



IMPACT & CUT PROTECTION



HAND PROTECTION ENGINEERED. ACHIEVED.

SHELL SERIES ST-9050



ARC RATED
**NFPA
70E**
COMPLIANT



SHELL GRD™ Impact protection through sculpted TPR structures, articulated motion zones, and angular force redirection to minimize blunt force trauma.

ESSENTIAL TECHNOLOGIES



APPLICATIONS



SHELL™ GRD GOATSKIN LEATHER PALM GLOVES WITH CATEGORY 4 **ARC FLASH** PROTECTION, **A5 CUT** PROTECTION, **SHOCK SHELL™** TPR PROTECTION, & **FLEX SPINE™** TECHNOLOGY

Purpose-built for oil & gas, energy, heavy mechanical, and industrial applications, ST-9050 features Shell™ GRD impact protection with Shock Shell™ TPR to absorb impact energy across the back of the hand, alongside Category 4 arc flash, A5 cut, & Level 4 puncture protection.

TEGX Texarn 360° aramid liner, FR materials, and double FR aramid stitching reinforce durability. Flex Spine™ maintains tactile flexibility, while the moisture-wicking leather finish and easy-on/off cuff support comfort and extended wear in demanding work environments.

FEATURES

- **TEGX® Technology** dual-layer construction withstands arc flash exposure for lasting protection and stability
- **ShockShell™** Compressive TPR zones that absorb vertical impact energy
- **FlexSpine™** Segmented TPR structure supporting natural articulation with continuous impact coverage
- **Premium Grain Goatskin** balances durability, flexibility, tactile control, and comfort during impact-intensive tasks
- **TexArn™ Blended Yarn** provides high tensile strength with 360° cut, heat, flame, tear, and abrasion resistance
- **DryHold™** Moisture wicking system that maintains internal dryness and reduces slippage during use
- **Kevlar® Thread** safeguards seam integrity under extreme heat and thermal exposure
- **Double-Stitched Keystone Thumb** enhances flexibility and precise hand control

STANDARDS



MATERIALS

Outer Shell: Premium Goatskin Leather
Inner Liner: TexArn™ Para-Aramid Blend
Cuff Style: Slip-on Cuff

SIZES



7	S
8	M
9	L
10	XL
11	2XL

PACKING DETAILS





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ST-9050 SHELL SERIES

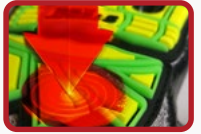


DryHold™
Internal liner system
that wicks away sweat
and moisture

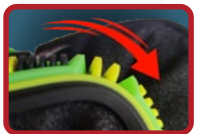
360° Para-Aramid Liner
Engineered for Advanced
Cut Protection & Thermal
Resistance

Premium Goatskin
Leather Balances
Softness & Durability
for Lasting Comfort

Molded TPR Impact
Protection for
Knuckles, Thumb &
Full-Length Fingers



Vertical impact
absorption zones made
from compressive TPR



Articulated finger-aligned
TPR that allows natural
bending

Double-stitched
Keystone Thumb
Design for Enhanced
Dexterity, Mobility
& Comfort

Color Coded Hem
for Quick Size
Identification

Effortless Slip-On
Cuff Design Enables
Rapid Donning,
Removal & Wrist
Protection

ENGINEERED WITH STEGO TECHNOLOGIES

PERFORMANCE & COMPLIANCE

ST-9050 meets the requirements of applicable EN & ANSI/ISEA standards.

EN ISO 21420:2020
+A1:2024



EN ISO 21420:2020+A1:2024
General Requirements

EN 407:2020



X1XXXX

EN 407:2020

Protection Against Thermal Risks
Limited Flame Spread: X
Contact Heat: 1
Convective Heat: X
Radiant Heat: X
Small Splashes of Molten Metal: X
Large Quantities of Molten Metal: X

ANSI/ISEA 105



CONDUCTIVE
HEAT

ANSI/ISEA 105-2024

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

EN 388:2016
+A1:2018



3X43EP

EN 388:2016+A1:2018
Protection Against Mechanical Risks

Abrasion Resistance:
Blade Cut Resistance (Coupe Test):
Tear Resistance:
Puncture Resistance:
Cut Resistance (TDM 100 Test-ISO 13997):
Impact Protection:

3
X
4
3
E
P

ANSI/ISEA 105



ANSI/ISEA 105-2024

Mechanical Protection
Cut Resistance:
Abrasion Resistance:
Puncture Resistance:

A5
4
4



ARC RATING
ATPV 44 cal/cm²

ASTM F2675

Protection Against Arc Flash Hazards
Flash Protection Level: 4
Arc Thermal Performance Value (ATPV): 44 cal/cm²

ANSI/ISEA 138



ANSI/ISEA 138-2019

Level 2 - ≤ 6.5kN



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.

PACKAGING INFORMATION

	7 / S	8 / M	9 / L	10 / XL	11 / 2XL
MASTER CARTON DIMENSION	60X48X41 CM	60X48X41 CM	60X48X41 CM	60X48X41 CM	60X48X41 CM
NET WEIGHT	17.50 KG	18.60 KG	19.00 KG	19.60 KG	20.70 KG
GROSS WEIGHT	18.40 KG	19.60 KG	20.00 KG	20.60 KG	21.80 KG
CBM	0.118	0.118	0.118	0.118	0.118
HS CODE	42032900	42032900	42032900	42032900	42032900