

# Safety

in the

# Food Industry



# Material Handling

# Core Workers

Graders/Sorters, Material Handlers  
Meat Processing Workers, Butchers

## *Hazards:*

- Hand injuries from heavy or abrasive materials.
- Biological hazards from raw products.
- Slippery, wet, or cold surfaces.
- Sharp edges from bones or shells



### **6016B NitriShield™ with Grippaz™**

- 6 mil nitrile, fish-scale grip
- Superior grip for wet or greasy surfaces and slippery packaging materials



### **5319 Nitri-Chem™ Flock-Lined Gloves**

- 15 mil nitrile, raised diamond grip, 13 inches
- Handling large cuts of meat, seafood or produce in wet conditions



### **9318 Steelcore® II Cut-Resistant Sleeve**

- 7-gauge, 18-inch polyester-wrapped stainless steel
- Arm protection for handling raw materials



### **9350 Steelcore® II Cut-Resistant Gloves**

- 7-gauge polyester-wrapped stainless steel, ambidextrous
- Excellent for butchers and meat processors working with sharp edges



### **92743BP CutPro® Gloves**

- 13-gauge HyperMax® shell, reinforced thumb crotch
- High cut, puncture, and abrasion resistance for sharp edges



### **HB3110PF Hydroblast® Goggles**

- Anti-fog, indirect vent, splash protection
- Keeps eyes safe from moisture, droplets and debris with superior comfort



# Processing & Preparation

# Core Workers

Cutters/Trimmers, Machine Operators

Prep Cooks/Food Preppers

Bakers, Batch Operators, Blenders/Mixers

## *Hazards:*

- Burns from hot surfaces and equipment.
- Chemical exposure from sterilizing agents.
- Lacerations and stabs from knives, slicers, and machinery.



### 9345D Uncoated Cut-Resistant Gloves

- 7-gauge string knit, lightweight, A7 cut protection
- Perfect for cutting and slicing tasks with comfort and dexterity



### 9273SPU CutPro® A9 Cut Gloves

- 13-gauge HyperMax® shell, water-based PU coated palm, black sandy finish
- Outstanding for handling knives and sharp objects



### 5309E Nitri-Chem™ Nitrile Gloves

- 11 mil unlined green nitrile, textured grip, 13 inches
- Ideal for chemical resistance during cleaning and mixing tasks



### 5190B Cannery Gloves

- 18 mil latex, 12-inch length, raised Z-pattern grip
- Provides secure grip during food handling and processing



### 9124K Hot Mill Gloves

- 24-ounce cotton, heat-resistant with knuckle strap
- Protects hands from burns when handling hot trays and heated surfaces



### 6944 Black Jack® Neoprene Gloves

- 14-inch multi-dipped neoprene, foam insulated heat level 5
- Designed for handling hot surfaces and frying food

# Quality & Inspection

# Core Workers

Quality Control Inspectors

Agricultural Product Sorters

Food Lab Technicians, Food Safety Specialists

## *Hazards:*

- Exposure to allergens from additives.
- Eye irritation from chemicals, fumigants and fine particulates.
- Skin irritation and burns from temperature extremes
- Preventing contamination when handling food products.



### 5290 Flock-Lined Latex Gloves

- 18 mil thickness, 12-inch length, honeycomb grip pattern.
- Protects hands from additives, and fine particulates



### 6845 Rubber Coated Work Gloves

- 12-inch latex-coated, crinkle grip, interlock lined
- Superior grip and protection for handling wet, hot or chilled food



### 6015 NitrShield™ Disposable Gloves

- 4 mil nitrile, textured grip, 9.5 inches
- Lightweight allergen barrier for handling food and testing materials



### 6012 NitrShield™ Gloves

- 6 mil thickness, 12-inch length, textured grip
- Extended protection for handling food samples and testing materials



### DM3MD10AF Dominator™ Metal Detectable Safety Glasses

- Metal detectable design, UV-AF® anti-fog, wire-core temples
- Prevents contamination while ensuring clear vision in detailed inspections



### HB5 Hydroblast® Anti-Fog Safety Glasses

- MAX6® anti-fog coating, ventless design splash-resistant seal
- Protects eyes from liquid splashes, dust



# Cleaning & Sanitation

# Core Workers

Sanitation Workers, Equipment Cleaners  
Sanitation Assistants/Production Helpers  
Cleaning Equipment Operators

## *Hazards:*

- Chemical burns from corrosive cleaners.
- Eye injuries from splashes or fumes of sanitizers and disinfectants.
- Exposure to mold, bacteria, and fungi during sanitation tasks.
- Skin irritation from exposure to wet surfaces.



### 2310AF Safety Goggles

- UV-AF anti-fog, indirect vented, soft TPR facial lining.
- Shields eyes from splashing sanitation chemicals



### HB4S110AF Hydroblast® Goggles & Face Shield

- Integrated anti-fog goggles with adjustable face shield
- D3 splash-rated protection from splash and droplet exposure



### MG9796 PredaFlex™ Shoulder-Length Gloves

- Nitrile sandy grip, interlock liner
- Full-arm protection against chemical splashes



### CP14 Butyl Chemical-Resistant Gloves

- 14 mil smooth butyl rubber; 14 inches, rolled cuff
- Superior resistance to acids and sanitizers



### 5409S Chem-Tech™ Neoprene over Latex Gloves

- 28 mil neoprene-latex blend, 12 inches raised diamond grip
- Double-layer protection for corrosive cleaning agents



### 6912 Neoprene Gloves

- Double-dipped neoprene, 12-inch length
- Excellent chemical resistance for handling sanitizers and corrosive cleaners

# Packaging & Labeling

# Core Workers

Packaging Machine Operators,  
General Production Workers,  
Hand Packers, Filtering/Clarifying Operators

## *Hazards:*

- Abrasions from packaging materials or containers.
- Cuts from sharp can or bottle edges.
- Eye injuries from flying debris or dust.
- Food contamination from improper glove use.



### 6032 NitrShield™ Gloves

- 8 mil nitrile, 12 inches
- Balanced strength, durability and tactile sensitivity



### 5015 Vinyl Gloves

- 5 mil thickness, powder-free, latex-free, FDA-compliant
- Low-cost protection while handling packaged food and labeling materials



### 9500 String Knit Work Gloves

- 7-gauge white cotton/polyester, FDA-accepted materials
- General purpose hand protection for packaging tasks



### N9680 Ninja® Flex Glove

- 15-gauge ultra lightweight nylon shell, latex-coated palm
- Outstanding grip and dexterity for lightweight packaging tasks



### 92754 MCR Safety CutPro® Gloves

- 13-gauge HyperMax® shell, double-dipped nitrile
- Excellent cut resistance, and grip for handling sharp cans or bottle edges



### SR210 Swagger® Safety Glasses

- Clear polycarbonate lenses, detachable side shields
- Provides impact protection from debris



# Storage & Refrigeration

# Core Workers

Material Movers, Forklift Operators  
Inventory/Shipping Clerks, Stockers  
Freezing/Cold Storage Operators

## Hazards:

- Cold exposure injuries like frostbite or burns from cold materials.
- Contact with slippery or wet materials, increasing handling risks.
- Fogged glasses reducing visibility due to temperature extremes.



### 9674IN UltraTech® Insulated Nitrile Gloves

- Ultralightweight shell, merino wool liner
- FDA approved material
- Excellent warmth, grip, and flexibility in cold conditions



### K9697 Kodiak® Insulated Work Gloves

- 10-Gauge Acrylic Terry Interior, Waterproof Sandy Latex Palm
- Excellent grip for handling materials in refrigerated environments



### 3460 Artic Jack® Insulated Leather Gloves

- Premium grain pigskin, Thermosock® lining, keystone thumb.
- Keeps hands warm and flexible while handling cold or frozen materials



### 9622 Thermal Insulation Gloves

- 10-gauge hollow-core polyester, lightweight insulation
- Promotes warmth as a liner or standalone in refrigerated tasks



### OG210PF Klondike® OTG Safety Glasses

- Oversized frame for prescription glasses
- MAX6® anti-fog coating
- Ensures clear vision in cold storage with anti-fog protection



### Dominator™ DM3 Safety Glasses

- Premium MAX6® anti-fog coating
- Adjustable wire core nose pads and temples
- Keeps vision clear in cold temperatures

# Maintenance & Mechanics

# Core Workers

Industrial Machinery Mechanics

Machine Maintenance Workers

Industrial Electricians, HVAC Technicians

## *Hazards:*

- Chemical burns from lubricants, refrigerants, and cleaning agents.
- Injuries from machinery, sharp tools, and impact hazards.
- Splashes from maintenance chemicals and flying debris during repairs.
- Preventing contamination when working near food production areas.



### 48406K Leather Welding Gloves

- Premium grain goatskin, Kevlar® lining, 5-inch cowhide cuff
- Heat, cut, and impact-resistant for welding, fabrication and high-heat food processing repairs



### 950 HyperFit® Mechanics Gloves

- Synthetic leather palm, super stretch knuckle fabric
- Provides grip, dexterity, and protection during industrial repairs



### 92220VT CutPro® Sleeve

- 13-gauge HyperMax®, 22-inch, hi-vis orange, adjustable strap
- Shields arms from cuts, abrasions and sharp machinery edges



### FF2931 Predator® Mechanics Gloves

- HyperMax® cut-resistant palm, TPR impact protection MaxGrid™ grip
- Protects hands from sharp tools, heavy machinery and impact hazards in maintenance tasks



### HK430PF Hulk® Safety Glasses

- MAX6® anti-fog lens, wrap-around design, TPR nose pad
- Protects against debris, and moving parts



### MP110PF Memphis MP1 Safety Glasses

- MAX6® anti-fog lens, wrap-around design, soft TPR nose pad
- Protects against debris, and moving parts



# Useful Food Industry Product Matrices

## Polymer Uses

| Polymer | Products          | Applications                                         | Key Properties                                           |
|---------|-------------------|------------------------------------------------------|----------------------------------------------------------|
| LATEX   | 5049, 5250, 5290  | CLEANING, HANDLING RAW MEAT, SHORT-TERM LIGHT TASKS  | ELASTICITY, GRIP IN WET CONDITIONS                       |
| NITRILE | 5319, 6061, 6015  | CHEMICAL HANDLING, CUTTING/TRIMMING, MIXING          | PUNCTURE RESISTANCE, CHEMICAL RESISTANCE                 |
| BUTYL   | CP14R, CP25R, CP7 | FUMIGATION, HAZARDOUS CHEMICALS, PRESSURIZED SYSTEMS | EXCEPTIONAL RESISTANCE TO GASES AND AGGRESSIVE CHEMICALS |

## Glove Thickness Table

| Glove Thickness          | Products                                      | Applications                                                      |
|--------------------------|-----------------------------------------------|-------------------------------------------------------------------|
| THIN GLOVES (4–6 MIL)    | 6061 (NITRILE), 6015 (NITRILE, 4.5 MIL)       | SAMPLING, SHORT-TERM HANDLING OF NON-CORROSIVE MATERIALS          |
| MEDIUM GLOVES (7-11 MIL) | CP14R (BUTYL, 14 MIL)                         | GENERAL CHEMICAL HANDLING, MODERATE PROTECTION AGAINST CORROSIVES |
| THICK GLOVES (11–25 MIL) | CP25R (BUTYL, 25 MIL), 5319 (NITRILE, 15 MIL) | CHEMICAL HANDLING, CLEANING WITH CORROSIVE AGENTS                 |

## Grip Pattern Table

| Grip Pattern             | Products                        | Applications                                                                                                                                                                  |
|--------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIAMOND GRIP (NITRILE)   | 5350, 5339S                     | AGGRESSIVE RAISED TEXTURE FOR HANDLING GREASY AND OILY ITEMS, ENSURING A FIRM HOLD ON SLICK SURFACES                                                                          |
| FISHSCALE GRIP (NITRILE) | 6016B, 60160                    | PRECISION GRIP FOR WET OR OILY TASKS, IDEAL FOR AUTOMOTIVE, INDUSTRIAL, AND FOOD PROCESSING APPLICATIONS                                                                      |
| HONEYCOMB GRIP (LATEX)   | 5250, 5290 (LATEX, FLOCK-LINED) | SUPERIOR WET GRIP FOR CLEANING AND JANITORIAL TASKS, MAXIMIZING CONTROL IN WET CONDITIONS                                                                                     |
| Z PATTERN GRIP (LATEX)   | 5190B                           | MULTI-DIRECTIONAL GRIP PATTERN FOR A BALANCED HOLD IN WET AND DRY CONDITIONS, REDUCING HAND FATIGUE AND IMPROVING FLUID DISPLACEMENT IN CHEMICAL HANDLING AND PRECISION TASKS |

## Glove Lining Table

| Glove Lining | Products                                      | Applications                             |
|--------------|-----------------------------------------------|------------------------------------------|
| UNLINED      | 5309E (NITRILE)                               | EASIER TO CLEAN AFTER CLEANING TASKS     |
| FLOCK-LINED  | 5319 (NITRILE, PREMIUM FLOCK-LINED)           | IMPROVED COMFORT WHEN HANDLING CHEMICALS |
| INSULATED    | 3450 (LEATHER, FLEECE-LINED), 6944 (NEOPRENE) | THERMAL PROTECTION IN COLD ENVIRONMENTS  |



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