



TECHNICALLY
ENGINEERED
HAND
ARMOURMENT





About Hybrid Armorgard™

Hybrid Armorgard™, a compact group of technically engineered hand armourment, specially developed and created by blending numerous compositions of advanced high performance fibres, innovative materials and manufacturing technologies. Each product group delivers features and benefits to adapt to market and application needs offering essential hand protection predominantly from cuts, slashes, sharp objects and some styles heat also.

UPDATED EN 388 STANDARD

For Protective Gloves Against Mechanical Risks 2016 Edition

The European Standard for Protective Gloves, EN 388, was updated on November 4, 2016 and is now in the process of being ratified by each member country. Glove manufacturers selling in Europe, have two years to comply with the new EN 388 2016 standard. Regardless of this allotted adjustment period, many leading manufacturers will immediately start using revised EN 388 markings on gloves.

New Testing Methods and Scores

The EN 388, similar to ANSI/ISEA 105, is the European standard used to evaluate mechanical risks for hand protection. Gloves with a EN 388 rating are third party tested, and rated for abrasion, cut, tear, and puncture resistance. Cut resistance is rated 1-5, while all other physical performance factors are rated 1-4. Up until now, the EN 388 standard used only the "Coup Test" to test for cut resistance. The new EN 388 2016 standard uses both the "Coup Test" and the "TDM-100 Test" to measure cut resistance for a more accurate score. Also included in the updated standard is a new Impact Protection test.

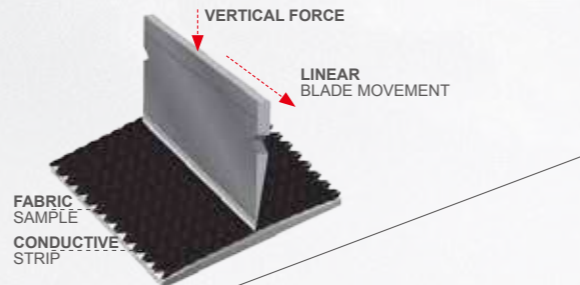
CURRENT MARKING

| Rating | EN388 | NEW MARKING | EN388 |
|-----------------|-------|---------------------------|--------------|
| Abrasion | 1-4 | 1-4 | 1-4 |
| Cut (Coup Test) | 1-5 | 1-5 | 1-5 |
| Tear | 1-4 | 1-4 | 1-4 |
| Puncture | 1-4 | 1-4 | 1-4 |
| | | Cut (TDM-100 Test) | A-F |
| | | Impact Protection | P,F,X |

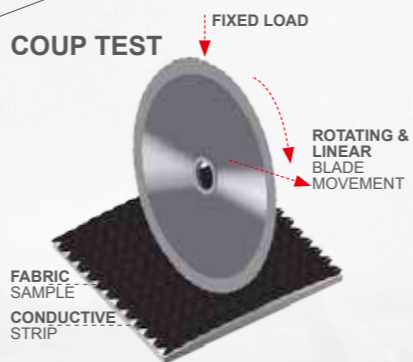
Two Testing Methods for Cut

As discussed above, the most significant change to the EN 388 2016 standard is the formal inclusion of the ISO 13997 cut test method. ISO 13997, also known as the "TDM-100 Test" is similar to the ASTM F2992-15 test method used in the ANSI 105 standard. Both standards will now make use of the TDM machine with the sliding blade and weights. After many years with differing testing methods it was found that the blade used in the "Coup Test" would dull quickly when testing yarns with high levels of glass and steel fibers. This resulted in unreliable cut scores, so the need for including the "TDM-100 Test" to the new EN 388 2016 standard was strongly supported.

TDM-100 TEST

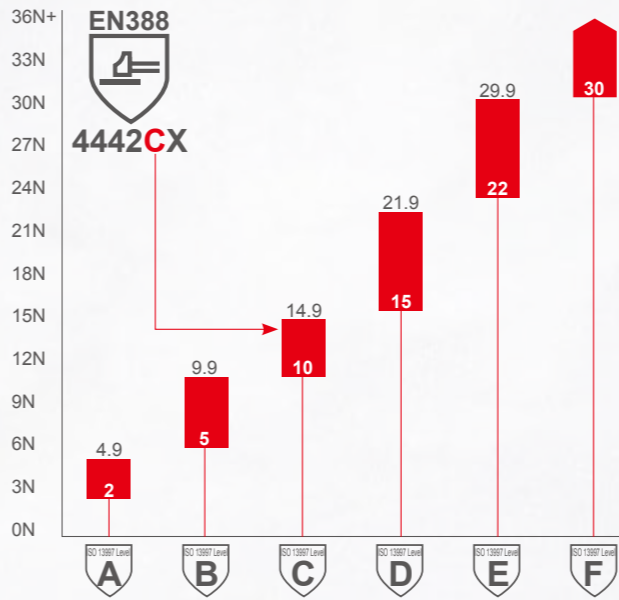


COUP TEST



Understanding the ISO 13997 Test Method (TDM-100 Test)

To differentiate between the two cut scores that will be generated under the new EN 388 2016 standard, the cut score achieved using the ISO 13997 test method will have a letter added to the end of the first four digits. The letter assigned will depend on the result of the test, which will be given in Newtons. The table to the left outlines the new alpha scale used to calculate the results from the ISO 13997 test method.



Newton to Gram Conversion

Safety-INXS has been testing all of its cut resistant gloves with the TDM-100 machine since 2008, which is (and has been) compliant with the new test method, enabling us to easily convert to the new the EN 388 2016 standard. The table to the right illustrates how the new EN 388 2016 standard is now in-line with the ANSI/ISEA 105 standard for cut resistance when converting Newtons to grams.



| EN388 RATING | RANGE (WEWTONS) | CONVERTED RANGE(GARMS) | ANSI / ISEA 105 LEVEL | RANGE (GRAMS) |
|--------------|-----------------|------------------------|-----------------------|---------------|
| A | 2 - 4.9 | 204 - 508 | A1 | 200 - 499 |
| B | 5 - 9.9 | 509 - 1,079 | A2 | 500 - 999 |
| C | 10 - 14.9 | 1,020 - 1,529 | A3 | 1,000 - 1,499 |
| D | 15 - 21.9 | 1,530 - 2,242 | A4 | 1,500 - 2,199 |
| E | 22 - 29.9 | 2,243 - 3,058 | A5 | 2,200 - 2,999 |
| F | 30 + | 3,059 + | A6 | 3,000 - 3,999 |
| - | - | - | A7 | 4,000 - 4,999 |
| - | - | - | A8 | 5,000 - 5,999 |
| - | - | - | A9 | 6,000 + |

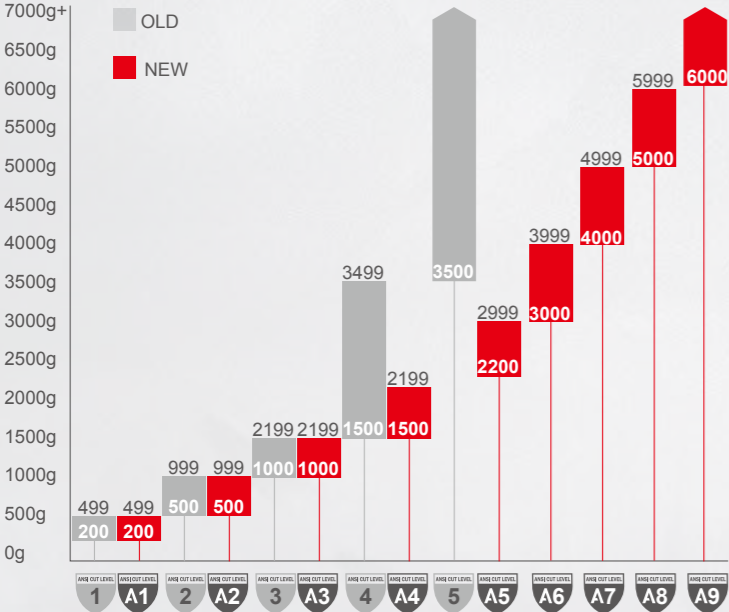
UPDATED ANSI STANDARD

For Cut Resistance ANSI/ISEA 105 (2016 edition)

The American National Standards Institute (ANSI) has released a new edition of the ANSI/ISEA 105 standard (2016 ed.). The changes include new classification levels, which includes a new scale to determine cut score (commonly referred to as the ANSI cut score), and a revised method for testing gloves to the standard.

New Scale to Determine Cut Scores

The new ANSI standard now features nine cut levels significantly reducing the gaps between each level and better defining protection levels for the cut resistant gloves and sleeves with the highest gram scores. The graph below shows the differences between the old scale and the new scale. New ANSI cut scores will feature an "A" in front of the score.



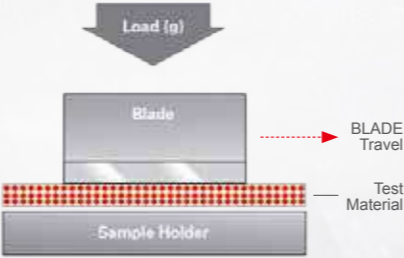
New Testing Standard

The new edition of the ANSI/ISEA 105 Standard (2016 ed.) also outlines a new test method for determining the new cut scores. The new ASTM F2992-15 test method allows for only one type of machine to be used, the TDM-100. Under the previous ANSI standard, the old test method ASTM F1790-05, the testing could be performed on either the TDM-100 machine or the CPPT machine. By ensuring uniform testing with one machine, it is easier to compare gram scores for a given material.



Understanding ASTM F2992-15 Test Methods

The sample is cut by a straight-edge blade, under load, that moves along a straight path. The sample is cut five times each at three different loads with a new blade for each cut and the data is used to determine the required load to cut through the sample at a specified reference difference. This is referred to as the cutting force, which is then equated to a cut level.





Hi-Tenacity Technology

Versatile, cost effective high performance cut resistant composite yarn(s) constructed and structured around the foundation of high tenacity industrial Polyester to offer extreme durability and toughness. Variants of industry recognized high strength composite yarns/fibres are selectively blended within the HTF backbone to offer increased cut and abrasion resistance for varying applications and industries.

10TEX

T-2005

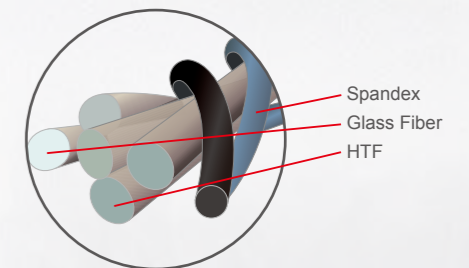
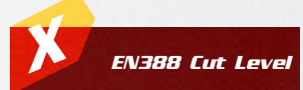
ECONOMY ✓
STANDARD
PREMIUM



BLADEX® Economy, Grey Polyurethane dry grip palm, HA 10TEX HTF / Glass cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ 10TEX 13GG 10TEX HTF / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



T-2007

ECONOMY
STANDARD
PREMIUM



BLADEX® Economy, Grey Polyurethane dry grip palm, HA 10TEX HTF / HPPE / Glass / Steel cut resistant Welterweight liner. Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ 10TEX 13GG 10TEX HTF / HPPE / Glass / Steel liner offers EN388:2016 Level X / ISO13997 level E and ASTM F2992-15 Level 5 cut protection
- ✓ U2 double layers knitted liner
- ✓ Flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



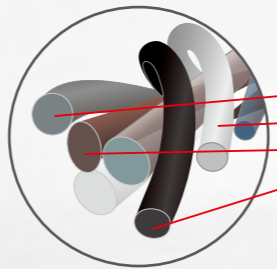
ANSI Cut Level



EN388 Cut Level

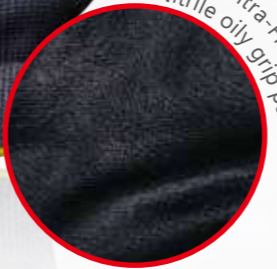


ISO13997 Cut Level



Spandex
Steel
Glass Fiber
HTF

T-5000



Black Ultra-Fine Foam Nitrile oily grip palm

T-5001



Black dual fusion Nano Nitrile oily grip palm





T-3000

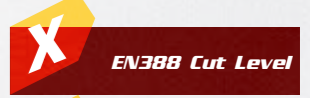
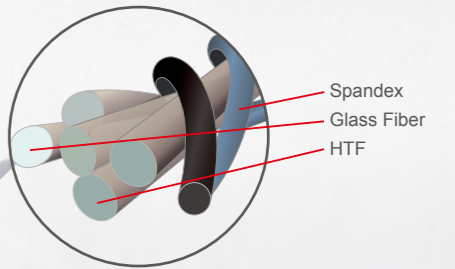
ECONOMY ✓
STANDARD
PREMIUM



BLADEX® Economy, Thumb Slot, HA 10TEX HTF / Glass cut resistant Welterweight 45cm sleeve. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ 10TEX 13GG 10TEX HTF / Glass liner offers EN388:2016 Level 3 / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Provide forearm extra cut protection from sharp objects
- ✓ Variable size options





Consistent Cut Resistance

HPPE (UHMWPE) fibres (manufactured using German PE resin resulting in higher molecular and polymerization stability and denier consistency) are precisely blended, wrapped and knitted in a unique process predominantly with glass fibre to achieve exacting high levels of affordable cut resistance.

BLADEX

B-2007

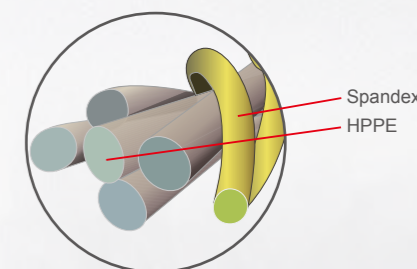
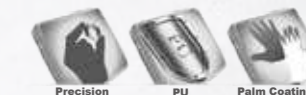
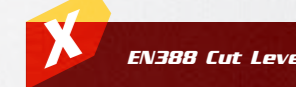
ECONOMY
STANDARD ✓
PREMIUM



BLADEX® Standard, Grey Polyurethane dry grip palm, HA BladeX HPPE cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 13GG HPPE liner offers EN388:2016 Level 3 / ISO13997 level B and ASTM F2992-15 Level 2 cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



B-2008
ECONOMY
STANDARD
PREMIUM



BLADEX® Standard, Grey Polyurethane dry grip palm, HA BladeX HPPE / Glass cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

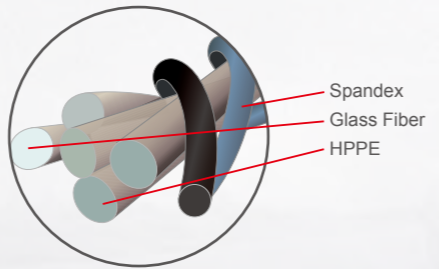
- ✓ Hybrid Armorgard™ BladeX 13GG HPPE liner offers EN388:2016 Level 3 / ISO13997 level B and ASTM F2992-15 Level 2 cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



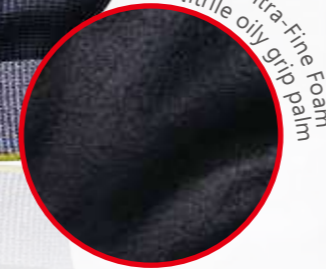
3 ANSI Cut Level

X EN388 Cut Level

G ISO13997 Cut Level



B-5002



Black Ultra-Fine Foam Nitrile oily grip palm

B-5003



Black dual fusion Nano oily grip palm



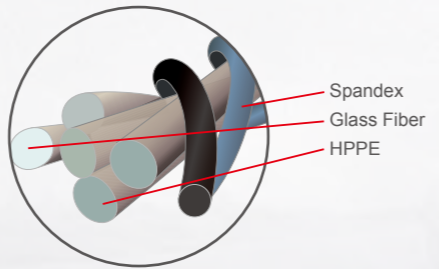
B-7000
ECONOMY
STANDARD
PREMIUM



BLADEX® Standard, Grey Split Cow Leather Palm, HA BladeX HPPE / Glass cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 13GG HPPE / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Foam Nitrile palm coating for great abrasion resistance
- ✓ Split Cow Leather palm and fingertips provide great abrasion resistance and puncture resistance
- ✓ Finger tip cut design let fingers have sensitive touch meanwhile have coating protection
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



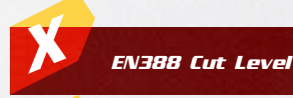
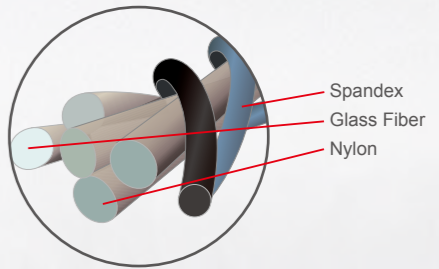
N10658E
ECONOMY
STANDARD
PREMIUM



BLADEX® Economy, Grey Polyurethane dry grip palm, HA BladeX Nylon / Glass cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 13GG Nylon / Glass liner offers EN388:2016 Level 3 / ISO13997 level B and ASTM F2992-15 Level B cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



B-2006

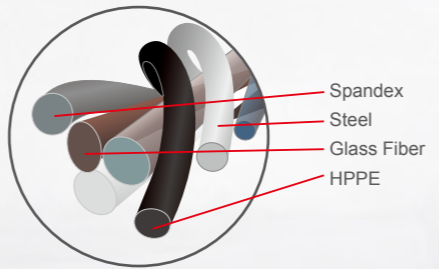
ECONOMY
STANDARD
PREMIUM



BLADEX® Economy, Grey Polyurethane dry grip palm, HA BladeX HPPE / Glass / Steel cut resistant Welterweight liner. Medium & Heavy Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 13GG HPPE / Glass / Steel liner offers EN388:2016 Level X / ISO13997 level F and ASTM F2992-15 Level 6 cut protection
- ✓ U2 double layers knitted liner
- ✓ Flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



6 ANSI Cut Level

X EN388 Cut Level

F ISO13997 Cut Level



B-5005



Black Ultra-Fine Foam Nitrile oily grip palm

B-5006



Black dual fusion Nano oily grip palm

B-5007



Black dual fusion Nano oily grip Knuckle



B-2009

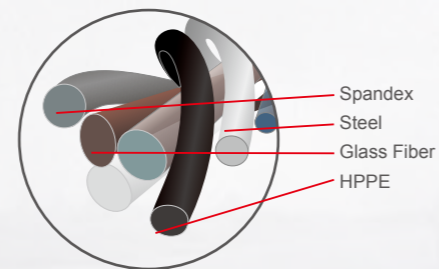
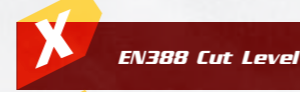
ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Gray Polyurethane dry grip palm, HA BladeX HPPE / Glass / Steel cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 18GG HPPE / Glass / Steel liner offers EN388:2016 Level X / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



B-5008



B-5009



B-5010





B-4001

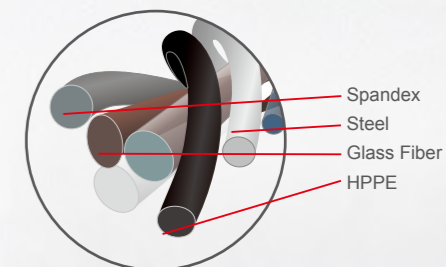
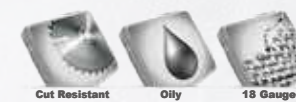
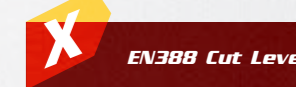
ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Black Micro Foam Nitrile oily grip palm, HA BladeX HPPE / Glass / Steel cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 18GG HPPE / Glass / Steel liner offers EN388:2016 Level 3 / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Micro Foam Nitrile palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry/oily conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



N10658

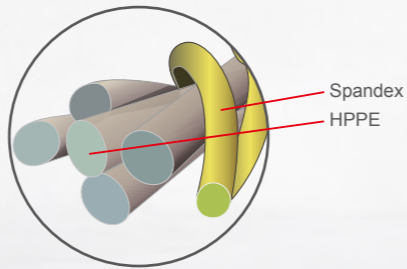
ECONOMY
STANDARD ✓
PREMIUM



BLADEX® Standard, Grey Polyurethane dry grip palm, HA BladeX HPPE cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 13GG HPPE liner offers EN388:2016 Level X / ISO13997 level B and ASTM F2992-15 Level 2 cut protection
- ✓ Very flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



2 ANSI Cut Level

X EN388 Cut Level

B ISO13997 Cut Level



N10590

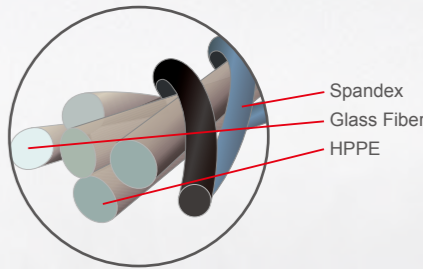
ECONOMY
STANDARD ✓
PREMIUM



BLADEX® Standard, Grey Polyurethane dry grip palm, HA BladeX HPPE / Glass cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ BladeX 13GG HPPE / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Very flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level



N10811

ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Black Ultra-Fine Foam Nitrile oily grip palm, HA BladeX HPPE / Glass cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

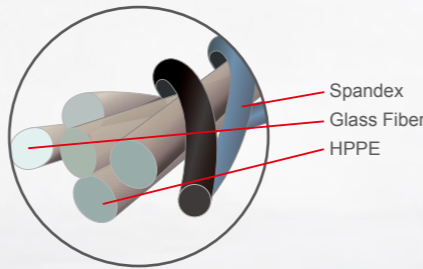
- ✓ Hybrid Armorgard™ BladeX 18GG HPPE / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ U2 double layers knitted liner
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Foam Nitrile palm coating for great abrasion resistance
- ✓ Ideal for precision handling in oily conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level



ST58122F

ECONOMY
STANDARD ✓
PREMIUM



BLADEX® Standard, Thumb Slot, HA BladeX HPPE / Glass cut resistant Welterweight 45cm sleeve. Light & Medium Cut Protection.

Characteristics:

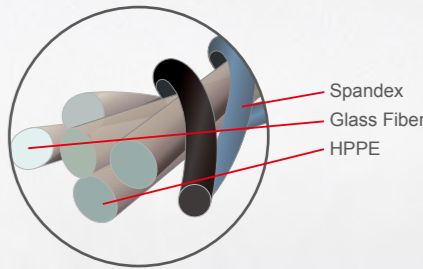
- ✓ Hybrid Armorgard™ BladeX 13GG HPPE / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Provide forearm extra cut protection from sharp objects
- ✓ Adjustable velcro for flexible fit
- ✓ Variable size options



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level





Rock Solid Cut Resistance

Specially engineered inert natural fibres of a crystalline structure that are stronger and more stable than alternative mineral and glass fibres, combined with our unique formulation of technical high performance fibres are wrapped and knitted in the fabrication of VOLKANIX. This results in a light yet high mechanical strength glove with superior cut resistance characteristics, protection and durability without the stiffness and/or skin irritation associated with steel and glass fibres.

VOLKANIX

V-4003

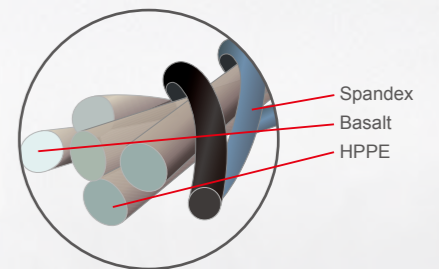
ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Black Micro Foam dry / oily grip palm, HA Volkanix HPPE / Basalt cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Volkanix 18GG HPPE / Basalt liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ U2 double layers knitted liner
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Micro Foam Nitrile palm coating for extreme abrasion resistance
- ✓ Ideal for precision handling in dry/oily conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



V-2003

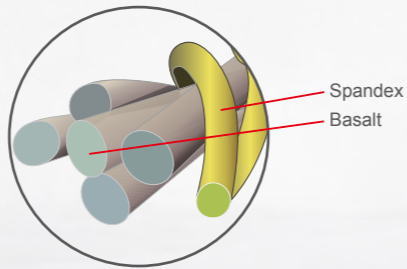
ECONOMY
STANDARD
PREMIUM



BLADEX® Economy, Grey Polyurethane dry grip palm, HA Volkanix Polyester / Basalt cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Volkanix 18GG Polyester / Basalt liner offers EN388:2016 Level X / ISO13997 level B and ASTM F2992-15 Level 3 cut protection
- ✓ U2 double layers knitted liner
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



2 ANSI Cut Level

X EN388 Cut Level

B ISO13997 Cut Level



V-5005



V-5003



V-2006

ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Gray Polyurethane dry grip palm, HA Volkanix HPPE / Basalt cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

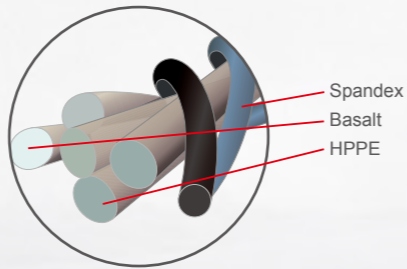
- ✓ Hybrid Armorgard™ Volkanix 18GG HPPE / Basalt liner offers EN388:2016 Level X / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



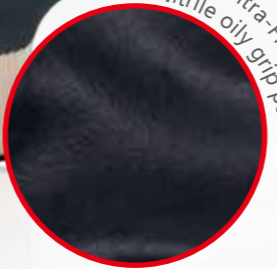
4 ANSI Cut Level

3 EN388 Cut Level

D ISO13997 Cut Level



V-5012



V-5013



V-2001
ECONOMY
STANDARD ✓
PREMIUM



BLADEX® Standard, Gray Polyurethane dry grip palm, HA Volkanix HPPE / Basalt cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

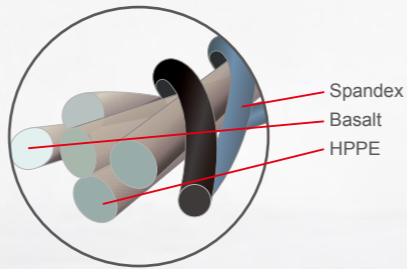
- ✓ Hybrid Armorgard™ Volkanix 13GG HPPE / Basalt liner offers EN388:2016 Level X / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ Glass free and enhanced cut resistant protection
- ✓ Very flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



4 ANSI Cut Level

X EN388 Cut Level

D ISO13997 Cut Level



V-5006

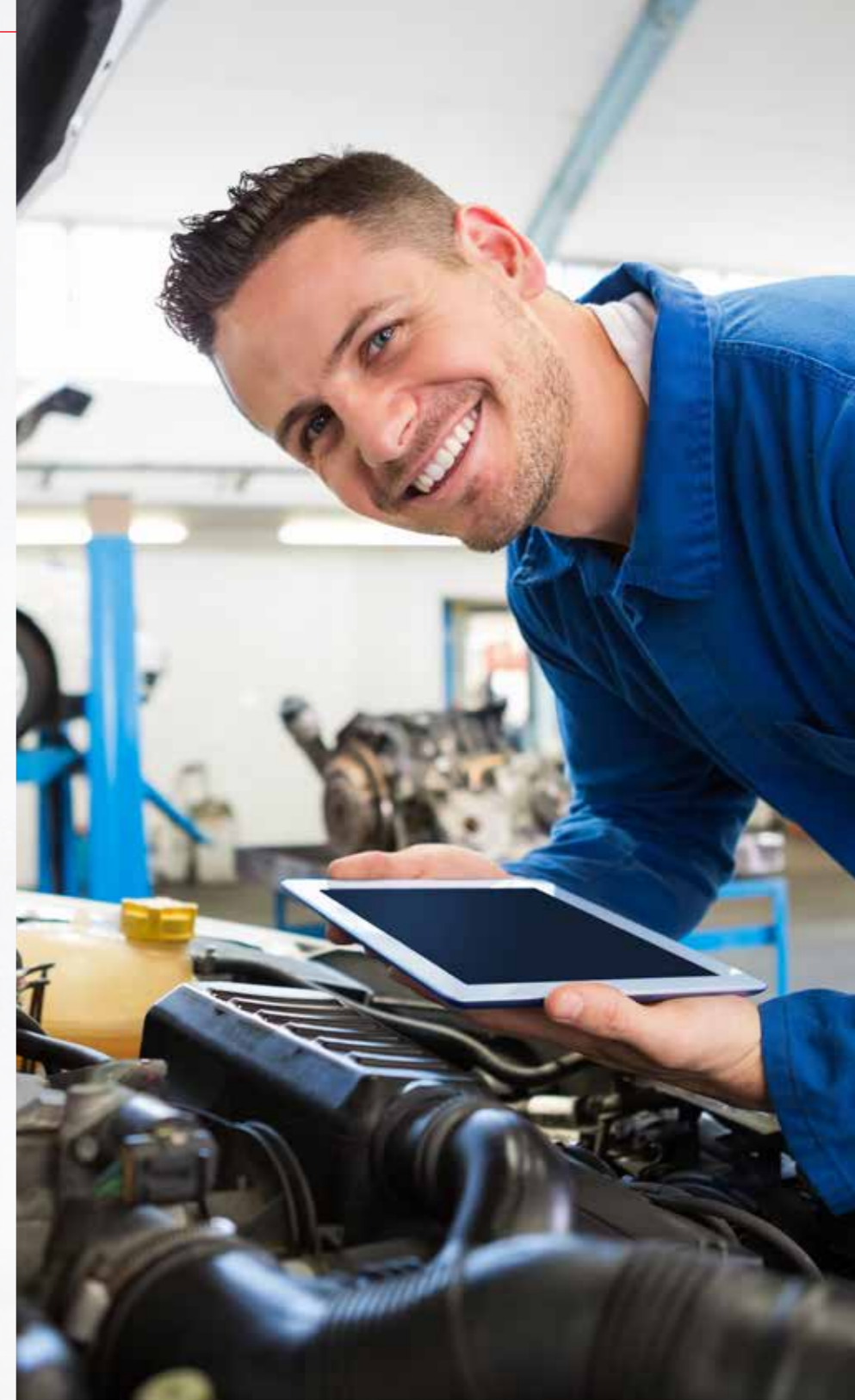


Black Ultra-Fine Foam Nitrile oily grip palm

V-5000



Black Nano grip oily palm





V-3000

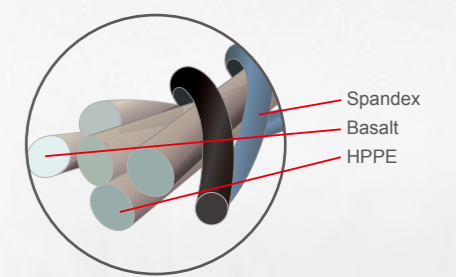
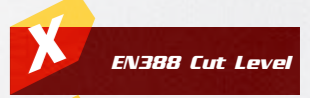
ECONOMY
STANDARD ✓
PREMIUM



BLADEX® Standard, Thumb slot, HA Volkanix HPPE / Basalt cut resistant Welterweight 45cm sleeve. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Volkanix 13GG HPPE / Basalt sleeve offers EN388:2016 Level X / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ U2 double layers knitted comfort fit sleeve
- ✓ Glass free and enhanced cut resistant protection
- ✓ Very flexible, dexterous & comfortable fit
- ✓ Provide forearm extra cut protection from sharp objects
- ✓ Adjustable velcro for flexible fit
- ✓ Variable size options





Silk-Like Steel

An innovative, technically advanced formulation of HPPE impregnated at a primary level with progressive anti cut/abrasion resistant compounds resulting in a higher, more consistent extruded cut resistant fibre that offers a softer/smooth hand feel than comparable fibres/yarns. Graphyne's natural cut resistance level can be further augmented by blending with selective compositions of more traditional strengthening fibres.

GRAPHYNE

G-2001

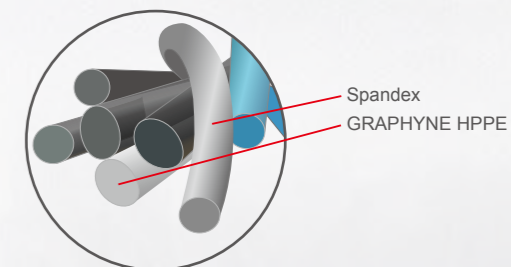
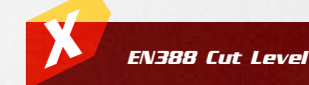
ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Gray Polyurethane dry grip palm, HA Graphyne G-HPPE cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Graphyne 18GG G-HPPE liner offers EN388:2016 Level X / ISO13997 level B and ASTM F2992-15 Level 2 cut protection
- ✓ U2 double layers knitted liner
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for precision handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



G-2002

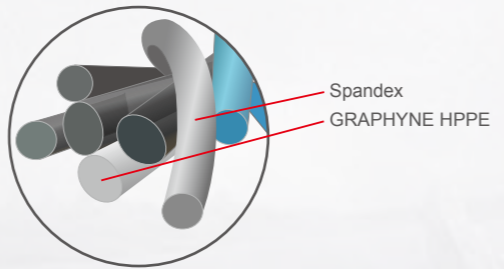
ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Black Micro Foam Nitrile dry / oily grip palm, HA Graphyne G-HPPE cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Graphyne 18GG G-HPPE liner offers EN388:2016 Level X / ISO13997 level B and ASTM F2992-15 Level 2 cut protection
- ✓ U2 double layers knitted liner
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Micro Foam Nitrile palm coating for extreme abrasion resistance
- ✓ Ideal for precision handling in dry/oily conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



G-5002



G-5003



G-2000

ECONOMY
STANDARD
PREMIUM ✓



BLADEX® Premium, Gray Polyurethane dry grip palm, HA Graphyne G-HPPE cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

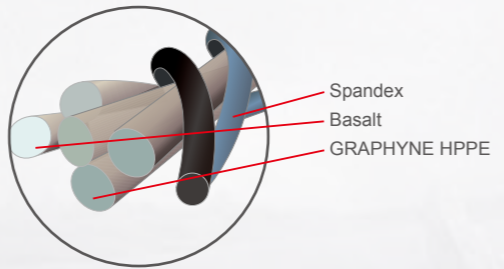
- ✓ Hybrid Armorgard™ Graphyne 13GG G-HPPE liner offers EN388:2016 Level 3 / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ U2 double layers knitted liner
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Polyurethane palm coating for great abrasion resistance
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



4 ANSI Cut Level

X EN388 Cut Level

D ISO13997 Cut Level



G-5000



Black Ultra-Fine Foam Nitrile oily grip palm

G-5001



Black Nano grip oily palm





Aramid Upgraded

A progressive multi-faceted performance yarn, engineered and constructed with a proprietary staple aramid at its core, further enhanced with additional high-performance FR and cut resistant fibre technology. AKORE technology gloves provide flame retardant thermal protection with superior comfort, increased cut resistance and higher abrasion durability over traditional para-aramid.

N10672

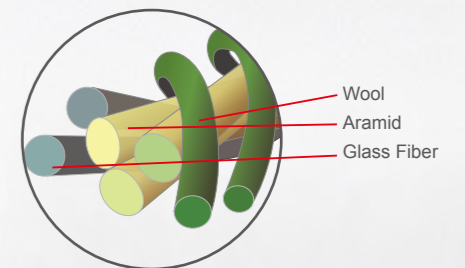
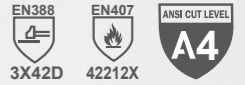
ECONOMY
STANDARD
PREMIUM ✓



K-INXS® Premium, Black FR Nano Neoprene wet / oily grip palm, HA Akore Aramid / Wool / Glass cut resistant Welterweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Akore 10GG Aramid / Wool / Glass liner offers EN388:2016 Level X / ISO13997 level D and ASTM F2992-15 Level 4
- ✓ Hybrid Armorgard™ Akore 10GG Aramid / Wool / Glass liner offers EN407:2004 Level 4 burning behaviour and F26275F / 26275M_13 ATPV 9.7 cal/cm2
- ✓ Flexible, dexterous & comfortable fit
- ✓ Fire resistant Sandy Neoprene palm coating for great abrasion
- ✓ Coating Option- Single / Double Sandy Foam coating
- ✓ Ideal for general handling in oily and Electrical Hazard conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



AKORE

A-5001

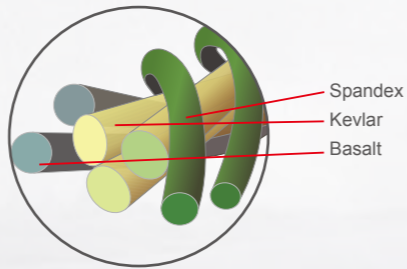
ECONOMY
STANDARD
PREMIUM ✓



K-INXS® Premium, Black Nano Nitrile oily grip palm, HA Akore Kevlar / Basalt cut resistant Flyweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Akore 18GG Kevlar / Basalt liner offers EN388:2016 Level X / ISO13997 level D and ASTM F2992-15 Level 4 cut protection
- ✓ Glass free and enhanced cut resistant protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Sandy Foam Nitrile palm coating for great abrasion resistance
- ✓ Coating Option- Single / Double Sandy Foam coating
- ✓ Ideal for precision handling in oily conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



4 ANSI Cut Level

X EN388 Cut Level

D ISO13997 Cut Level



A-5000

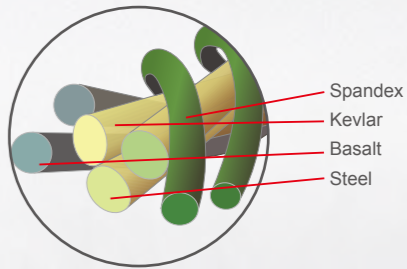
ECONOMY
STANDARD
PREMIUM ✓



K-INXS® Premium, Black Nano Nitrile oily grip palm, HA Akore Kevlar / Basalt / Steel cut resistant Welterweight liner. Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Akore 13GG Kevlar / Basalt / Steel liner offers EN388:2016 Level X / ISO13997 level E and ASTM F2992-15 Level 5 cut protection
- ✓ Glass free and enhanced cut resistant protection
- ✓ Very flexible, dexterous & comfortable fit
- ✓ Sandy Foam Nitrile palm coating for great abrasion resistance
- ✓ Coating Option- Single / Double Sandy Foam coating
- ✓ Ideal for general handling in oily conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



5 ANSI Cut Level

X EN388 Cut Level

E ISO13997 Cut Level



ST58106K

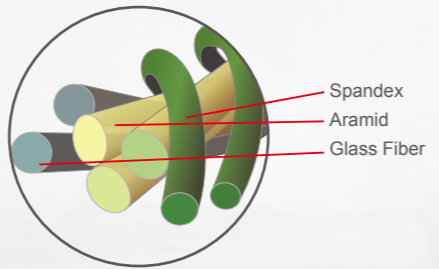
ECONOMY
STANDARD
PREMIUM



K-INXS® Economy, Uncoated style, HA Akore Aramid / Glass cut resistant Heavyweight + liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Akore 7GG Aramid / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Hybrid Armorgard™ Akore 7GG Aramid/Glass liner offers EN407 heat contact level 1 cut / heat protection
- ✓ Knitted reinforced crotch improve durability
- ✓ Flexible, dexterous & comfortable fit
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level



ST58107K



ST58116K



ST58110K

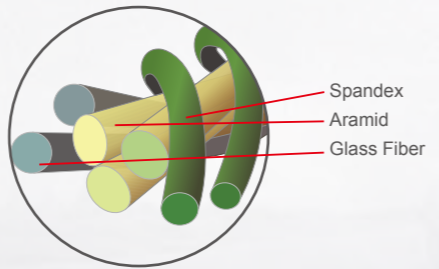
ECONOMY ✓
STANDARD
PREMIUM



K-INXS® Economy, Grey split Cow Leather palm, HA Akore Aramid / Glass cut resistant Cruiserweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Akore 10GG Aramid / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Hybrid Armorgard™ Akore 10GG Aramid/Glass liner offers EN407 heat contact level 1 cut / heat protection
- ✓ Split cow leather palm for great abrasion resistance
- ✓ Flexible, dexterous & comfortable fit
- ✓ Ideal for general handling in dry conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level



L22211K

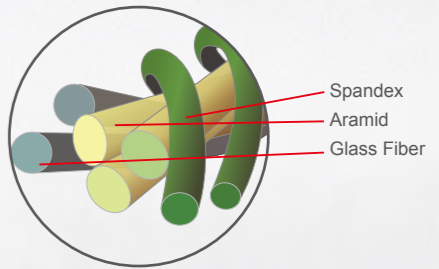
ECONOMY ✓
STANDARD
PREMIUM



K-INXS® Economy, Blue Crinkle Latex palm, HA Akore Aramid / Glass cut resistant Cruiserweight liner. Light & Medium Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Akore 10GG Aramid / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Hybrid Armorgard™ Akore 10GG Aramid/Glass liner offers EN407 heat contact level 1 cut / heat protection
- ✓ Crinkle Latex palm coating for great abrasion resistance
- ✓ Flexible, dexterous & comfortable fit
- ✓ Ideal for general handling in wet conditions
- ✓ Additional option- Dual colors elasticated knit wrist for size identification



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level





ST58113E

ECONOMY ✓
STANDARD
PREMIUM



K-INXS® Economy, Thumb slot, HA Akore Aramid cut resistant Cruiserweight 36cm sleeve. Light & Medium Cut Protection.

Characteristics:

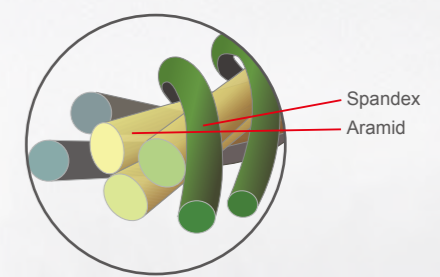
- ✓ Hybrid Armorgard™ Akore 10GG Aramid / Glass liner offers EN388:2016 Level X / ISO13997 level B and ASTM F2992-15 Level 2 cut protection
- ✓ Hybrid Armorgard™ Akore 10GG Aramid/Glass liner offers EN407 heat contact level 1 cut / heat protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Provide forearm extra cut protection from sharp objects
- ✓ Adjustable velcro for flexible fit
- ✓ Variable size options



2 ANSI Cut Level

X EN388 Cut Level

B ISO13997 Cut Level



ST58125K

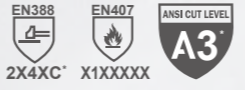
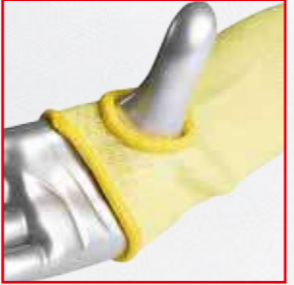
ECONOMY ✓
STANDARD
PREMIUM



K-INXS® Economy, Thumb slot, HA Akore Aramid / Glass cut resistant Heavyweight + 45cm sleeve. Light & Medium Cut Protection.

Characteristics:

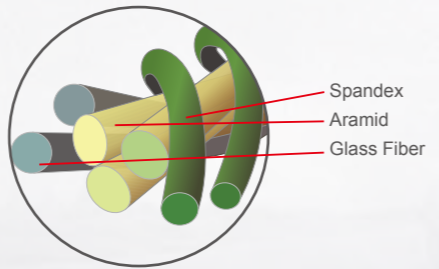
- ✓ Hybrid Armorgard™ Akore 7GG Aramid / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Hybrid Armorgard™ Akore 7GG Aramid/Glass liner offers EN407 heat contact level 1 cut / heat protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Provide forearm extra cut protection from sharp objects
- ✓ Adjustable velcro for flexible fit
- ✓ Variable size options



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level



ST58113K

ECONOMY ✓
STANDARD
PREMIUM



K-INXS® Economy, HA Akore Aramid / Glass cut resistant Heavyweight + 15cm sleeve. Light & Medium Cut Protection.

Characteristics:

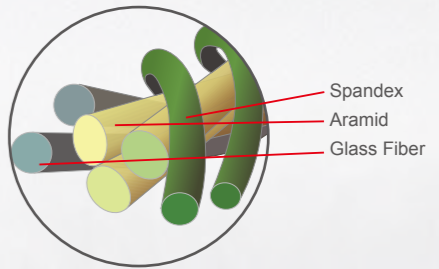
- ✓ Hybrid Armorgard™ Akore 7GG Aramid / Glass liner offers EN388:2016 Level X / ISO13997 level C and ASTM F2992-15 Level 3 cut protection
- ✓ Hybrid Armorgard™ Akore 7GG Aramid/Glass liner offers EN407 heat contact level 1 cut / heat protection
- ✓ Flexible, dexterous & comfortable fit
- ✓ Provide forearm extra cut protection from sharp objects
- ✓ Variable size options



3 ANSI Cut Level

X EN388 Cut Level

C ISO13997 Cut Level





Advance oily grip coating solutions

NITRIUMX is an advanced textured coating mix offers excellent grip in dry/oily conditions for precision and general purpose handling. Tested by the most tough grip / abrasion tests and trials. Liner are carefully chosen from our Hybrid Armorgard™ technology for ergonomic comfort fit. From this preciseness manufacturing process gives work professionals a day to day reliable hand protection grip solutions.

NITRIUMX

N10584

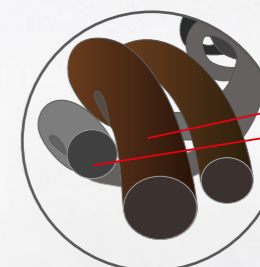
ECONOMY
STANDARD
PREMIUM ✓



NITRIUMX® Premium, Black Flat Nitrile Fully + Nano Nitrile oily grip palm, HA Nitriumx Nylon / Spandex Welterwegiht liner. Light Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Nitriumx 13GG Nylon / Spandex liner offers EN388:2016 Level X / ISO13997 level A and ASTM F2992-15 Level 1 cut protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Flat Nitrile knuckle for extreme oil resistance on the back of hand
- ✓ Sandy Foam Nitrile palm coating for extreme abrasion resistance
- ✓ Ideal for precision handling in dry / oily conditions



ナイロン
スパンデックス

N10818

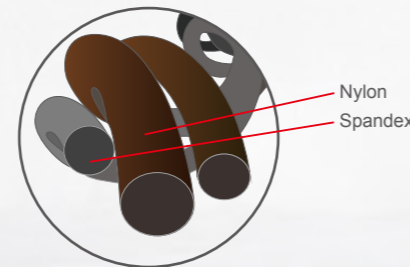
ECONOMY
STANDARD ✓
PREMIUM



NITRIUMX® Standard, Black Micro Foam Nitrile dry / oily grip palm, HA Nitrilum Nylon/Spandex Lightweight liner. Light Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Nitrilum 15GG Nylon / Spandex liner offers EN388:2016 Level X / ISO13997 level A and ASTM F2992-15 Level 1 cut protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Micro Foam Nitrile palm coating for extreme abrasion resistance
- ✓ Ideal for precision handling in dry/oily conditions



N10580AD



FLX-008



FLX-002



FLX-009

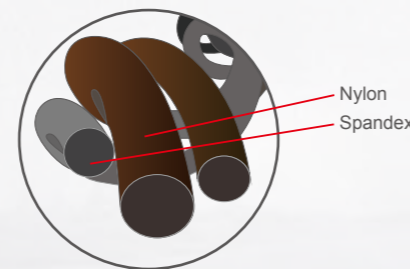
ECONOMY
STANDARD
PREMIUM ✓



NITRIUMX® Premium, Black Micro Foam Nitrile dry / oily grip palm, HA Nitriumx Nylon / Spandex Flyweight liner. Light Cut Protection.

Characteristics:

- ✓ Hybrid Armorgard™ Nitriumx 18GG Nylon / Spandex liner offers EN388:2016 Level X / ISO13997 level A and ASTM F2992-15 Level 1 cut protection
- ✓ Extremely flexible, dexterous & comfortable fit
- ✓ Micro Foam Nitrile palm coating for extreme abrasion resistance
- ✓ Ideal for precision handling in dry/oily conditions



N10824



Black Nano Nitrile oily grip palm

N10824H



Black Flat Nitrile knuckle + Nano Nitrile oily grip palm





| | CAT | ITEM NUMBER | EN388: 2016 | ISO13997 | ANSI: F2992-15 | PAGE |
|--------------|-------------|-------------|-------------|----------|----------------|------|
| Glove Index | HA 10TEX | T-2005 | X | C | A3 | 07 |
| | | T-2007 | X | E | A5 | 08 |
| | | T-5000 | X | E | A5 | 09 |
| | | T-5001 | X | E | A5 | 09 |
| | HA BladeX | B-2007 | X | B | A2 | 13 |
| | | B-2008 | X | C | A3 | 14 |
| | | B-5002 | X | C | A3 | 15 |
| | | B-5003 | X | C | A3 | 15 |
| | | B-7000 | X | C | A3 | 16 |
| | | N10658E | X | B | A2 | 17 |
| | | B-2006 | X | F | A6 | 18 |
| | | B-5005 | X | F | A6 | 19 |
| | | B-5006 | X | F | A6 | 19 |
| | | B-5007 | X | F | A6 | 19 |
| | | B-2009 | X | D | A4 | 20 |
| | | B-5008 | X | D | A4 | 21 |
| | | B-5009 | X | D | A4 | 21 |
| | | B-5010 | X | D | A4 | 21 |
| | B-4001 | X | D | A4 | 23 | |
| | N10658 | X | B | A2 | 24 | |
| | N10590 | X | C | A3 | 25 | |
| | N10811 | X | C | A3 | 26 | |
| | HA Vulkanix | V-4003 | X | C | A3 | 29 |
| | | V-2003 | X | B | A2 | 30 |
| | | V-5005 | X | B | A2 | 31 |
| | | V-5003 | X | B | A2 | 31 |
| V-2006 | | 3 | D | A4 | 32 | |
| V-5012 | | 3 | D | A4 | 33 | |
| V-5013 | | 3 | D | A4 | 33 | |
| V-2001 | | X | D | A4 | 34 | |
| V-5006 | | X | D | A4 | 35 | |
| V-5000 | | X | D | A4 | 35 | |
| HA Graphyne | G-2001 | X | B | A2 | 39 | |
| | G-2002 | X | B | A2 | 40 | |
| | G-5002 | X | B | A2 | 41 | |
| | G-5003 | X | B | A2 | 41 | |
| | G-2000 | X | D | A4 | 42 | |
| | G-5000 | X | D | A4 | 43 | |
| HA Akore | G-5001 | X | D | A4 | 43 | |
| | N10672 | X | D | A4 | 45 | |
| | A-5001 | X | D | A4 | 46 | |
| HA Nitriumx | A-5000 | X | E | A5 | 47 | |
| | ST58106K | X | C | A3 | 48 | |
| | ST58107K | X | C | A3 | 49 | |
| | ST58116K | X | C | A3 | 49 | |
| | ST58110K | X | C | A3 | 50 | |
| Sleeve Index | L22211K | X | C | A3 | 51 | |
| | N10584 | 1 | X | A1 | 57 | |
| | N10818 | 1 | X | A1 | 58 | |
| | N10580AD | 1 | X | A1 | 59 | |
| | FLX-008 | 1 | X | A1 | 59 | |
| | FLX-002 | 1 | X | A1 | 59 | |
| | FLX-009 | 1 | X | A1 | 60 | |
| | N10824 | 1 | X | A1 | 61 | |
| | N10824H | 1 | X | A1 | 61 | |
| | HA 10TEX | T-3000 | X | C | A3 | 11 |
| HA BladeX | ST58122F | X | C | A3 | 27 | |
| HA Vulkanix | V-3000 | X | D | A4 | 37 | |
| HA Akore | ST58113E | X | B | A2 | 53 | |
| | ST58125K | X | C | A3 | 54 | |
| | ST58113K | X | C | A3 | 55 | |

* Indicative scores are based on in-house testing

Coating Type

Nitrile PU Latex

Split Cow Leather Armortex Palm Neoprene

Handling

Oily Heat General

DRY Wet Precision

Condition

FEATURED ICONS

Others

Breathable Touch Screen Hi-Viz

Coated Area

Cut Resistant Palm Coating Palm Coating

Protection

Abrasion Resistant

Gauge

7 Gauge 10 Gauge 13 Gauge 15 Gauge 18 Gauge



SAFETY INXS
THE ADVANCEMENT OF HAND PROTECTION