Spec Sheet

TILSATEC Pulse®

24-2024

Class 2 14” / 36cm Black/Red



Class	2	
Max Use	17000V	
Category	R/C	
ARC	APC2*	ATPV - 21.0 cal/cm²
Cuff	Straight with beaded edge	
ASTM D120 Type	2	
Colour	Black/Red	
Length	14” / 36cm	
Sizes	8-11	
Packaging	1 pair p/polybag and individual box. 10 pairs p/carton	

Features & Benefits

- Made from 100% natural high grade rubber latex
- Smooth chlorinated surface finish and rolled cuff edge aid donning and doffing
- Environmentally friendly dipping process free from the use of solvents
- Ergonomic design and finger shape minimises hand fatigue
- Increased flexibility in cold environments
- Silicone-free
- Double certification EN 60903 and ASTM D120

Applications / Industries

- Power Utilities and Public Works
- Electric Public Transport Maintenance
- EV Battery Manufacturing and assembly
- EV Aftermarket Service and Maintenance
- Electrical Maintenance
- Excavation and Cable Laying
- Cable Jointing
- Field Services
- Substation Installation
- Electric Driven Public Transport
- Switchgear and Transformer Maintenance
- Overhead Power Line Maintenance and Repairs

Performance

Manufactured and tested in accordance with IEC 60903, EN 60903 and ASTM D120.

CE 0598

Special Categories Classes

Meets the special properties:

A-Acid **C-**Extreme low temperature
H-Oil resistant **Z-**Ozone

R = A + Z + H

CLASS	LENGTH CM/INCH		CATEGORIES	PROOF TEST VOLTAGE AC/DC	MAXIMUM USE VOLTAGE AC/DC	SIZES	ARC
Class 00 Beige	28/11	36/14	A/Z/C	2.500/10.000	500/750	8, 9, 10, 11	APC1* ATPV - 8.4 cal/cm²
Class 0 Red	28/11	36/14	A/Z/C	5.000/20.000	1.000/1.500	8, 9, 10, 11	APC2* ATPV - 8.5 cal/cm²
Class 1 White	36/14		R/C	10.000/40.000	7.500/11.250	8, 9, 10, 11	APC2* ATPV - 10.6 cal/cm²
Class 2 Yellow	36/14		R/C	20.000/50.000	17.000/25.500	8, 9, 10, 11	APC2* ATPV - 21.0 cal/cm²
Class 3 Green	36/14		R/C	30.000/60.000	26.500/39.750	8, 9, 10, 11	APC2* ATPV - 40.5 cal/cm²
Class 4 Orange	41/16		R/C	40.000/70.000	36.000/54.000	9, 10, 11	APC2* ATPV - 36.2 cal/cm²

* When tested according to GS-ET-42-1:2019-2

Product Packaging

Each pair is supplied in an air sealed polybag and individual box.

Outer cartons contain 10 pairs of individual pair boxes.



Tilsatec | +44 (0)1924 375742 | info@tilsatec.com | **www.tilsatec.com**

For businesses who want expertise they can rely on to keep their people safe, Tilsatec offer high performance hand and arm protection. We manufacture our own proprietary cut resistant yarn - the primary source of mechanical protection, on site in the UK. This means we can deliver maximum performance in every fibre of what we do. Because when our gloves perform at their best, your people can perform at their best.

ELECTRICAL INSULATING GLOVES

TILSATEC Pulse™

CE 0598

Module D approval:

SGS Fimko Oy,
Takomotie 8,
FI-00380 Helsinki,
Finland

Notified Body Number 0598

IEC 60903:2014
EN 60903:2003

Manufactured and tested in accordance with IEC 60903:2014, EN 60903:2003 and ASTM D120

GB

INSTRUCTIONS FOR USE

CE Marking conforms with EU PPE Regulation (EU) 2016/425.

DESCRIPTION: 100% Natural Latex gloves; a list of substance contained in the glove is available on request. The following is for maintenance, inspection, test and use of gloves after purchase.

CHECKS: Every time before the gloves are used, it is advisable to inflate the gloves in order to check for air leakage and to carry out a visual inspection. In the event of any leakage, deterioration or wear, destroy gloves immediately. An inspection of the inside of the glove is recommended. If either the left or right hand is unsafe then the pair should not be used but returned for electrical testing.

TESTING: Gloves shall not be issued for service unless they have been tested within the previous twelve months. For Class 00 and Class 0 a check for air leaks and visual inspection before every use is considered adequate. Gloves of Class 1, 2, 3 and 4, are required to undergo dielectric testing every 6 months from first use. The tests consist of air inflation to check for air leaks, a visual inspection while pressurised and a routine dielectric test (AC and DC proof test) in accordance with EN60903:2003 clauses 8.4.2.1 and 8.4.3.1.

STORAGE/TRANSPORT: Gloves should be stored away from all sources of moisture, light and sunlight. The temperature of storage location must fall between 10°C and 35°C. It is advisable to store the gloves in their protective packaging and away from sharp or pointed objects. Care should be taken to ensure that the gloves are not compressed, folded or stored in proximity to steam pipes, radiators or other sources of artificial heat or ozone.

USE: These gloves are intended to be used exclusively for electrical purposes. Standard gloves should be used in areas having ambient temperatures between -25°C and +55°C and Category C gloves may be used in areas having ambient temperatures between -40°C and +55°C. The gloves may be gently washed in soapy water at a recommended temperature of 30°C, but no more than 65°C and thoroughly dried at less than 65°C away from direct sunlight. If stained with tar or paint, do not use petrol, paraffin-based products or white spirit. Instead, clean the glove with a light solvent, then wash and dry as described above.

Class 4 gloves electrical gauntlets have passed the requirements for composite gloves according to EN 60903:2003 and IEC 60903:2014

LIMITATIONS: Potentially allergenic substances: This product contains natural latex which may cause an allergic reaction. Safe use of this product by or on latex-sensitive individual has not been established. Do not allow gloves to come into contact with animal fats, oil, grease, turpentine, white spirit or strong acids. Dispose of in accordance with Local Authority Regulations.

Additional copies of user information may be obtained from Tilsatec at the addresses below.

Issue 1: December 2022
EU declaration of conformity can be viewed at http://tilsatec.com/resources

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www.tilsatec.com

SPECIAL CATEGORIES CLASSES

Meets the special properties:

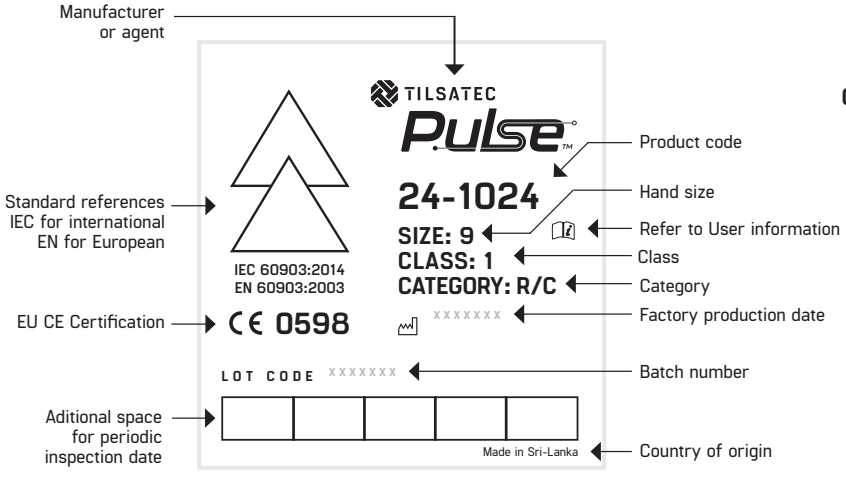
A - Acid
C - Extreme low temperature
H - Oil resistant
Z - Ozone

R = A + Z + H

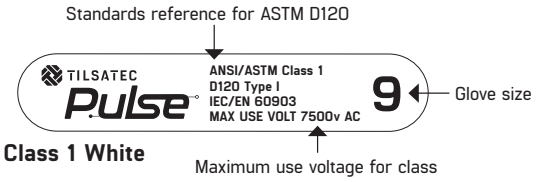
CLASS	LENGTH CM/INCH		CATEGORIES	PROOF TEST VOLTAGE AC/DC	MAXIMUM USE VOLTAGEAC/DC	SIZES	ARC PROTECTION CLASS^
Class 00 Beige	28/11	36/14	A/Z/C	2.500/10.000	500/750	8, 9, 10, 11	APC 1
Class 0 Red	28/11	36/14	A/Z/C	5.000/20.000	1.000/1.500	8, 9, 10, 11	APC 2
Class 1 White	36/14		R/C	10.000/40.000	7.500/11.250	8, 9, 10, 11	APC 2
Class 2 Yellow	36/14		R/C	20.000/50.000	17.000/25.500	8, 9, 10, 11	APC 2
Class 3 Green	36/14		R/C	30.000/60.000	26.500/39.750	8, 9, 10, 11	APC 2
Class 4 Orange	41/16		R/C	40.000/70.000	36.000/54.000	9, 10, 11	APC 2

*Alternative current (AC)
*Direct current (DC)
^ When tested according to GS-ET-42-1:2019-2

EXAMPLE GLOVE MARKINGS



GUIDE TO RUBBER LABEL



RUBBER LABEL COLOUR GUIDE



Safety gloves for mechanical handling inspection checklist

Check both gloves before use, after suspected damage or contamination, and after use. Follow the exact model instructions and site procedure. This check does not measure remaining protection.

Date / time _____ Inspector _____

Site / task _____

Glove model / size _____ Pair or issue reference _____

Tick one response for each check

YES = confirmed suitable NO / UNSURE = do not use pending action

	YES	NO	UNSURE
Correct glove Model and size match the task and identified hazards.	☐	☐	☐
Material and seams No cuts, holes, thinning, broken yarns or open seams.	☐	☐	☐
Coating where fitted No cracking, peeling, separation or areas worn through.	☐	☐	☐
Interior and protection No displaced lining, trapped debris or damaged protective parts.	☐	☐	☐
Fit and handling Secure fit, free movement and grip suitable for the task.	☐	☐	☐
Exposure history Known; no unresolved contamination or unexpected exposure.	☐	☐	☐
Care and storage Approved care followed; condition suitable for reuse.	☐	☐	☐
Product limits Any expiry, use, wash or required test limits have been checked.	☐	☐	☐

Record the decision

[ ] Suitable for this task [ ] Removed from service [ ] Replacement issued

Reason / action _____

Reviewer / follow-up _____

Any NO or UNSURE: stop using the pair. Report the concern and provide suitable replacement gloves before resuming the task. Reuse only after suitability is confirmed under the site procedure. Do not patch damaged PPE.

Remove contaminated gloves safely. Do not touch contamination with bare hands. Clean only where an approved process permits it; inspect again before reuse. Dispose of rejected gloves according to the contamination and local requirements.

Specialist gloves need separate procedures. This form does not replace electrical insulating glove testing, chemical glove change schedules, or other specialist checks. Do not reuse single-use gloves.