

THE MOST EFFECTIVE PERSONAL PROTECTION IN THE WORLD



AUSTRALIAN DISTRIBUTOR

Diplomat
...the cutting edge in safety



Protective Materials
Made in USA

HexArmor[®] has partnered with HDM Inc. to design technologies with unique capabilities for the safety market. SuperFabric[®] technology, by HDM Inc., is a finishing process that takes ordinary fabrics and transforms them into high performance products collectively known as SuperFabric[®] brand materials. These new protective fabrics can be engineered for optimum resistance to abrasions, lacerations, punctures, stains, and more, while remaining highly flexible. SuperFabric[®] brand material simultaneously incorporates a variety of protective fabric functions that no other known fabric can simulate, including industry-leading cut-puncture-and needle-resistance.



HexArmor utilises variations of SuperFabric[®] technologies that are directly integrated into high-performance products (gloves, arm, and body protection) through different patterns of cut/sewn and direct print technologies and processes.

HexArmor offers the most extensive line of EN388/ISEA/CE Level 5 cut-resistant products that provide incomparable puncture resistance. Where applicable HexArmor products are washable for repeated use.



INNOVATIVE CUT-RESISTANCE

- Exceeds ASTM/ISEA and CE Level 5
- Shielding effect keeps sharp hazards (metal, blades, glass) from slipping between fibres and causing injury
- Won't snag or abrade like typical fibre based cut-resistant products



INDUSTRIAL PUNCTURE-RESISTANCE

- Guardplates act as a shield from punctures, deflecting and blocking hazards
- Spacing between guardplates provides flexibility and breathability



INDUSTRY LEADING NEEDLE-RESISTANCE

- Layered guard plates arrest, trap, and block needles and other hazards



UNMATCHED ABRASION-RESISTANCE

- Incredibly high abrasion-resistance, outlasting competitors and providing protection longer into product life
- Longer durability means better ROI and higher performance later in product life



To view demo videos of HexArmor personal protection products in use please visit: www.diplomatblades.com.au/videos





LEVEL SIX SERIES 9011



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, glass
- Comfortable cotton blend shell with wrinkle rubber palm coating for exceptional dexterity and feel

PROTECTION ZONES:



PRODUCT USES:

- General work • Maintenance
- Wires, metal, wood, glass • Waste handling/recycling (metals, plastics, paper)

LEVEL SIX SERIES 9012



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, glass
- DuPont™ Kevlar® shell with wrinkle rubber palm coating for exceptional dexterity and feel

PROTECTION ZONES:



PRODUCT USES:

- General work • Maintenance
- Wires, metal, wood, glass • Waste handling/recycling (metals, plastics, paper)

LEVEL SIX SERIES 9010



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, and glass
- Cut-resistant HPPE shell with flat nitrile palm coating for great oily or dry grip— ISEA Level 4

PROTECTION ZONES:



PRODUCT USES:

- General work
- Small parts handling
- Wires, metal, wood & glass

NXT 10-301



FEATURES:

- 5x more cut-resistance, and 11x more abrasion-resistance of traditional HDPE gloves
- Coretek™ fibre keeps hands cool & comfortable
- Incredible feel

PROTECTION ZONES:



PRODUCT USES:

- Warehousing • Flexible packaging
- Grinding
- Box cutting

NXT 10-306



FEATURES:

- 5x more cut-resistance, and 11x more abrasion-resistance of traditional HDPE gloves
- Coretek™ fibre keeps hands cool & comfortable
- Incredible feel

PROTECTION ZONES:



PRODUCT USES:

- General work • Assembly
- Material handling • Grinding
- Glove liner

STELLEATHER™ III 5033



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, and glass
- Comfortable grain leather that will outlast your typical leather driver's gloves

PROTECTION ZONES:



PRODUCT USES:

- General Work • Maintenance & mechanics
- Wires, metal, wood, glass
- Wire and cable

BIG JAKE® PREMIUM 5040



FEATURES:

- 4x the puncture protection of standard double-palmed leather (modified ASTM 1342 with 18 gauge needle)
- Cowhide leather feel with critical seams reinforced along thumb and bottom edge for extra protection
- Canvas safety cuff 2 3/4"

PROTECTION ZONES:



PRODUCT USES:

- Veneer & plywood manufacturing
- Razorwire/barbed wire
- Wires, metal, wood, glass





ISEA/CE Level 5
Cut Protection



Impact Protection

TENX THREESIXTY 7090



FEATURES:

- Innovative industrial puncture protection over entire hand from wires, metal, wood, glass
- Canvas safety cuff and particle nitrile coating for liquid & chemical resistance

PROTECTION ZONES:



PRODUCT USES:

- General work
- Metal treatment
- Casting manufacturing
- Chemically immersed product

HERCULES™ 400R6E



FEATURES:

- Innovative industrial puncture protection over entire hand from wires, metal, wood, and glass
- Gauntlet design and pre-curved shape for maximum comfort and ultimate protection
- Specialised silicon gripping surface on palm

PROTECTION ZONES:



PRODUCT USES:

- Razorwire/barbed wire
- Animal handling/veterinary
- Wires, metal, wood, glass

BLADEMASTER ULTIMATE 8020



FEATURES:

- Cut resistant DuPont™ Kevlar® shell provides ISEA Level 4 cut resistance, enhanced SuperFabric® knuckle protection from bumps and scrapes
- Leather reinforced palm for added cushion and grip

PROTECTION ZONES:



PRODUCT USES:

- Straight and saw blade changing
- Filing and grinding
- Metal, scrap handling

STELLEATHER™ IX 5039



FEATURES:

- Made with SuperFabric® brand material for the highest cut-resistance available on the market— Exceeds ISEA/CE Level 5 (full protection coverage)
- Comfortable grain cow leather that will outlast your typical leather driver's gloves

PROTECTION ZONES:



PRODUCT USES:

- General work
- Razorwire/barbed wire
- Wires, metal, wood, glass

MECHANICS' + 4018



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, glass
- Synthetic leather palm enhances grip in dry and light oil applications, while providing dexterity to utilise tools and equipment

PROTECTION ZONES:



PRODUCT USES:

- General work
- Maintenance & mechanics'
- Wires, metal, wood, glass

CHROME SERIES: IMPACT HI-VIS 4026



FEATURES:

- Oil-resistant synthetic leather palm enhances grip in dry and light oil applications, while providing dexterity
- Abrasion-resistant PVC dots for maximum grip in oily situations
- Back of hand impact protection

PROTECTION ZONES:



PRODUCT USES:

- Oil-Gas operations
- Maintenance and mechanics'
- Machine repair
- Extrication

CHROME SERIES: CUT 5 IMPACT SLIPFIT 4028



FEATURES:

- Oil and abrasion-resistant synthetic leather palm with PVC grip enhances grip in dry and light oil applications, while providing dexterity to utilise tools and equipment
- Slipfit style cuff
- Back of hand impact protection

PROTECTION ZONES:



PRODUCT USES:

- Oil-Gas operations
- Maintenance and mechanics'
- Machine repair
- Extrication

CHROME SERIES: CUT 5 FRAMERS 4030



FEATURES:

- Oil-resistant synthetic leather palm enhances grip in dry and light oil applications, while providing dexterity to utilise tools and equipment
- Partial fingers on index, middle, and thumb for high dexterity applications

PROTECTION ZONES:



PRODUCT USES:

- General work
- Maintenance and mechanics'
- Wires, metal, wood, glass
- Machine repair

PROTECTION ZONE COLOURS:



2 Layer Needlestick Protection



3 Layer Needlestick Protection

NEEDLESTICK RESISTANT

DON'T GET STUCK

Our needle-resistant gloves and arm guards aren't just lab tested, we test them with actual .25 gauge needles (modified ASTM 1342-05 test) to give you maximum protection and peace of mind.

"The best hand protection on the market."
 -Regional Safety Manager, large US Waste Handler/Recycler



SHARPSMASTER II™ 9014



PROTECTION ZONES:



FEATURES:

- Highest needlestick-resistance available provided by the layering of SuperFabric® brand material
- Single-glove needle solution with incredible dexterity and comfort
- Wrinkle rubber palm coating with Actifresh™ anti-microbial treatment

PRODUCT USES:

- Waste/recycle sorting
- Hospital waste handling
- Laundry and linen
- Wastewater/sewage treatment
- Municipality work

POINTGUARD™ X 6044



PROTECTION ZONES:



FEATURES:

- Highest needlestick-resistance available provided by the layering of SuperFabric® brand material
- Recommended use as an under-glove solution with appropriate top-glove combination
- Lightweight cotton shell with elastic wrist support

PRODUCT USES:

- Waste/recycle sorting
- Hospital waste handling
- Laundry and linen
- Wastewater/sewage treatment
- Municipality work

SHARPSMASTER II™ 7080



FEATURES:

- Highest needlestick-resistance available provided by the layering of SuperFabric® brand material
- Tested using actual 25 gauge needles (modified ASTM 1342-05 test)
- Nitrile coated jersey shell provides liquid resistance

PROTECTION ZONES:



PRODUCT USES:

- Hospital Laundry
- Hospital Waste
- Recycle Sorting
- Waste Handling
- Wastewater/Sewage Treatment

SHARPSMASTER HV™ 7082



PROTECTION ZONES:



FEATURES:

- Highest needlestick-resistance available provided by the layering of SuperFabric® brand material
- Single-glove needle solution with incredible dexterity and comfort
- Flat nitrile dip

PRODUCT USES:

- Waste/recycle sorting
- Hospital waste handling
- Laundry and linen
- Municipality work
- Wastewater/sewage treatment

NSR 4041



FEATURES:

- Improved fit and feel from memory span liner and form fitting
- Added back of hand knuckle padding for incidental bumps/impact
- New larger silicon pattern for better grip

PROTECTION ZONES:



PRODUCT USES:

- Law enforcement
- Waste/recycle sorting
- Hospital waste handling
- Laundry and linen
- Wastewater/sewage treatment

HERCULES™ NSR 3041



PROTECTION ZONES:



FEATURES:

- Highest needlestick-resistance available provided by the layering of SuperFabric® brand material
- Full coverage design, pre-curved shape for maximum comfort and ultimate protection
- Specialised silicon gripping surface on palm

PRODUCT USES:

- Hospital waste handling
- Laundry and linen
- Wastewater/sewage treatment
- Municipality work

8" ARM GUARD AG8TW



FEATURES:

- Won't fall down like knit sleeves, lightweight and cooler than knit or leather alternatives
- Lasts 13 times longer than competitive sleeves
- Spandex wrist insert with thumb hole, snap fasteners

PROTECTION ZONES:



PRODUCT USES:

- Waste/recycle sorting
- Hospital waste handling
- Laundry and linen
- Wastewater/sewage treatment
- Municipality work

PROTECTION ZONE COLOURS:



ISEA/CE Level 5 Cut Protection



Impact Protection

OIL & GAS



GATOR GRIP GGT5 4020



PROTECTION ZONES:



SuperFabric® guardplates bite through and channel away lubricant, creating a "snow tire" effect. This gives the user the ability to grip oily or lubricated parts and tools.

FEATURES:

- Grip prevents formation of oil film and displaces oil allowing maximum contact with tools & other surfaces in saturated situations
- Impact protection on back of hand and fingers reduces risk of contusion and crush
- Hi-visibility colour for easier signalling and compliance

PRODUCT USES:

- Medium to heavy oil situations
- Oil-Gas operations
- Handling high-viscosity fluids
- Frac gels
- Friction reducers
- Grease

GGT5 MUD 4021X



FEATURES:

- Mud Grip synthetic leather palm with PVC dots works well in light/medium oil based muds
- Enhanced impact protection with increased coverage
- Abrasion-resistant PVC dots for maximum grip in muddy situations
- Hi-visibility colour for easier signalling and compliance

PROTECTION ZONES:



Surface wicks away lubricant, leaving particles that create friction and improve grip on metal tools.

PRODUCT USES:

- Light to medium oil-based mud situations
- Oil & gas operations
- Diesel fuel
- Honey oil
- Hydraulic fluid
- Friction reducers
- Extrication

CHROME SERIES: CUT 5 IMPACT 4025



PROTECTION ZONES:



FEATURES:

- Oil-resistant synthetic leather palm enhances grip in dry and light oil applications, while providing dexterity to utilise tools and equipment
- 360° Level 5 cut-resistance
- Back of hand impact protection

PRODUCT USES:

- Oil-Gas operations
- Maintenance and mechanics'
- Machine repair
- Extrication

CHROME SERIES: IMPACT HI-VIS 4026



PROTECTION ZONES:



FEATURES:

- Oil-resistant synthetic leather palm enhances grip in dry and light oil applications, while providing dexterity to utilise tools and equipment
- Abrasion-resistant PVC dots for maximum grip in oily situations
- Back of hand impact protection

PRODUCT USES:

- Oil-Gas operations
- Maintenance and mechanics'
- Machine repair
- Extrication

CHROME SERIES: CUT 5 IMPACT SLIPFIT 4028



PROTECTION ZONES:



FEATURES:

- Oil and abrasion-resistant synthetic leather palm with PVC grip enhances grip in dry and light oil applications, while providing dexterity to utilise tools and equipment
- Slipfit style cuff
- Back of hand impact protection

PRODUCT USES:

- Oil-Gas operations
- Maintenance and mechanics'
- Machine repair
- Extrication

PROTECTION ZONE COLOURS:



ISEA/CE Level 5
Cut Protection



2 Layer
Needlestick Protection



3 Layer
Needlestick Protection

**LAW ENFORCEMENT
HEAT RESISTANT
FOOD SERVICE**

GENERAL SEARCH AND DUTY GLOVE 4045



FEATURES:

- Needlestick-resistance available by the layering of 2 layers of SuperFabric® brand material (in fingertips)
- AirMesh™ breathable back of hand with Airprene wrist band, velcro closure

PROTECTION ZONES:



PRODUCT USES:

- General search and duty
- Seizure/pat downs
- Correctional operations
- Apprehension and control

LEATHER TACTICAL ENFORCEMENT GLOVE 4046



FEATURES:

- Needlestick-resistance available by the layering of 2 layers of SuperFabric® brand material (in fingertips)
- Cut-resistant liner for back of hand protection
- Soft grain leather for tactile comfort

PROTECTION ZONES:



PRODUCT USES:

- General search and duty
- Seizure/pat downs
- Correctional operations
- Apprehension and control

NSR 4041



FEATURES:

- Improved fit and feel from memory span liner and form fitting
- Added back of hand knuckle padding for incidental bumps/impact
- New larger silicon pattern for better grip

PROTECTION ZONES:



PRODUCT USES:

- Law enforcement
- Waste/recycle sorting
- Hospital waste handling
- Laundry and linen
- Wastewater/sewage treatment



HOTMILL 8100

HEAT RESISTANT



FEATURES:

- 360° Level 5 cut-resistance
- Rates CE Level 2 for contact heat, up to 250°C
- 13oz cotton shell
- Extended canvas cuff allows easy removal

PROTECTION ZONES:



PRODUCT USES:

- General steel mill work
- Handling pipes, cables, hoses
- Metal scrap, strip, band handling
- Glass, paper, petrochemical industry



NXT 10-302

AMBIDEXTROUS SOLD IN EACHES



FEATURES:

- 5x more cut-resistance, and 11x more abrasion-resistance of traditional HDPE gloves
- Keeps hands cool & comfortable while providing best-in-class dexterity
- Meets European food migration testing (EN 1186:2002 SI 1998 No 1376)

PROTECTION ZONES:



PRODUCT USES:

- Food service
- Cutting and processing
- De-boning applications
- Knife blade handling
- Plastics trimming



PROTECTION ZONE COLOURS:



ISEA/CE Level 5
Cut Protection



2 Layer Needlestick
Protection

ARM GUARDS & PROTECTIVE APRONS

9" ARM GUARD AG10009S

PROTECTION ZONES:



FEATURES:

- Innovative industrial puncture protection from wires, metal, wood, glass over entire forearm
- Won't fall down like knit sleeves, lightweight and cooler than knit or leather alternatives
- Spandex wrist insert with thumb hole

PRODUCT USES:

- General work • Wires, metal, wood, glass • Assembly
- Food packing/processing



19" ARM GUARD AS019S

PROTECTION ZONES:



FEATURES:

- Innovative industrial puncture protection from wires, metal, wood, glass from wrist to bicep
- Won't fall down like knit sleeves, lightweight and cooler than knit or leather alternatives
- Neoprene thumb loop and alligator sleeve clip keeps sleeve from falling down

PRODUCT USES:

- General work • Wires, metal, wood, glass • Assembly
- Food packing/processing



8" ARM GUARD AG8TW

PROTECTION ZONES:



FEATURES:

- Won't fall down like knit sleeves, lightweight and cooler than knit or leather alternatives
- Lasts 13 times longer than competitive sleeves
- Spandex wrist insert with thumb hole, snap fasteners

PRODUCT USES:

- Waste/recycle sorting • Hospital waste handling
- Laundry and linen • Wastewater/sewage treatment
- Municipality work



PROTECTIVE APRON 20"X 30" AP102229

PROTECTION ZONES:



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, glass
- Heavy Duty (double layer)
- Lightweight compared to alternatives

PRODUCT USES:

- Veneer Pulling
- Food processing
- Filing/grinding
- Wires, metal, wood, glass

PROTECTIVE APRON 36" AP361

PROTECTION ZONES:



FEATURES:

- Innovative industrial puncture protection on enhanced areas from wires, metal, wood, glass
- Heavy Duty (double layer belly patch)
- Lightweight compared to alternatives

PRODUCT USES:

- Veneer Pulling
- Food Processing
- Filing/Grinding
- Wires, metal, wood, glass

Abrasion resistance → 4

Blade cut resistance → 5

Tear resistance → 4

Puncture resistance → 4



HexArmor products are cut and puncture resistant, not cut and puncture proof. Do not use with moving or serrated blades and tools. User shall be exclusively responsible to assess the suitability of the product as specified for any individual application or use.

Protective materials are made in the USA.

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