

# iNPAK

IMPACT ENERGY DISPERSION SYSTEM

IMPACT RESISTANT  
HYBRID TECHNOLOGY





**INPAX® Impact Resistant Technology**

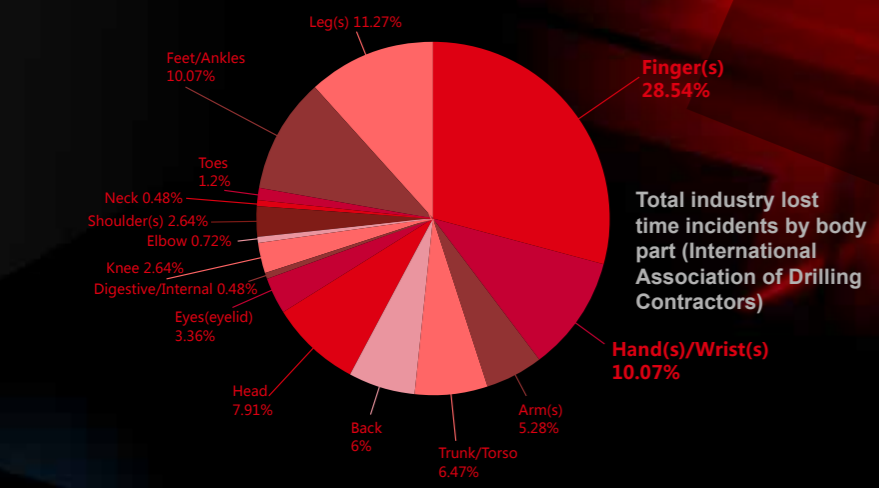
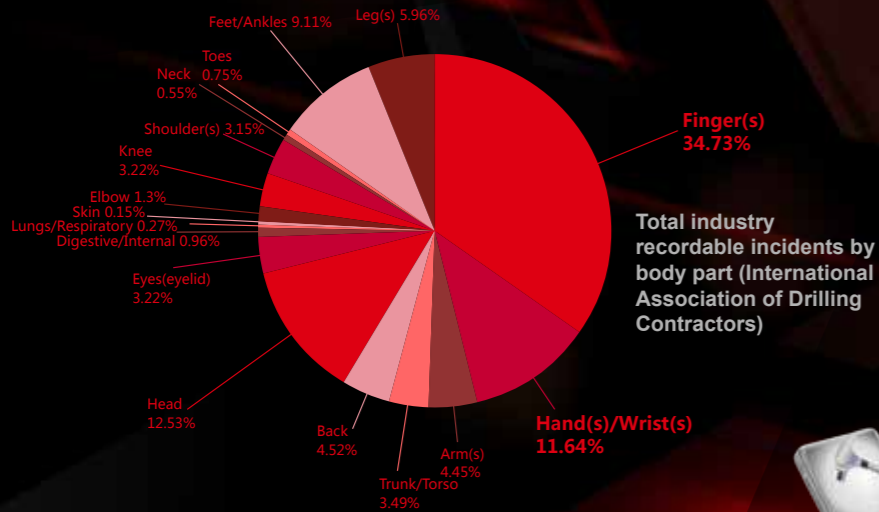
Offers a custom engineered scientific solution to impact injuries that are sustained predominantly to the back of the hands, knuckles, fingers and palm zones from everyday work hazards.

Using specially formulated materials, we create shock and impact absorbing barriers and guards into and onto our protective gloves which significantly reduces transmitted force to the hand.

We control the entire process in-house from the initial concept deigns, custom shape / mould manufacturing and forming to attaching the final protective barriers/guards onto the finished glove / liner either by direct stitching or via our unique bonding process.

Combined with leading palm (cut, puncture, heat & abrasion resistant) material manufacturers and utilising how own specially blended and knitted cut resistant gloves. we can design and manufacture gloves that now truly offer all round protection!

The range category concept for INPAX® all around protection



**STANDARD**

Impact Resistant HI-Viz Abrasion Resistant Oily

**CUT & PUNCTURE**

Impact Resistant Cut Resistant Puncture Resistant Abrasion Resistant Oily

**HEAT & FIRE RETARDENT**

Impact Resistant Heat Cut Resistant Abrasion Resistant Dry Oily

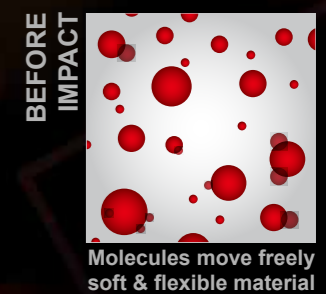
**WATERPROOF & WINTER**

Impact Resistant Abrasion Resistant Wet Cold Oily

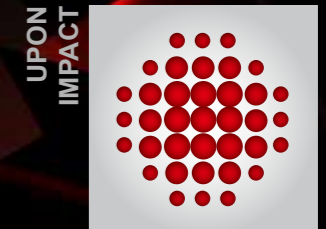


INPAX® XERO

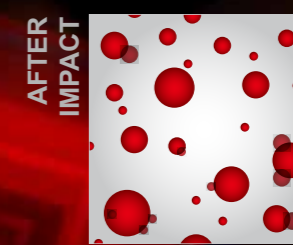
INPAX® XERO Foam is currently designed at an optimal density and thickness of 3mm specifically for palm padding of industrial hand protection to best maximize it's impact absorption potential whilst allowing the glove to remain flexible and dexterous...XERO foam can be either stitched onto the glove liner or attached directly to the surface using our unique and pioneering bonding process.



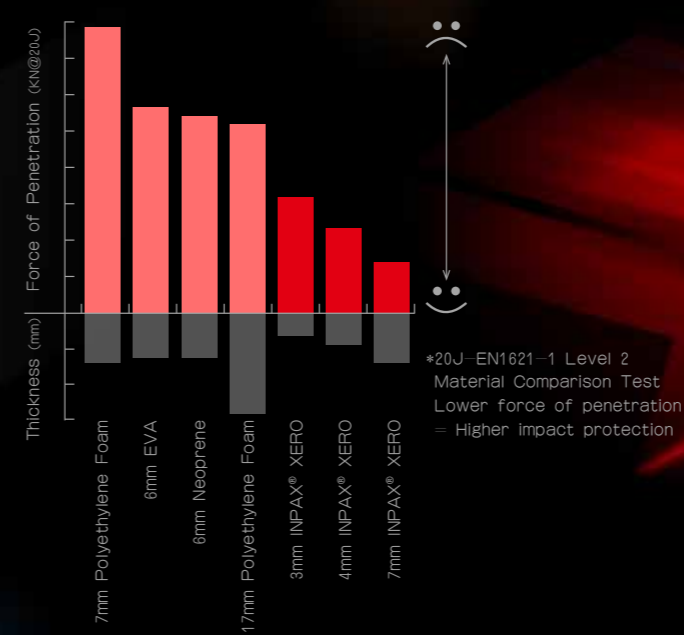
BEFORE IMPACT Molecules move freely soft & flexible material

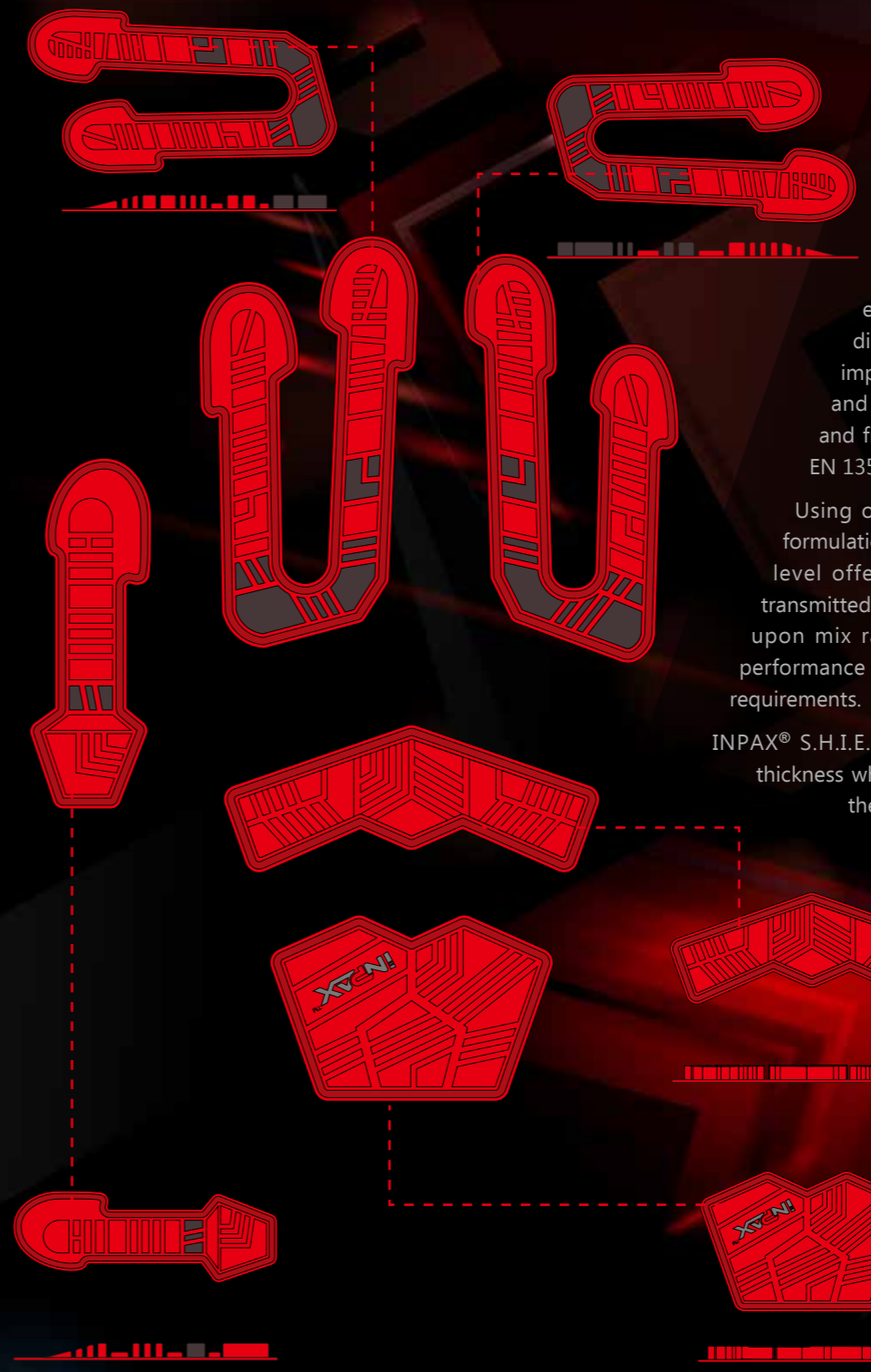


UPON IMPACT Molecules lock absorb & dissipate impact



AFTER IMPACT Molecules move freely returns to flexible state





**INPAX® S.H.I.E.L.D.S  
(Shock & Impact Energy  
Level Dispersion System)**

An advanced range of technically designed and engineered exterior protective guards that absorb, dissipate and deflect the force of sudden shock and impact, which significantly reduces transmitted force and energy going directly to the back of the hand and fingers in accordance with EN388:2016 Clause 6.6 EN 13594:2015.

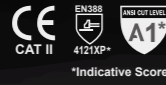
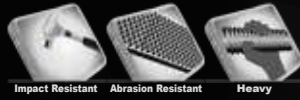
Using our uniquely developed composite hybrid TPR formulation we have been able to increase the protection level offered by standard TPR alone by lowering the transmitted impact force by a further 15% to 30% depending upon mix ratio which can be adjusted to achieve exact performance levels to suit varying applications and industry requirements.

INPAX® S.H.I.E.L.D.S can be custom designed in shape and thickness which can then be applied by either stitching onto the glove exterior or attached directly to the surface using our unique and pioneering bonding process.



INPAX® S.H.I.E.L.D.S

# X-001 | DEFENDER



\*Indicative Score

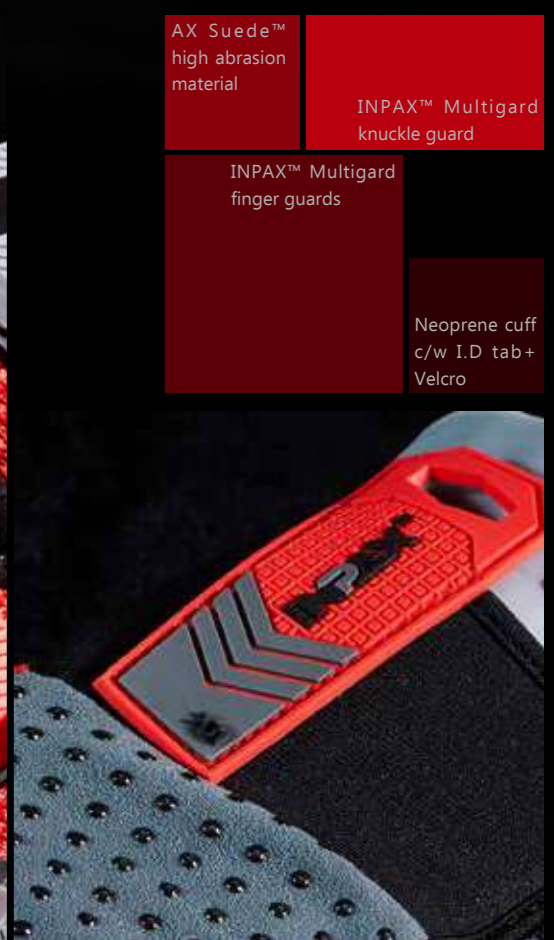
Perfectly balanced and assured fit design with an AX Suede™ extreme abrasion palm c/w PVC dots engineered for durability and long-lasting comfort, protection and grip. Reinforced forefinger and thumb zones add increased longevity. Flexible anti impact guard zones provide full dorsal protection. Comprehensive heavy-duty protection, dexterity and grip for the working professional.

### Key Features:

- ✓ Form fitting, flexible and breathable back c/w retro-reflective visibility belt and piping
- ✓ AX Suede™ ultra-high abrasion synthetic suede palm with raised PVC dots offers durability + enhanced grip
- ✓ INPAX™ 'Multigard' dorsal knuckle & finger exterior protection guards prevent injuries from impacts
- ✓ Compact stretch neoprene cuff c/w I.D pull tab + Velcro adjustable closure for a perfect & secure fit



Featured With:



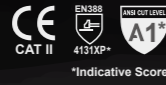
AX Suede™  
high abrasion  
material

INPAX™ Multigard  
knuckle guard

INPAX™ Multigard  
finger guards

Neoprene cuff  
c/w I.D. tab+  
Velcro

# X-002 | VANGUARD



\*Indicative Score

Perfectly balanced and assured fit design with an AX Suede™ extreme abrasion hexagonal grip palm c/w integral spillway depression engineered for durability and long-lasting comfort, protection and moderate wet grip. Reinforced forefinger and thumb zones add increased longevity. Flexible anti impact guard zones provide full dorsal protection. Comprehensive heavy-duty protection, dexterity and all-round grip for the working professional.

### Key Features:

- ✓ Form fitting, flexible and breathable back c/w retro-reflective visibility belt and piping
- ✓ AX Suede™ ultra-high abrasion synthetic hexagonal raised palm for enhanced non-slip grip & fluid channeling
- ✓ INPAX™ 'Multigard' dorsal knuckle & finger exterior protection guards prevent injuries from impacts
- ✓ Compact stretch neoprene cuff c/w I.D pull tab + Velcro adjustable closure for a perfect & secure fit



Featured With:



AX Suede™  
high abrasion  
material

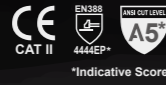
INPAX™ Multigard  
knuckle guard

INPAX™ Multigard  
finger guards

Neoprene cuff  
c/w I.D tab +  
Velcro



# X-003 | BARBARIAN



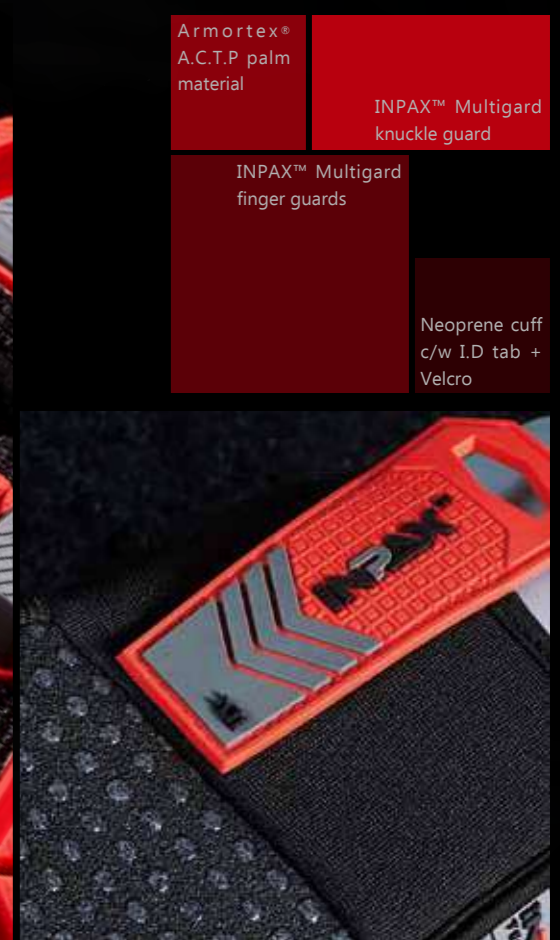
Compact, balanced and assured fit construction with the ultimate high performance single layer palm available, engineered specifically for extreme durability and maximum 'A.C.T.P.' protection in wet, dry, oily and slippery conditions. Kevlar sewn reinforced forefinger and thumb zones add increased longevity. Flexible anti impact guard zones provide full dorsal protection. Unsurpassed all-round protection and grip for the most demanding applications!

### Key Features:

- ✓ Form fitting, flexible and breathable liquid repellent back c/w retro-reflective visibility belt & piping
- ✓ Armortex® engineered composite rough 'n' rugged palm - maximum protection from mechanical risks EN388
- ✓ INPAX™ 'Multigard' dorsal knuckle & finger exterior protection guards prevent injuries from impacts
- ✓ Compact stretch neoprene cuff c/w I.D pull tab + Velcro adjustable closure for a perfect & secure fit
- ✓ 'A.C.T.P.' Abrasion 4, Cut 5, Tear 4, Puncture 4 - palm material score achieved under EN388:2003



Featured With:



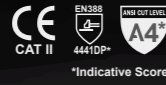
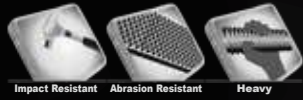
Armortex®  
A.C.T.P. palm  
material

INPAX™ Multigard  
knuckle guard

INPAX™ Multigard  
finger guards

Neoprene cuff  
c/w I.D tab +  
Velcro

# X-005 | SENTINEL



\*Indicative Score

Well-designed, balanced and assured fit drivers glove with a hard-wearing, yet extremely supple premium goatskin external shell construction offering a combination of durability, flexibility and comfort. Completely lined throughout with a comfortable ANSI A4 cut resistant seamless liner for all-round high performance cut & slash protection. Flexible anti impact guard zones provide full dorsal protection. Responsive handling offering all-round protection for the most varied handling & fabrication applications.

### Key Features:

- ✓ Soft, flexible and lightweight grain goat skin exterior, wing thumb & shirred elastic back
- ✓ Full (front/back) proprietary Hybrid Armorgard™ Volkanix A4 cut resistant seamless lining
- ✓ INPAX™ 'Pentagard' dorsal knuckle & finger exterior protection guards prevent injuries from impacts
- ✓ Slip-on style cuff c/w I.D pull tab + Velcro adjustable closure for a perfect & secure fit



Premium grain goat skin	INPAX™ Pentagard knuckle guard
INPAX™ Pentagard finger guards	Hybrid Armorgard™ Volkanix ANSI 4

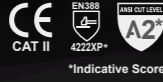


Featured With:





# X-006 | TEMPEST



Waterproof and warm fleece lined construction specifically designed for cold condition operations. An AX Suede™ extreme abrasion palm c/w reinforced finger tips and palm (anti-impact padded) zones offer increased durability and assured grip in wet & light oily conditions. Reinforced forefinger and thumb zones add increased rough grip traction and longevity. Flexible anti impact guard zones provide full dorsal protection. Rugged waterproof protection, warmth and durable handling in harsh elements.

### Key Features:

- ✓ Shaped comfort fit, flexible and breathable back c/w retro-reflective visibility piping & cuff hem
- ✓ 3M™ Thinsulate™ 100g insulation + HIPORA® breathable, waterproof insert for warm dry hands
- ✓ AX Suede™ ultra-high abrasion synthetic suede palm + extra durable & rugged forefinger/thumb areas
- ✓ Impact absorbing INPAX™ XERO palm padding reduces shock & vibration from power/hand tools

- ✓ AX Suede™ GECKO TACK palm/fingertips displace liquid for optimal friction & grip in wet/slippy conditions
- ✓ INPAX™ 'Multigard' dorsal knuckle & finger exterior protection guards prevent injuries from impacts
- ✓ Shirred cuff c/w integral wind blocker for weather resistant warmth & comfort + I.D pull tab

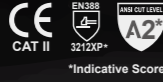
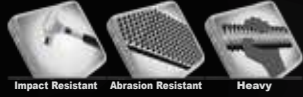
Featured With:



AX Suede™ GECKO TACK material	INPAX™ Pentagard knuckle guard
INPAX™ Pentagard finger guards	Spandex cuff c/w I.D tab + Velcro



# X-007 | TYPHOON



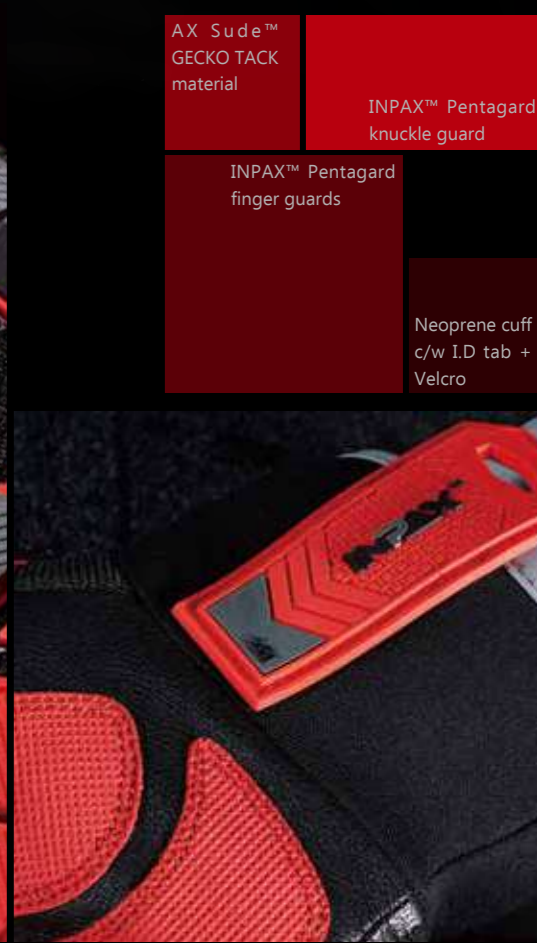
\*Indicative Score

Waterproof and warm fleece lined construction specifically designed for cold condition operations. A hard-wearing, yet extremely supple premium goatskin palm construction offers a combination of durability, mobility and comfort. Reinforced fingers, thumb, saddle and palm zones add increased longevity, grip and traction in wet slippery conditions. Flexible anti impact guard zones provide full dorsal protection. Flexible waterproof protection, warmth and durable handling in harsh elements.

### Key Features:

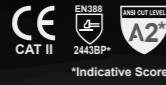
- ✓ Shaped comfort fit, flexible and breathable back c/w retro-reflective visibility piping & cuff hem
- ✓ 3M™ Thinsulate™ 100g insulation + HIPORA breathable, waterproof insert for warm dry hands
- ✓ Soft, flexible and lightweight grain goat skin palm + extra durable & rugged forefinger/thumb areas
- ✓ Soft, flexible and lightweight grain goat skin palm, wing thumb and ¾ fourchettes

- ✓ AX Suede™ GECKO TACK reinforcements displace liquid for optimal friction & grip in wet/slippery conditions
- ✓ INPAX™ 'Multigard' dorsal knuckle & finger exterior protection guards prevent injuries from impacts
- ✓ Neoprene cuff c/w integral wind blocker for weather resistant warmth & comfort + I.D pull tab



AX Suede™ GECKO TACK material	INPAX™ Pentagard knuckle guard
INPAX™ Pentagard finger guards	Neoprene cuff c/w I.D tab + Velcro

# X-009 | VULCAN



\*Indicative Score

Durable and comfortable seamless FR/Cut resistant handling glove with a FR high performance textured palm Neoprene dipped coating that offers essential grip and secure handling in oily and fire risk conditions whilst protecting from cuts and heat. Flexible anti impact guard zones provide full dorsal protection.

### Key Features:

- ✓ Close Fitting, 10g knitted Hybrid Armorgard™ Akore Kevlar / Carbon shell provides superior cut & FR protection
- ✓ Granular cell palm coating delivers maximum grip for oily and heat handling applications
- ✓ INPAX™ Optigard dorsal knuckle & finger exterior guards prevent injuries from impacts
- ✓ Elasticized knitted wrist cuff provides a snug and secure fit



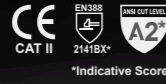
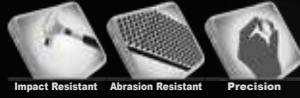
Featured With:



Neoprene FR grip palm	INPAX™ Optigard knuckle guard
INPAX™ Optigard finger guards	Kevlar / Carbon FR & Cut liner



# X-010 | INTERCEPTOR



\*Indicative Score

Contour fit, lightweight, comfortable seamless cut resistant precision handling glove with a superior Polyurethane palm dipped coating that provides essential grip and secure handling in dry conditions whilst protecting from low level cuts and slashes. Flexible lightweight and low profile bonded anti impact guard zones provide dorsal protection.

### Key Features:

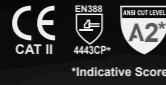
- ✓ Form fitting, 18g knitted composite shell provides superior comfort & cut protection
- ✓ Premium Polyurethane palm coating delivers excellent dry grip and abrasion resistance
- ✓ INPAX™ 'Stealth' dorsal knuckle & finger exterior guards prevent injuries from knocks & bangs
- ✓ Elasticized knitted wrist cuff provides a snug and secure fit
- ✓ Compact stretch neoprene cuff c/w I.D pull tab + Velcro adjustable closure for a perfect & secure



PU dry grip palm	INPAX™ Stealth knuckle guard
INPAX™ Stealth finger guards	Dyneema Diamond A2 liner



# X-011 | LIBERATOR



\*Indicative Score

Durable and comfortable seamless cut resistant handling glove with a high performance textured palm Nitrile dipped coating that offers essential grip and secure handling in wet, oily and slippery conditions whilst protecting from cuts and slashes. Multi independent component piece bonded anti impact guard zones contour and flex with every finger and hand movement to provide unparalleled dorsal protection.

### Key Features:

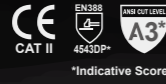
- ✓ Close fitting, 13g knitted composite shell provides superior comfort & cut protection
- ✓ Granular cell palm coating delivers maximum grip for wet and oily handling applications
- ✓ INPAX™ 'Multiflex' dorsal knuckle & finger exterior guards prevent injuries from impacts
- ✓ Elasticized knitted wrist cuff provides a snug and secure fit



Sandy Foam oily grip palm	INPAX™ Multiflex knuckle guard
INPAX™ Multiflex finger guards	Dyneema Diamond A3 liner



# X-012 | CONQUEROR



\*Indicative Score

Durable and comfortable seamless cut resistant handling glove with a high performance textured palm Nitrile dipped coating that offers essential grip and secure handling in wet, oily and slippery conditions whilst protecting from cuts and slashes. Flexible anti impact guard zones provide full dorsal protection.

### Key Features:

- ✓ Close fitting, 13g knitted composite shell provides superior comfort & cut protection
- ✓ Granular cell palm coating delivers maximum grip for wet and oily handling applications
- ✓ INPAX™ 'Optigard' dorsal knuckle & finger exterior guards prevent injuries from impacts
- ✓ Elasticized knitted wrist cuff provides a snug and secure fit



Sandy Foam oily grip palm	INPAX™ Optigard knuckle guard
INPAX™ Optigard finger guards	



