

# AB Tip İnceleme Sertifikası EU Type-Examination Certificate

**Belge No / Certificate No** : 28-20-01-R01  
**Belgelendirme Tarihi - Bir Sonraki Belge Tarihi /  
Certification Date / Certificate Validity Date** : 14.07.2021-17.08.2025  
**Belge Geçerlilik Tarihi / Document Validity Period: 5 yıl / 5 years**  
**Firma Unvanı ve Adresi /  
Company Name and Address** : YILDIRIMLAR GİYİM İNŞ. TUR. MAK. TAŞ. OTO.  
GIDA PET. VE TİC. A.Ş.  
Batı Sitesi Mah. Fatih Sultan Mehmet Bulvarı No:482  
Yenimahalle/ ANKARA  
**Ürün Adı /Modeller / Product Name / Models** : YLD COVER 800  
**Direktifi / Directive** : 2016/425 REGULATION  
**Modülü/Kategori / Module / Category** : B MODÜLÜ/ KATEGORİ III  
MODULE B / CATEGORY III  
**Test Rapor No/ları / Test Report No** : MNA M-2020-00209, BUTEKOM 2021-1280

**Ürün Tipi / Product Type: :**

- EN ISO 13688:2013 Koruyucu giyecekler - Genel özellikler / Protective clothing - General requirements
- EN 13034:2005+A1:2009 Sıvı Kimyasallara Karşı Koruyucu Giysi (Tip 6-B) / Protective Clothing Against Liquid Chemicals (Type 6-B)
- EN ISO 13982-1: 2004+A1:2010 Katı Parçacıklara Karşı Koruyucu Giysi (Tip 5-B)/ Protective Clothing For Use Against Solid Particulates (Type 5-B)
- EN 14605 :2005+A1:2009 Koruyucu Giyecekler - Sıvı Kimyasal Maddelere Karşı (Tip 4-B) / Protective clothing against liquid chemicals (Type 4-B)
- EN 14126:2003 Koruyucu Giyecekler - Patojen Organizmalara Karşı / Protective Clothing - Performance Requirements And Tests Methods For Protective Clothing Against Infective Agents
- EN 1149-5:2018 Koruyucu giysi - Elektrostatik özellikler / Protective clothing - Electrostatic properties

**Ürünün Malzeme Bilgisi / Product Material Information:** YLD COVER 800 model ürünleri kaplamalı kumaş kullanılarak imal edilmiştir./ YLD COVER 800 model products are manufactured using coated fabric.

**Volkan AKIN**  
14.07.2021

**Karar Verici / Approver**



**Okan AKEL**  
14.07.2021

**Şirket Müdürü / General manager**



**ATTACHMENTS (28-20-01-R01)**

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

**Model : YLD COVER 800**

| PPE SPECIFICATION                     | PERFORMANCE LEVELS                          |
|---------------------------------------|---|
| Classification                        | Type 4-B, Type 5-B, Type 6-B                |
| Abrasion Resistance                   | 1   |
| Tear Resistance (Trapezoidal)         | 2   |
| Tensile Strength                      | 1   |
| Puncture Resistance                   | 1   |
| Liquid Repellency                     | NaOH: 3, H <sub>2</sub> SO <sub>4</sub> : 3 |
| Resistance To Penetration By Liquid   | NaOH: 3, H <sub>2</sub> SO <sub>4</sub> : 3 |
| Flex Cracking Resistance              | 1   |
| Seam Strength                         | 1   |
| Permeation by Liquids                 | NaOH: 2                                     |
| Wet Bacterial Penetration             | 1   |
| Dry Microbial Penetration             | 1   |
| Phi-X174 Bacteriophage                | 3   |
| Half Decay Time (t <sub>50</sub> , s) | 2,96  |

PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:

| MARKING   |
|---|
| <b>MANUFACTURER:</b> YILDIRIMLAR GİYİM İNŞ. TUR. MAK. TAŞ. OTO. GIDA PET. VE TİC. A.Ş.  |
| <b>PPE TYPE :</b> <ul style="list-style-type: none"><li>- EN ISO 13688 Protective clothing - General requirements</li><li>- EN 13034+ A1 Protective Clothing Against Liquid Chemicals (Type 6-B)</li><li>- EN ISO 13982-1 Protective Clothing For Use Against Solid Particulates (Type 5-B)</li><li>- EN 14605+A1 Protective clothing against liquid chemicals (Type 4-B)</li><li>- EN 14126 Protective clothing - Performance requirements and tests methods for protective clothing against infective agents</li><li>- EN 1149-5: 2018 Protective clothing - Electrostatic properties</li></ul> |
| <b>MODEL:</b> YLD COVER 800   |
| <b>PRODUCT SIZE:</b> S,M, L, XL, 2XL, 3XL   |

**ATTACHMENTS (28-20-01-R01)****PICTOGRAM AND PERFORMANCE LEVELS:**

EN ISO 13688

EN 13034+ A1(Type 6-B)

EN ISO 13982-1 (Type 5-B)

EN 14605+ A1 (Type 4-B)

EN 14126

EN 1149-5

"Flammable material. Keep away from fire."

"Do not re-use"



NB 2841



Type 4-B, Type 5-B, Type 6-B

MNA LABORATORIES SAN. TIC. LTD. ŞTİ declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.

**PRODUCT PICTURES**

YLD COVER 800

**DOCUMENTS IN THE TECHNICAL FILE**

- Basic Health Safety Requirements
- Risk Assessment
- Test Reports
- Technical Report

MNA Laboratuvarları San. Tic.Ltd .Şti

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Report No : 28-20-01-R01

Report Date : 14.07.2021

Application No : 28-20-01-R01

**1. COMPANY INFORMATION:**

YILDIRIMLAR GİYİM İNŞ. TUR. MAK. TAŞ. OTO. GIDA PET. VE TİC. A.Ş.  
Batı Sitesi Mah. Fatih Sultan Mehmet Bulvarı No:482 Yenimahalle/ ANKARA

**2. PPE INFORMATION:**

Disposable non-sterile coverall.

**3. PPE TYPE IDENTIFICATION**

EN ISO 13688:2013 Protective clothing - General requirements

EN 14126:2003 Protective clothing - Performance requirements and tests methods for protective clothing against infective agents

EN 13034:2005+A1:2009 Protective Clothing Against Liquid Chemicals (Type 6-B)

EN ISO 13982-1: 2004+A1:2010 Protective Clothing For Use Against Solid Particulates (Type 5-B)

EN 14605+A1 Protective clothing against liquid chemicals (Type 4-B)

EN 1149-5: 2018 Protective clothing - Electrostatic properties

**4. PPE PICTURES**



YLD COVER 800

**5. PPE DIMENSIONS:**

YLD COVER 800 model product has been found to be produced using S-M-L-XL-2XL-3XL size.

**6. PPE PRODUCT MATERIAL INFORMATION:**

The product is made of coated fabric.

**7. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS**

- Protective clothing doesn't contain any sharp or hard edges or rough surfaces.
- Wearer donned and removed without any difficulties and clothing fits perfectly.
- The clothing doesn't obstruct blood circulation in any part of the body.
- The clothing design at armholes and crotch are appropriately proportioned and positioned.
- Sufficient closure arrangements given in the clothing and all the closures systems functioning properly.
- The coverage of protection zones of protective material is maintained during movements as extreme as it is anticipated a user would make.
- Wearer doesn't observe any difficulties while standing, sitting, walking, stair climbing, raising both hands above the head and bending over and picking up a small objects.
- While movements the protective material covers body area sufficiently.
- No difficulties in putting on and removing other items of PPE such as gloves and boots.

**8. ANALYSIS AND EVALUATIONS:**

**EN ISO 13688:2013**

| TEST                    | RESULT | PERFORMANCE LEVEL | EVALUATION |
|-------------------------|--------|-------------------|------------|
| pH value<br>EN ISO 3071 | 7,07   | 3,5 – 9,5         | PASS       |

**EN 13034:2005+A1:2009, EN 14605:2005+A1:2009, EN ISO 13982-1: 2004+A1:2010**

| TEST   | RESULT   | PERFORMANCE LEVEL | EVALUATION |
|--|--|-------------------|------------|
| Abrasion resistance<br>BS EN 14325 Part 4.4            | >10 cycles<br>>10 cycles<br>>10 cycles<br>>10 cycles   | 1 (>10 cycle)     | PASS       |
| Tear resistance<br>EN ISO 9073-4+ BS EN 14325 Part 4.7 | 34,93 (Newton)<br>30,79 (Newton)<br>37,66 (Newton)<br>41,22 (Newton)<br>33,07 (Newton)<br>63,97 (Newton)<br>63,76 (Newton)<br>70,16 (Newton)<br>67,19 (Newton)<br>75,29 (Newton) | 2 (>20N)          | PASS       |
| Tensile strength<br>ISO 13934-1                        | 32,61 (Newton)<br>36,58 (Newton)<br>32,50 (Newton)<br>37,19 (Newton)<br>33,12 (Newton)<br>63,38 (Newton)<br>56,37 (Newton)<br>57,27 (Newton)                                     | 1 (>30N)          | PASS       |

|   |  |                                       |      |
|---|--|---------------------------------------|------|
|   | 67,55 (Newton)<br>65,42 (Newton)   |                                       |      |
| Puncture resistance<br>EN 863+ BS EN 14325 Part 4.10                          | 5,58 (Newton)<br>5,82 (Newton)<br>5,21 (Newton)<br>5,25 (Newton)   | 1 (>5N)                               | PASS |
| Repellency to liquids<br>EN ISO 6530+ BS EN 14325 Part 4.12,13                | H <sub>2</sub> SO <sub>4</sub> : 99<br>NaOH: 98  | 3 (>90N)<br>3 (>90N)                  | PASS |
| Resistance to penetration by liquids<br>EN ISO 6530+ BS EN 14325 Part 4.12,13 | H <sub>2</sub> SO <sub>4</sub> : 0,0<br>NaOH: 0,0  | 3 (<1%)<br>3 (<1%)                    | PASS |
| Seam Strength<br>EN ISO 13935-2   | 45,29 (Newton)<br>46,84 (Newton)<br>45,76 (Newton)<br>62,24 (Newton)<br>45,46 (Newton)<br>81,10 (Newton)<br>80,73 (Newton)<br>75,08 (Newton)<br>59,49 (Newton) | 1 (>30N)                              | PASS |
| Resistance to penetration by spray liquid (spray test)<br>BS EN ISO 17491-4   | 0 cm <sup>2</sup>  | 3 times the maximum calibration stain | PASS |
| Resistance to penetration by jet of liquid (jet test)<br>BS EN ISO 17491-3    | 0 cm <sup>2</sup>  | 3 times the maximum calibration stain | PASS |
| Flex cracking resistance<br>EN ISO 7854+ BS EN 14325 Part 4.5                 | >500 cycles  | 1 (>500 cycle)                        | PASS |
| Permeation<br>ISO 6529  | No leakage (%40 NaOH 30 min)   | 2 (>30 min)                           | PASS |
| Total inward leakage<br>ISO 13982-2   | Ljmn:15,6-Ls:13,3 (%)  | Ljmn≤30 - Ls≤15                       | PASS |

## EN 14126:2003

| TEST  | RESULT     | PERFORMANCE LEVEL | EVALUATION |
|---|------------|-------------------|------------|
| Penetration by blood borne pathogens (Bacteriophage)<br>BS ISO 16604+ EN 14126 Part 4.1.4.1 | 0 (PFU/ml) | 3 (3,5 kPa)       | PASS       |

| TEST  | RESULT                   | PERFORMANCE LEVEL | EVALUATION |
|---|--------------------------|-------------------|------------|
| Resistance to wet bacterial penetration<br>ISO 22610:2018 + EN 14126 Part 4.1.4.2 | Total penetration 0,26 % | 1 (t< 15 min)     | PASS       |

| TEST   | RESULT       | PERFORMANCE LEVEL | EVALUATION |
|--|--------------|-------------------|------------|
| Resistance to penetration by biologically contaminant dust<br>BS EN ISO 22612+ EN 14126 Part 4.1.4.4 | 2,02 log cfu | 1 (2<log cfu<3)   | PASS       |

**EN 1149-5: 2018**

| TEST                            | RESULT | PERFORMANCE LEVEL | EVALUATION |
|---------------------------------|--------|-------------------|------------|
| Half decay time ( $t_{50}$ , s) | 2,96   | $T_{50} < 4$ sn   | PASS       |

**9. DECISION PROPOSAL**

Analysis and examinations YLD COVER 800 model coded personal protective equipment; EN ISO 13688:2013, EN 13034:2005+A1:2009, EN ISO 13982-1: 2004+A1:2010, EN 14126:2003, EN 1149-5: 2018 standards are evaluated. It is recommended to be certified at the performance levels specified as a result of technical evaluations.

**Reason for revision** : The scope has been expanded.

**CONTROLLER** : VOLKAN AKIN

**SING** :

**DATE** : 14.07.2021

