

PYRON VOLT ST-5589



ARC RATED
**NFPA
70E**
COMPLIANT

2
ARC RATING
ATPV 13 cal/cm²

SPECIALIZED MULTI-HAZARD – **TEGX® TEXARN™** ARAMID BLEND, **ARC-RATED CAT 2** WITH 13 CAL/CM² ATPV, A5 CUT & LIQUIBLOCK™ SANDY NEOPRENE PALM

Purpose-built for arc flash, flash fire and heat hazards across energy, utilities, oil and gas and mechanical applications, delivering elevated protection above 12 cal/cm².

A softer, breathable liner provides flexibility, tactile sensitivity and reduced stiffness, while superior abrasion resistance, LIQUIBLOCK™ and sandy neoprene coating deliver extended service life and an exceptional overall wearing experience.

FEATURES

- **TEGX® Technology Liner** withstands arc flash exposure while maintaining lasting protection and stability
- **Advanced TexArn™ Blended Yarn** provides outstanding cut, abrasion, and tear resistance for maximum protection in high-risk environments
- **CoreDeflect™** High-performance fiber delivers maximum cut protection and long-lasting durability
- **Lightweight High-Tenacity Design** delivers comfort and flexibility for extended wear while maintaining arc flash protection
- **AirWeave™** breathable knit structure that promotes airflow and thermal regulation across the glove
- **LiquiBlock™** Surface bonded liquid repellent coating that resists oil and fluid absorption while maintaining grip
- **Premium Para-Aramid Liner** delivers NFPA 70E arc-rated protection with extreme cut resistance
- **High-Strength Palm Coating** provides superior thermal protection in demanding arc flash conditions

STANDARDS



MATERIALS

Liner: TexArn™ Para-Aramid Blend Cut Liner
Coating: Sandy Neoprene
Cuff Style: Elastic Knit Wrist

SIZES



PACKING DETAILS

1 Pair Per Polybag
Retail Ready
144 Pairs Per Carton

TEGX™ Gloves are constructed through coordinated elements, delivering controlled strength, engineered accuracy, and stable performance in sharp-risk environments.

APPLICATIONS



ESSENTIAL TECHNOLOGIES





CUT PROTECTION



HAND PROTECTION ENGINEERED. ACHIEVED.



ST-5589 PYRON VOLT



AirWeave™
Breathable knit structure that promotes airflow and heat regulation



LiquiBlock™
Fluid-repelling surface coating bonded to the glove's exterior

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**ARC RATING
ATPV 9.3 cal/cm²**

Foam Neoprene Palm Coating for Reliable Grip in Dry, Wet & Oily Conditions

TEGX® Aramid Liner Engineered for Arc Flash Protection



Tex Arn
Blended yarn system fused for core strength and structural consistency



Core Reflect
Fiber alignment that disperses blade force away from key contact zones



Para-Aramid Thread Hem for Enhanced Durability

Elastic Knit Cuff for Secure Fit

ENGINEERED WITH STEGO TECHNOLOGIES

PERFORMANCE & COMPLIANCE

ST-5589 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

EN 407:2020



EN 407:2020
Protection Against Thermal Risks
Limited Flame Spread: X
Contact Heat: X
Convective Heat: X
Radiant Heat: X
Small Splashes of Molten Metal: X
Large Quantities of Molten Metal: X

ANSI/ISEA 105



ANSI/ISEA 105-2024
ASTM F1060-18
Conductive Heat Resistance
Level 2: 140°C (284°F)
Maximum Contact Temperature

EN 388:2016
+A1:2018



EN 388:2016 + A1:2018
Protection Against Mechanical Risks
Abrasion Resistance: 4
Blade Cut Resistance (Coupe Test): X
Tear Resistance: 4
Puncture Resistance: 2
Cut Resistance (TDM 100 Test-ISO 13997): E

ANSI/ISEA 105



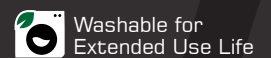
ANSI/ISEA 105-2024
Mechanical Protection
Cut Resistance: A5
Abrasion Resistance: 6
Puncture Resistance: 2



ASTM F2675
Arc Flash-Rated level 2
Arc Thermal Performance Value (ATPV) = 13 cal/cm²

PACKAGING INFORMATION

	7 / S	8 / M	9 / L	10 / XL	11 / 2XL
MASTER CARTON DIMENSION	60X40X40 CM	60X40X40 CM	60X40X40 CM	60X40X40 CM	60X40X40 CM
NET WEIGHT	10.70 KG	11.40 KG	12.10 KG	12.80 KG	13.60 KG
GROSS WEIGHT	11.70 KG	12.30 KG	13.10 KG	13.80 KG	14.60 KG
CBM	0.096	0.096	0.096	0.096	0.096
HS CODE	61161000	61161000	61161000	61161000	61161000



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.