

PYRON ARC ST-5588



ARC RATED
NFPA
70E
COMPLIANT



ARC RATING
ATPV 9.3 cal/cm²



MULTI-HAZARD SPECIALIZED GLOVE – **TEGX® TEXARN™** ARAMID BLEND, **ARC-RATED CAT 2**, HEAT & FLASH FIRE PROTECTION, FOAM NEOPRENE COATING

Purpose-built for arc flash and flash-fire hazards, the multi-aramid blend delivers thermal protection and ANSI A4 cut resistance for energy, utilities, oil and gas, and mechanical applications.

Flexible construction maintains tactile sensitivity and wearability without a rigid feel, while heat- and flame-resistant foam neoprene provides excellent grip, abrasion resistance and added resistance to chemical agents encountered in industrial workplaces.

FEATURES

- **TEGX® Technology Liner** withstands arc flash & flash fire exposure while maintaining lasting protection and stability
- **TexArn™** Blended high strength yarn core forming the structural foundation of cut resistance
- **CoreDeflect™** Directional fiber alignment that disperses blade force to reduce slicing penetration
- **Lightweight Arc-Resistant Liner** supports extended wear comfort while maintaining dexterity
- **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
- **Breathable Comfort Liner** supports all-day wear in demanding environments
- **High-Visibility Design** improves hand awareness in low-light work environments

STANDARDS



MATERIALS

Liner: TexArn™ Aramid Blend Cut Liner
Coating: Foam Neoprene
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



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

ESSENTIAL TECHNOLOGIES



APPLICATIONS





AirWeave™
Breathable knit structure that promotes airflow and heat regulation



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

**ARC RATED
NFPA
70E
COMPLIANT**



ARC RATING
ATPV 9.3 cal/cm²



**FLAME
RESISTANT**

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

TEGX® Aramid Liner Engineered for Arc Flash & Flash Fire 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



Color Coded Hem for Quick Size Identification

Elastic Knit Cuff for Secure Fit

ENGINEERED WITH STEGO TECHNOLOGIES

PERFORMANCE & COMPLIANCE ST-5588 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: 4
Contact Heat: 1
Convective Heat: 3
Radiant Heat: 2
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 1: 80°C (176°F)
Maximum Contact Temperature

EN 388:2016
+A1:2018



EN 388:2016 + A1:2018
Protection Against Mechanical Risks
Abrasion Resistance: 3
Blade Cut Resistance (Coupe Test): X
Tear Resistance: 4
Puncture Resistance: 2
Cut Resistance (TDM 100 Test-ISO 13997): 0

ANSI/ISEA 105



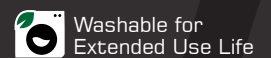
ANSI/ISEA 105-2024
Mechanical Protection
Cut Resistance: A4
Abrasion Resistance: 4
Puncture Resistance: 3



ASTM F2675
Arc Flash-Rated level 2
Arc Thermal Performance Value (ATPV) = 9.3 cal/cm²

PACKAGING INFORMATION

	7 / S	8 / M	9 / L	10 / XL	11 / 2XL
MASTER CARTON DIMENSION	60X46X28 CM	60X46X28 CM	60X46X28 CM	60X46X28 CM	60X46X28 CM
NET WEIGHT	12.80 KG	13.60 KG	14.50 KG	15.40 KG	16.30 KG
GROSS WEIGHT	13.70 KG	14.60 KG	15.50 KG	16.40 KG	17.40 KG
CBM	0.077	0.077	0.077	0.077	0.077
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.