OPTIMAX CARBON
ST-7040

ESD-RATED MECHANICAL GLOVE WITH SEAMLESS KNIT CONSTRUCTION AND SMOOTH PU COATED PALM

Lightweight and flexible, the glove delivers responsive finger movement and tactile control for assembly, handling, and mechanical applications.

Smooth PU palm coating provides reliable dry grip, while the breathable knit construction supports all-day comfort and helps dissipate electrostatic charges during routine workplace tasks.

FEATURES

- **ESD Protection Design** provides ergonomic fit, dexterity, and controlled static dissipation to protect users, electrical products, and equipment from electrostatic discharge risks
- **FlexFit™** Anatomical shaping engineered to follow natural hand movement for stable fit and controlled motion
- **EdgeLock™** Reinforced cuff construction that holds shape, resists fraying, and supports long term durability
- **High Tactile Sensitivity** combines flexibility with precise control, durability, and all-day comfort
- **CoreForm™** Structural reinforcement that stabilizes glove shape and resists collapse under mechanical stress
- **Breathable Lightweight Liner** reduces heat build-up and supports comfort during long shifts and repeated tasks
- **Enhanced Grip Reliability** improves steady handling and tactile confidence during use

STANDARDS

ANSI ABR 4 | ANSI PUN 2 | DEXTERITY 5

ANSI/ISEA 105 A1 4 2 | EN 388:2016 +A1:2018 4131A | EN ISO 21420:2020 +A1:2024 CE CAT II | EN 16350:2014

MATERIALS

Liner:	Anti-Static Polyester, Spandex
Coating:	Smooth Polyurethane
Cuff Style:	Elastic Knit Wrist

SIZES

7	S
8	M
9	L
10	XL
11	2XL

PACKING DETAILS

1 Pair Per Polybag Retail Ready

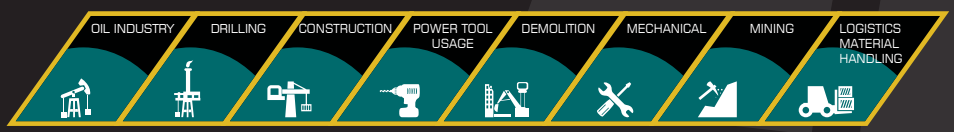
144 Pairs Per Carton

CORE FORM

GRYX™ platform adapts to any heavy-duty mechanical glove. Built with flex stabilization, superior liner strength, and mapped dimensional control for unbeatable protection.

ESSENTIAL TECHNOLOGIES

APPLICATIONS



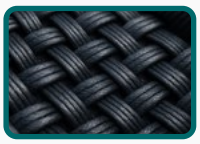
ESSENTIAL TECHNOLOGY

ST-7040
OPTIMAX CARBON

GRYX TECHNOLOGY

FlexFit™
Anatomical glove shaping that follows the natural curves & motion of the hand

EdgeLock™
Reinforced cuff architecture designed to hold its shape and prevent fraying



CORE FORM
Reinforced liner structure for dimensional durability

ENGINEERED WITH STEGO TECHNOLOGIES

PERFORMANCE & COMPLIANCE

ST-7040 meets the requirements of applicable EN & ANSI/ISEA standards.

EN ISO 21420:2020 +A1:2024

EN ISO 21420:2020+A1:2024
General Requirements
Dexterity: 5

ANSI/ISEA 105

ANSI/ISEA 105-2024
Mechanical Protection
Cut Resistance: A1
Abrasion Resistance: 4
Puncture Resistance: 2

EN 16350:2014

EN 16350:2014
Electrostatic Properties
Vertical Electrical Resistance (Tested to EN 1149-2)

EN 388:2016 +A1:2018
4131A

EN 388:2016+A1:2018
Protection Against Mechanical Risks
Abrasion Resistance: 4
Blade Cut Resistance (Coupe Test): 1
Tear Resistance: 3
Puncture Resistance: 1
Cut Resistance (TDM 100 Test-ISO 13997): A

PACKAGING INFORMATION	7 / S	8 / M	9 / L	10 / XL	11 / 2XL
MASTER CARTON DIMENSION	60X44X26 CM	60X44X26 CM	60X44X26 CM	60X44X26 CM	60X44X26 CM
NET WEIGHT	4.30 KG	4.50 KG	4.80 KG	5.00 KG	5.30 KG
GROSS WEIGHT	5.20 KG	5.50 KG	5.80 KG	6.00 KG	6.40 KG
CBM	0.069	0.069	0.069	0.069	0.069
HS CODE	61161000	61161000	61161000	61161000	61161000

Responsibly Produced

Washable for Extended Use Life

LIMITATION OF USE

Properly fitting safety gloves are crucial for safety. Poorly-fitting gloves cause irritation and hinder hand movements. Ensure they meet your required safety level and fit comfortably for optimal protection and functionality. The glove should not be worn in areas where there's a risk of entanglement or where there are moving parts. Avoid using gloves if there are signs of damage or defects.