



CLEAN PU TECHNOLOGY PRODUCT RANGE: AN ECO-DESIGN PROGRAMME THAT COMBINES DERMATOLOGICAL SAFETY WITH THE PROTECTION OF THE ENVIRONMENT.

The **CLEAN PU TECHNOLOGY**, created by LEBON is designed to protect Human and his environment.

This product range was designed to achieve 3 objectives:

- **The « Skin Care » guarantee**

Healthy coating for operator's hands. Using an exclusive innovating production process, we remove almost all the residual solvents contained in the polyurethane coating.

- **ISO 14001 version 2004 certified production units**

Eco-responsible manufacturing. The LEBON Group undertakes to use cleaner production processes and to re-process its waste in the most environmentally friendly way. Indeed, by complying with our « **0 ZERO WASTE** » policy, we fully recycle all our process water.

- **A level of residual rate of solvent extremely weak**

LEBON has always been a pioneer in the cleaning process of DMF in polyurethane coated gloves. Indeed, the residual rate of solvent on our CLEAN PU gloves is far below the limit of 1000 ppm set by REACH. LEBON proposes the cleanest gloves on the market.



CHANGES TO THE NEW EN 388 STANDARD: 2016 WHAT IS THE CURRENT STATUS?

Firstly, this revised standard is applicable to all types of gloves since November 2016.

There are 3 separate changes:

- **Cut resistance:** the blunting of the circular blade caused by the use of technical yarns is now taken into account. If the blade blunting during the "Coup test" EN388 cut test is too marked, it becomes optional and the TDM test becomes the reference.
- **Abrasion:** the abrasive paper used during the test has been changed. The new one is much more abrasive than the previous one leading, in some cases, to lower levels.
- **Shock resistance:** this is the new test that has been implemented to measure the absorption of a shock on the parts that protect from impacts. This test, which relates to the EN 13594:2015 standard remains optional depending on the glove configuration.



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PRODUCT RANGE CLEAN PU®

Photo Credit: Group LEBON - Do not litter





LEBON PRESENTS THE FLAGSHIP PRODUCTS FROM THE CLEAN PU TECHNOLOGY RANGE

CLEAN PU TECHNOLOGY is an eco-design programme that combines dermatological safety with the protection of the environment.

TACTILE HANDLING



ULTRAFIT®

Comfort
Dexterity
Grip

EN 420 EN 388
4131X

Sizes 6 to 12 Category II

EN388:2016 CUT PROTECTION



EXTRAFIT®30

Dexterity
Grip
Comfort

EN 388 EN 407
4242X X1XXXX

EN 420
Category II

Sizes 6 to 12



POWERFIT®VIZ

Dexterity
Resistance
Grip
Comfort

EN 420 EN 388
4343B

Sizes 6 to 12 Category II



POWERFIT®

Second skin
effect
Dexterity
Comfort
Grip

EN 420 EN 388
4343B

Sizes 6 to 12 Category II



POWERFIT®SD

Resistance
Screentech

EN 420 EN 388
4343B

Sizes 6 to 12 Category II



SKINFIT®

Dexterity
Comfort
Grip
Second skin
effect

EN 420 EN 388
4342B

Sizes 6 to 12 Category II

EN388:2016 HIGH CUT PROTECTION



GALAXY®

Comfort
Grip
Resistance
Dexterity

EN 420 EN 388
4443C

Sizes 6 to 12 Category II



MASTERFIT®

Comfort
Resistance
Grip

EN 420 EN 388
4X43D

Sizes 6 to 12 Category II



OMEGA®RP

Comfort
Resistance
Reinforcement
Grip

EN 420 EN 388
4X43D

Sizes 6 to 12 Category II



POSEIDON®

Comfort
Grip
Resistance
Protection

EN 388 EN 407
4X31D X1XXXX

EN 420
Category II

Sizes 6 to 12

EN388:2016 VERY HIGH CUT PROTECTION



STEELTECH®30

Resistance
Reinforcement
Protection
Screentech

EN 388 EN 407
4X44E X1XXXX

EN 420
Category II

Sizes 6 to 11



METALFIT®

Resistance
Reinforcement
Dexterity
Screentech

EN 420 EN 388
4X43F

Sizes 6 to 12 Category II

STANDARDS



General requirements for protective gloves:

- Innocuousness
- Compliance with sizes
- Dexterity
- Glove composition
- Packaging, storage, care and cleaning
- User information sheet

Currently being revised to include the authorised residual DMF rate and re-work glove sizes.



4 X 4 3 E (P)

- Shocks resistance (optional)
- Cut resistance according to EN ISO 13997 (A à F)
- Puncture resistance (0 to 4)
- Tear resistance (0 to 4)
- Blade cut resistance (0 to 5)
- Abrasion resistance (0 to 4)



3 2 1 X X X

- Resistance to large splashes of molten metal
- Resistance to small splashes of molten metal
- Radiant heat resistance
- Convective heat resistance
- Contact heat resistance
- Resistance to flammability