



DON'T COMPROMISE YOUR  
SAFETY WITH B'S AND C'S

SHOWA  
**S-TEX**  
**581**



**ANTI-CUT**  
GLOVES SERIES

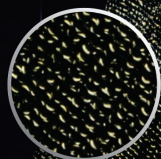
  
Always Innovating. Never Imitating.



# GET THE HIGHEST LEVEL OF CUT PROTECTION WITH **SHOWA S-TEX 581 CUT 5/LEVEL E\***

SHOWA S-TEX 581 is a premium combination of cut protection fibres  
with exceptional grip in a comfortable, lightweight glove.

13-gauge engineered  
Hagane Coil® liner  
with Kevlar®



1 Attending yarn  
2 Stainless steel



**If you're serious about cut protection,  
request a demo for the S-TEX 581.**

1

Scan this QR-code



OR go to **www.stex581.com**  
and type your code **49851**

2

Complete the request form

3

Your SHOWA representative  
will get in touch with you

\*According to EN388:2003 and EN388:2016 test: Level 4542 E.





## A HIGHER STANDARD FOR MORE PROTECTION

### EN 388: 2016 AND ISO 13997

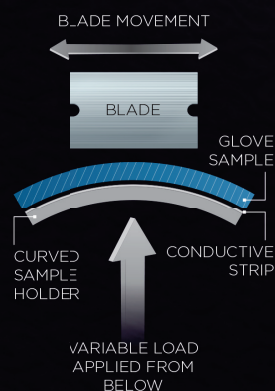
For many years, the quality of protective equipment against mechanical risks has been measured according to the EN 388 standards. The revised EN 388 2016 standard includes the international test method ISO 13997. This test method is widely used in the textile industry in order to gain a better understanding of the levels of protection.

**Many companies have started testing their products with these new methods and claim high levels of cut protection - Level C.**

**As a customer, how much do you know about the level of protection you're being offered?**

Embossed microporous  
nitrile palm finish

## A BETTER SCALE OF PROTECTION WITH ISO 13997



### HOW DOES IT WORK?

A glove sample is tested against a blade at a variable load in a TDM (Tomo Dynamo Meter) machine. The cut resistance is expressed as the cutting force at breakthrough in Newtons (N).

### WHY THE NEW STANDARD?

Testing with a variable load is a much more representative way of testing as in the real world, you don't have only one level of force to deal with. It therefore provides a more detailed and realistic view of the glove's cut protection performance.

### WHAT IS THE LEVEL OF YOUR CUT PROTECTION GLOVES?

Test for high cut risks: ISO 13997

5-TEX  
**581**

Level of protection	A	B	C	D	E	F
Force in Newton	>2	≥5	≥10	≥15	≥22	≥30
Cut resistance	LOW	MEDIUM		HIGH		



#### APPLICATIONS:

Construction  
Automotive  
Stamping  
Masonry  
Glass & glazing  
Bottling  
Metallurgy



## OUR SOLUTION

# S-TEX 581

CUT LEVEL 5E

#### HAGANE COIL® TECHNOLOGY LINER

#### A UNIQUE BLEND OF NYLON, POLYESTER & STAINLESS STEEL

As with our other S-TEX gloves, the unique coiling technique that binds an attending yarn to a stainless steel core provides better protection than any natural or synthetic fibres, yet it is thin enough to allow flexibility and free movement as the hand bends and flexes. By using nylon and polyester as the attending yarn and reinforcing the glove with Kevlar®, we provide an even stronger cut protection that is also both lightweight and extremely durable.



#### RECOMMENDED FOR THESE LINES OF WORK:

- Press stamping
- Handling sharp-edged objects, assembling, cutting dry or lightly oiled parts
- Glass and metal sheets handling
- Assembling metal parts and components
- General maintenance
- Metal fabrication
- Building materials handling
- Steel fixing
- Internal fixing

#### LIGHTWEIGHT GLOVE WITH LEVEL 5E CUT PROTECTION PERFORMANCE

- Excellent cut resistance performance due to engineered fibre
- Embossed nitrile palm finish disperses oil away to increase grip and longevity in light oily environments
- Foam nitrile coating provides an abrasion resistance level of 4 and extended usage
- Microporous nitrile coating grants exceptional grip while allowing warm air and moisture from inside to escape, thus keeping your hands dry

## S-TEX SERIES

A superior family of cut protection gloves



SHOWA  
**S-TEX KV3**

Hagane Coil® / Latex  
**ISO 13 997: F (35 Newton)**  
EN 388 Cut Level 5



SHOWA  
**S-TEX 581**

Hagane Coil® / Microporous foam Nitrile  
**ISO 13 997: E (29 Newton)**  
EN 388 Cut Level 5



SHOWA  
**S-TEX 300**

Hagane Coil® / Latex  
**ISO 13 997: D (20 Newton)**  
EN 388 Cut Level 4



SHOWA  
**S-TEX 376**

Hagane Coil® / Foam nitrile over nitrile  
**ISO 13 997: D (19 Newton)**  
EN 388 Cut Level 4



SHOWA  
**S-TEX 541**

Hagane Coil® / Polyurethane  
**ISO 13 997: D (18.7 Newton)**  
EN 388 Cut Level 3



SHOWA  
**S-TEX 350**

Hagane Coil® / Nitrile  
**ISO 13 997: D (17.5 Newton)**  
EN 388 Cut Level 4