PART NUMBER: EXT-505

QUICK REFERENCE

1. KEVLAR® BLENDED GAUNTLET CUFF COVERS THE DORSAL PORTION OF THE HAND RESISTING SLASHING CUTS AND MATERIAL IMPACTS.

2. PROTECTIVE 3D TPR KNUCKLE GUARD AND ACTIVE FINGER RAILS FOR ADDITIONAL IMPACT SAFETY AND PROTECTION.

3. PINCH POINT AND THUMB SIDE IMPACT TPR’S FLEX AT THE KNUCKLE JOINTS.

4. SAPREX® ARMORCORE™ FINGER FOURCHETTES AND PALM PROTECT FROM CUT AND SLASH.


6. 3M® REFLECTIVE ROLL-OVER FINGER FOURCHETTES REMOVE VULNERABLE SEAMS ON FINGERTIPS.

7. GENUINE LEATHER OVERLAPS GUNN CUT FINGER CONSTRUCTION INCREASING OVERALL GRIP AND WEAR OF FINGER AREAS.

8. 2MM EVA CLOSED CELL FOAM REFLECTS VIBRATION AND IMPACT ENERGY.

9. GENUINE LEATHER WRAPS THE PALM AND THUMB INCREASING GRIP AND WEAR WHEN USING POWER OR HAND TOOLS.

10. CRAQ-SPUN® KEVLAR® THREAD USED IN THE CONSTRUCTION OF ALL HIGH WEAR AREAS OF THE PALM FOR 15.0 POUNDS OF BREAK STRENGTH.

11. INTERNAL STRETCH ELASTIC BAND WRAPS THE WRIST TO SECURE THE GLOVE AND STILL ALLOWS QUICK REMOVAL.

12. 360° ELASTIC GAITER CUFF SEALS THE WRIST OPENING PREVENTING DEBRIS FROM ENTERING THE GLOVE.

COMPLIES WITH ANSI AND CE SAFETY STANDARDS

TPR PROTECTION AREAS
LEATHER GRIP AND WEAR PANELS
ARMORCORE™ PROTECTION
PRODUCT BRIEF

In extreme crash scene rescue and extrication cases, patient removal is critical. Rescuers involved expressed a need for hand protection where cut, puncture and grip were the key features. SAPREX® ARMORCORE™ covers the palm with level 5 cut resistance while genuine leather patches enhance grip. The dorsal side implement Kevlar® materials and CAD designed 3D hard knuckle and flexible finger TPR guards.

INDUSTRY USES

VEHICLE EXTRICATION.
SEARCH AND RESCUE.
EMERGENCY CRASH SCENE AND SAFETY.
HEAVY METAL CONSTRUCTION.
MINING.
MRO.

COLOR / SIZES

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SAFETY ACCORDANCE

TESTING CONDUCTED: APRIL 2012

CUT
SECTION 5.1.1 ASTM F 1790-05

PUNCTURE
SECTION 5.1.2 EN 388:2003

ABRASION
ASTM D 3989-05 TABER METHOD

CUT RESISTANCE level 5 (4,430g)
PUNCTURE RESISTANCE level 5 (166 N)
ABRASION RESISTANCE level 2

2nd Category Personal Protective Equipment

EN 388: 2003 / EN 420: 2003
TESTING CONDUCTED: MAY 2012
SATRA Technology Centre Ltd.

4543

ABRASION RESISTANCE level 4
BLADE CUT RESISTANCE level 5
TEAR RESISTANCE level 4
PUNCTURE RESISTANCE level 3

PRODUCT ADVISORY

FLAME PROTECTION KEVLAR® TOP
NFPA-1770 NONE
CONDUCTIVITY NONE
BLOOD BORN PATHOGEN NO PROTECTION
WATERPROOFING NONE
REFLECTIVITY FINGER TIP/WRIST
MELTING POINT 300° F

MATERIAL COMPOSITION

BASE MATERIAL: SAPREX® ARMORCORE™
MATERIAL PHASE: GEN-012
COMPOSITION: SPECTRA®, TWARON®, FIBERGLASS
THICKNESS OF MATERIALS: 2.0 MM
COUNTRY OF ORIGIN: USA

CASE STUDY: JORDAN WENNER, SEARCH + RESCUE

DATE: FEB. 2012 TASK: CRASH SCENE TRAINING

ATTRIBUTES TESTED:
• STRENGTH OF GLOVE DURING ACTUAL USE
• COMFORT
• CUT AND PUNCTURE RESISTANCE
• SHOCK AND IMPACT ABSORPTION
• RIGIDITY
• QUALITY OF DESIGN AND MANUFACTURE

RESULTS: 200+ WORKING HOURS PERFORMED ON GLOVE WITHOUT FAILURE.

TECHNICAL SPECIFICATIONS

• Flat length Avg.: 10.5 inch (266.7mm)
• Flat width Avg.: 5 inch (127mm)
• Weight of a pair: 10.2 ounces dry
• Pliable from -30ºF to 300ºF

CARE AND STORAGE

Machine washable.
Use mild detergent, no bleach.
Air dry. Not dryer safe.
Do not store when wet OR in direct sun.
Keep from open flame.

WARNINGS AND WARRANTY

• DO NOT USE NEAR OPEN FLAME.
• DO NOT SUBMERGE IN SOLVENTS OR CHEMICALS.
• A PUNCTURE OR CUT WILL OCCUR IF THE GLOVE IS SUBJECT TO AN EXTREME AMOUNT OF FORCE.
GUARANTEED TO BE FREE FROM MANUFACTURING DEFECTS AT TIME OF PURCHASE.

FURTHER INFORMATION

Designed In California. Manufactured in Vietnam.
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REV 060412