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PROTECTIVE SUIT FOR WASP AND HORNET REMOVAL (INCLUDING ASIAN HORNETS) Full set

THE PRODUCT IS A CERTIFIED CATEGORY II PERSONAL PROTECTIVE EQUIPMENT, DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF REGULATION (EU) 2016/425 ON PERSONAL PROTECTIVE EQUIPMENT AND EN ISO 13688.



Lyson Beekeeping Company
ul. Pszczela 2, 34-124 Klecza Dolna, Poland
NIP: 551-260-51-86
phone: +48 33 870-47-68
e-mail: globalsales@lyson.com.pl | www.lyson.eu

PROTECTIVE SUIT FOR REMOVING WASP AND HORNET (INCLUDING THE ASIAN HORNET) – FULL SET (HELMET & GLOVES INCLUDED)

A professional protective suit designed to work in the most demanding terrain conditions, such as removing and neutralizing stinging insects. It combines high mechanical resistance with an ergonomic design, providing the user with safety, mobility and comfort during long-term activities.

It is a solution dedicated to emergency services, companies and all specialists involved in the wasp and hornet removal – **including species with high penetration power, such as the Asian hornet.**

KEY OBJECTIVES

The suit is designed for:

- intervention work in the removal and neutralization of wasp and hornet – including Asian hornets,
- field activities requiring increased protection against mechanical hazards,
- also by professional services and specialized teams.

It is designed to **reduce the risk of material penetration by sharp elements** such as insect stings, while maintaining high freedom of movement.

Lightweight and highly comfortable to wear, it is especially suited for hot weather and the toughest working conditions.

Design and materials

The suit uses a multi-layer material structure to form an effective protective barrier:

- **Outer fabric:** 60% cotton/40% polyester, approx. 240-250 g/m²
- **reinforcements (knees, elbows):** 100% cotton, 380 g/m²
- **Filling and lining:** 100% polyester, quilted, 200 g/m²

The materials used ensure:

- high resistance to mechanical damage,
- durability in intensive use,
- adequate breathability and comfort of work,

Additional reinforcements in the most exposed areas significantly increase the service life of the product.

Mechanical Protection Parameters

Material properties confirmed by tests in accordance with EN 388:

- Abrasion resistance: $100 \leq N < 500$ cycles
- Blade Cut Resistance: Index 1.28

- Tear resistance: 29.88 N
- Puncture resistance: 45.06 N
- Cut resistance (TDM): 3.7 N

Additionally:

- Seam strength: 244 N (EN ISO 13935-2)
- Needle penetration resistance: 1.0 N (ASTM F2878)

These parameters confirm the material's ability to reduce the effects of contact with sharp elements and mechanical damage.

ERGONOMICS AND FUNCTIONALITY

- ergonomic, fitted cut for freedom of movement,
- wide range of sizes (S-XXXL),
- stable fit to the body during work,
- compatibility with other personal protective equipment,
- reinforced knees and elbows for added durability.

The suit retains its protective properties when used and maintained correctly.

COMPLETE EQUIPMENT AND CONVENIENCE AT WORK.

Full set includes:

- **Suit:** compliant with the requirements of Regulation (EU) 2016/425 and based on the application of standards: EN ISO 13688:2013 EN ISO 13688:2013/A1:2021 PPE CAT. II certified: 26/09745/00/0161/B
- **Helmet and face shield:** PPE meets the requirements of EN 397:2012+A1:2012, EN 50365:2002, EN 166:2001, EN 170:2002 and GS-ET-29:2019-06.
- **Gloves:** compliant with the requirements of Regulation (EU) 2016/425 and based on the application of standards: EN 388:2016+A1:2018, EN ISO 374-1:2016+A1:2018 Type B, EN ISO 374-5:2016 and EN ISO 21420:2020.

Designed for intensive use in intervention conditions.

Product sewn in Poland – quality control at every stage of production.

SAFETY OF USE

- materials free of harmful and allergenic substances,
- pH in the range of 3.5–9.5,
- no azo dyes in accordance with EU requirements,
- no elements that could cause injury.

PLEASE NOTE:

- The suit protects your body – make sure to check all the fasteners, systematically check the condition of the suit to detect any damage.
- For full protection, use a suit with additional personal protective equipment.
- No PPE can guarantee complete protection in all conditions – effectiveness depends on proper use and fit.

MAINTENANCE AND DURABILITY

- washing up to 60°C,
- drying at low temperature,
- Expected service life: up to 10 years (with proper operation).

WHY IS IT WORTH IT?

This is a suit made for professionals who need reliable protection in high-risk situations. It provides the optimal combination of safety, durability and comfort – without compromise, even during the most demanding interventions.

This protective suit was developed in cooperation with and field-tested by Étienne Roumailhac (EtienneLGF).



CERTIFIED PERSONAL PROTECTIVE EQUIPMENT CATEGORY II





SIZES

S, M, L, XL, XXL, XXXL

A - CHEST MEASUREMENT

B - TOTAL HEIGHT OF THE USER

SIZE	A (cm)	B (cm)
S	92 - 96	164
M	96 - 100	170
L	100 - 104	176
XL	104 - 108	182
XXL	108 - 112	188
XXXL	112 - 116	192

