit a left hand upon delivery, but they can be reversed easily to fit the

right hand, and they are offered in five lengths ranging from wrist-length to shoulder-length, providing continuous mesh protection from finger tip to shoulder.

In addition to gloves, Niroflex USA offers a full line of metal mesh safety garments, including aprons, sleeves, and frocks. **Niroflex products are available from leading food industry safety products suppliers. For more information, contact Niroflex USA at 1-847-400-2638 or visit [www.niroflex.com](http://www.niroflex.com).**

