info@zeustx.com I (832) 980-8032
8554 Katy Fwy., Suite 300
Houston, TX 77024

ELECTRICAL HAND PROTECTION

Tilsatec Pulse® Glove selection.

Tilsatec rubber insulating gloves, sourced through Zeus Power Supplies.

A selection reference for Classes 00-4, cuff styles, sizes and leather protectors. Start with the electrical class specified by your qualified safety assessment, then define the configuration for your quote.



Tilsatec Class 00 and Class 1 examples.

01

Choose the class

Compare manufacturer maximum-use voltages, sizes and length ranges. See page 2.

02

Specify the fit

Confirm cuff style, glove color and base model. Send size separately. See page 3.

03

Complete the request

Discuss protectors and local test-lab coordination with Zeus. See pages 4-6.

Tilsatec manufactures. Zeus sources and coordinates.
Zeus can help source the selected configuration and coordinate sending gloves to local test labs. Confirm the model, availability and testing scope with Zeus before ordering.

Product information: Tilsatec Pulse Product Guide, pp. 2-3 and 8-13.

ZEUS

info@zeustx.com | (832) 980-8032
8554 Katy Fwy., Suite 300
Houston, TX 77024

START WITH THE SPECIFIED ELECTRICAL CLASS

Compare maximum-use voltage.

Manufacturer maximum-use values are shown below, separate from proof-test voltages. Sizes and half sizes follow the North America brochure; confirm the current size range and availability with Zeus.

Class	Maximum use AC	Maximum use DC	Listed lengths	Brochure sizes
00	500 V	750 V	11 in, 14 in	7-12 including half sizes
0	1,000 V	1,500 V	11 in, 14 in	7-12 including half sizes
1	7,500 V	11,250 V	14 in, 16 in, 18 in	7-12 including half sizes
2	17,000 V	25,500 V	14 in, 16 in, 18 in	7-12 including half sizes
3	26,500 V	39,750 V	14 in, 16 in, 18 in	7-12 including half sizes
4	36,000 V	54,000 V	16 in, 18 in	8-12 including half sizes

CLASS LABEL COLORS

00	0	1	2	3	4
Beige	Red	White	Yellow	Green	Orange

Label color and glove color are different. The class label identifies the electrical class. Material color and cuff choices vary by class; use the configuration table on page 3.

Source: Tilsatec Pulse Product Guide, pp. 3-5 and 8-13. Maximum-use DC values are manufacturer data; no proof-test values are reproduced.

info@zeustx.com | (832) 980-8032
8554 Katy Fwy., Suite 300
Houston, TX 77024

DEFINE STYLE, LENGTH, COLOR AND SIZE

Build a clear model request.

Classes 00/0: red, black or yellow; straight / beaded cuff. Classes 1-4: dual black/red or black/yellow; straight / beaded or bell / beaded cuff. The length and size restrictions on page 2 still apply.

Base PN example	Class	Length	Glove color	Cuff
24-9012	00	11 in	Yellow	Straight / Beaded
24-9021	00	14 in	Black	Straight / Beaded
24-0012	0	11 in	Yellow	Straight / Beaded
24-0020	0	14 in	Red	Straight / Beaded
24-1024	1	14 in	Dual Black/Red	Straight / Beaded
24-1037	1	16 in	Dual Black/Yellow	Bell / Beaded
24-2024	2	14 in	Dual Black/Red	Straight / Beaded
24-2037	2	16 in	Dual Black/Yellow	Bell / Beaded
24-3024	3	14 in	Dual Black/Red	Straight / Beaded
24-3046	3	18 in	Dual Black/Red	Bell / Beaded
24-4034	4	16 in	Dual Black/Red	Straight / Beaded
24-4047	4	18 in	Dual Black/Yellow	Bell / Beaded

Examples only. The manufacturer guide lists 56 rubber base configurations. Ask Zeus for another listed combination; examples above do not imply current stock.

> **Send size as a separate field.** Measure hand circumference excluding the thumb and confirm fit with the manufacturer's sizing instructions. Rubber half sizes are brochure-listed; confirm current sizes and the full ordering number with Zeus. Do not append a guessed suffix to a base PN.

Source: Tilsatec Pulse Product Guide, pp. 8-13 (explicit base models) and p. 15 (sizing). Base PNs shown exactly as listed.

info@zeustx.com | (832) 980-8032
8554 Katy Fwy., Suite 300
Houston, TX 77024

MECHANICAL PROTECTION OVER RUBBER GLOVES

Add a properly fitted protector.

Tilsatec 29-6250 and 29-6252 are unlined leather protectors for mechanical protection over insulating gloves. Confirm the fit and rubber-cuff extension for the exact glove, size and cuff style.





29-6250

10 in / 25 cm
Sheet sizes 8, 9, 10, 11 | Yellow/grey
Gauntlet cuff | Unlined

29-6252

12 in / 30 cm
Sheet sizes 8, 9, 10, 11 | Yellow/grey
Gauntlet cuff | Unlined

Images show protectors worn over rubber insulating gloves; exposed rubber cuffs are not part of the leather protector.

Leather protectors provide no shock or voltage protection.

CONFIRM CUFF EXTENSION BEFORE PAIRING

Tilsatec's guide states minimum exposed rubber cuff beyond the leather cuff: Class 00/0: 1/2 in; Class 1: 1 in; Class 2: 2 in; Class 3: 3 in; Class 4: 4 in. Nominal lengths alone do not establish a compatible pair.

Sources: Tilsatec 29-6250 / 29-6252 Unlined Leather Protector Gloves spec sheet, p. 1; Pulse Product Guide, p. 6 (cuff extension).

info@zeustx.com I (832) 980-8032
8554 Katy Fwy., Suite 300
Houston, TX 77024

PLAN FOR THE FULL SERVICE CYCLE

Keep inspection and testing visible.

Use the manufacturer's instructions and the employer's electrical safety program. The following summarizes selected US general-industry requirements in OSHA 29 CFR 1910.137.

01

Before each day's use

Inspect for damage and perform an air test. Inspect again immediately after an incident that could have caused damage.

02

At issue and during service

Electrical testing is required before first issue and every six months thereafter, and when insulation is suspect, after repair or after use without protectors.

03

For tested gloves not yet issued

Do not place them into service unless they were electrically tested within the previous 12 months.

04

If a glove fails inspection or testing

Remove it from service. Keep test certification identifying the equipment that passed and its test date.

Ask Zeus about local test-lab coordination.
Zeus can coordinate sending gloves to local test labs. Share the glove class, quantity, last test date and documentation needs so the scope can be confirmed with the lab.

Source: OSHA 29 CFR 1910.137(c)(2)(ii), (iii), (viii), (x), (xii), Table I-5 and footnote 1; accessed September 29, 2026. Link on page 6.

info@zeustx.com | (832) 980-8032
8554 Katy Fwy., Suite 300
Houston, TX 77024

BRING THE CONFIGURATION TO ZEUS

Send the details. We'll help source it.

Email your selected configuration and quantities. Zeus can confirm the sourcing request and discuss protectors or local test-lab coordination.

- [ ] **Required electrical class.** Specified by your qualified assessment
- [ ] **Base model + glove size.** List the base PN and size separately
- [ ] **Length, color and cuff.** Confirm the required configuration
- [ ] **Quantity and delivery destination.** Include required timing for review
- [ ] **Protector request.** Ask to confirm fit and cuff extension
- [ ] **Testing coordination, if needed.** Class, quantity, last test date and records needed

info@zeustx.com | (832) 980-8032
Zeus Power Supplies | Houston, Texas | zeustx.com

SOURCE REFERENCES

[1] Tilsatec Pulse® Electrical Insulating Gloves Product Guide. Supplied 16-page PDF. Classes and ratings: pp. 3-5; care and cuff extension: p. 6; models: pp. 8-13; sizing: p. 15.
[2] Tilsatec 29-6250 / 29-6252 Unlined Leather Protector Gloves Product Spec Sheet. Supplied one-page PDF.
[3] OSHA 29 CFR 1910.137 - Electrical Protective Equipment. Current online standard checked September 29, 2026.

osha.gov/laws-regs/regulations/standardnumber/1910/1910.137

Manufacturer data summarized for selection and quotation. Confirm the current model, fit, availability and applicable work requirements before use.