

EISEN-PROTEQ.COM

TECHNICUT

EW2225 Dyneema Diamond 2.0 Ultra-Thin Metal Free PU Coated Cut Resistant Glove



EISEN TECHNICUT DYNEEMA DIAMOND 2.0 EW2225 ULTRA-THIN METAL FREE PU COATED CUT RESISTANT GLOVE

An incredibly thin Dyneema Diamond metal and glass fiber-free cut level A2 / B glove, offering the optimum combination of dexterity and abrasion resistance. Skin-friendly with superlative durability, tactility, comfort and flexibility – an excellent option for metal free cut resistance.



LINER

The combination of a Dyneema Diamond-based yarn with 21-gauge knitting is the secret of the TechniCut EW2225 offering both phenomenal dexterity and exceptional cut resistance for metal free cut protection to level A2 / B. The Dyneema Diamond fiber is combined with nylon and Spandex to provide an attractive combination of comfort and protection.

ULTRA-THIN KNITTING TECHNOLOGY

Mastering this unique knitting process has enabled EISEN to produce the finest seamless knitted protective gloves available. Unparalleled dexterity. Maximum tactility.

COATING

Using a premium quality polyurethane coating, the TechniCut EW2225 offers excellent performance:

- Strong abrasion resistance for improved longevity
- Highly breathable for improved climate control
- Uniquely comfortable with secure grip



CUT

ANSI **A2**

EN **B**

EN388:2016 4X41B

A2 CUT

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CE Cat. II

EN388:2016
4X41B

A2 CUT

EISEN SAFETY INDICATOR

Glove wearers frequently struggle to understand what level of protection their glove provides, especially in relation to the full spectrum of a particular protection range e.g. A1-A9, A-F. This can result in increased injuries from poor glove selection – possibly chosen for dexterity or comfort rather than offering sufficient protection. The intuitive EISEN Safety Indicator allows the wearer to easily identify the glove's protective performance in both visual and written forms unlike other identification systems that do not indicate the spectrum of protection available.

TECHNICAL DETAILS

Sizes: 7/S, 8/M, 9/L, 10/XL, 11/XXL
 Knit Gauge: 21gg
 Liner: Dyneema Diamond 2.0, Nylon, Spandex
 Coating: Polyurethane
 Metal Free: Yes
 Glass Fiber Free: Yes
 Qty/Pack: 10 pairs
 Qty/Carton: 120 pairs
 Product Code: EW2225

For further information or technical assistance:
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EISEN TECHNICUT DYNEEMA DIAMOND 2.0 EW2225 ULTRA-THIN METAL FREE PU COATED CUT RESISTANT GLOVE

STANDARDS COMPLIANCE

ANSI / IESA 105-2016 American national standard for hand protection classification

EN ISO 21420:2020 Protective gloves - General requirements and test methods

CUT PROTECTION

BS EN 388:2016+A1:2018 Protective Gloves against mechanical risks

| Property | ANSI 105 | | EN 388 | |
|-----------|----------------|---------------------|----------------|---------------------|
| | Level Achieved | Maximum Performance | Level achieved | Maximum Performance |
| Abrasion | X | 6 | 4 | 4 |
| Blade Cut | N/A | N/A | X | 5 |
| Tear | N/A | N/A | 4 | 4 |
| Puncture | 2 | 5 | 1 | 4 |
| TDM Cut | A2 | A9 | B | F |

| Protection Property | Product Standard | Performance Level | | | | | |
|-----------------------------|------------------|---------------------------|------|-------|-------|--------|--------|
| | | Abrasion Resistance | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| Cycles to Fail | EN 388 | 100 | 500 | 2000 | 8000 | | |
| Gram Load | ANSI 105 | 500 | 500 | 500 | 1000 | 1000 | 1000 |
| Cycles to Fail | | ≥100 | ≥500 | ≥1000 | ≥3000 | ≥10000 | ≥20000 |
| | | Blade Cut Resistance | | | | | |
| Coupe Test | EN 388 | 1 | 2 | 3 | 4 | 5 | |
| | | 1.2 | 2.5 | 5 | 10 | 20 | |
| TDM Test ISO 13997 (N) | | A | B | C | D | E | F |
| | | 2 | 5 | 10 | 15 | 22 | 30 |
| TDM Test ASTM F2992-15 (gm) | ANSI 105 | A1 | A2 | A3 | A4 | A5 | A6 |
| | | ≥200 | ≥500 | ≥1000 | ≥1500 | ≥2200 | ≥3000 |
| | | Tear Resistance | | | | | |
| Tensile Test (N) | EN 388 | 1 | 2 | 3 | 4 | | |
| | | 10 | 25 | 50 | 75 | | |
| | | Puncture Test | | | | | |
| Force (N) | | 1 | 2 | 3 | 4 | 5 | |
| | EN 388 | 20 | 60 | 100 | 150 | | |
| | ANSI 105 | 10 | 20 | 60 | 100 | 150 | |
| | | Impact Protection | | | | | |
| Impact Resistance EN 13594 | EN 388 | P Pass (level 1 ≤ 9kN) | | | | | |

CUT

ANSI A2

EN B