**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2021-10-28 | e-mail | CR/3166_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Truflex FR' on Q12216 dark blue from Mascot |
| dimension: | 10cm x10cm |
| description: | square white background with black letters |
| composition: | transfer: Silk screen-printed flame-retardant heat seal transfer with thermoplastic adhesive<br>fabric: 275 g/m², twill weave, 55% modacrylic/39% cotton/5% nylon/1% antistatic |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **transfer 'Truflex FR' (white background with black letters) on Q12216 dark blue from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.

Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2021-10-28 | e-mail | CR/3168_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Truflex FR' on Q12217 dark blue from Mascot |
| dimension: | 10 cmx10cm |
| description: | square white background with black letters |
| composition: | transfer: Silk screen-printed flame-retardant heat seal transfer with thermoplastic adhesive<br>fabric: 310 g/m², twill weave, 55% modacrylic/39% cotton/5% nylon/1% antistatic |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **transfer 'Truflex FR' (white background with black letters) on Q12217 dark blue from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.

Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2021-10-28 | e-mail | CR/3169_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Truflex FR' on Q10216 Dark Blue from Mascot |
| dimension: | 10cmx10cm |
| description: | square white background with black letters |
| composition: | transfer: Silk screen-printed flame-retardant heat seal transfer with thermoplastic adhesive<br>fabric: 275 g/m², twill weave, 60% modacrylic/40% cotton |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

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| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

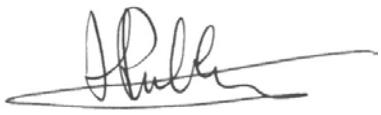
Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **transfer 'Truflex FR' (white background with black letters) on Q10216 Dark Blue from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.



Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
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**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2021-10-28 | e-mail | CR/3170_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Truflex FR' on Q10217 High Vis yellow from Mascot |
| dimension: | 10cm x10cm |
| description: | square white background with black letters |
| composition: | transfer: Silk screen-printed flame-retardant heat seal transfer with thermoplastic adhesive<br>fabric: 310 g/m², twill weave, 60% modacrylic/40% cotton |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

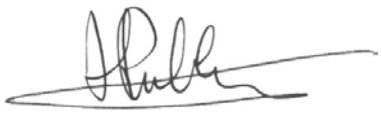
Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **transfer 'Truflex FR' (white background with black letters) on Q10217 High Vis yellow from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.



Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2019-01-22 | e-mail | CR/3173_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Ready FR' on Q12216 Dark Blue from Mascot |
| dimension: | 10cmx10cm |
| description: | square white background with black letters |
| composition: | transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing<br>fabric: 275 g/m², twill weave, 55% modacrylic/39% cotton/5% nylon/1% antistatic |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on emblem after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
| --- | --- | --- | --- |
| flame spread ISO 15025 procedure A on emblem after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **emblem 'Ready FR' (white background with black letters) on Q12216 Dark Blue from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.

Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2019-01-22 | e-mail | CR/3174_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Ready FR' on Q12217 Dark Blue Mascot |
| dimension: | 10cmx10cm |
| description: | square white background with black letters |
| composition: | transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing<br>fabric: 310 g/m², twill weave, 55% modacrylic/39% cotton/5% nylon/1% antistatic |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on emblem after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on emblem after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **emblem 'Ready FR' (white background with black letters and red logo from Thermopatch) on Q12217 Dark Blue from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.

Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2019-01-22 | e-mail | CR/3175_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Ready FR' on Q10216 Dark Blue from Mascot |
| dimension: | 10cmx10cm |
| description: | square white background with black letters |
| composition: | transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing<br>fabric: 275 g/m², twill weave, 60% modacrylic/40% cotton |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

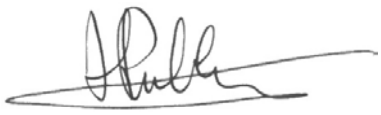
Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **transfer 'Ready FR' (white background with black letters) on Q10216 Dark Blue from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.



Hilde Rubben
By order of Inge De Witte
Certification Manager

**Dhr. Mark Neher**
**THERMOPATCH BV**
**Draaibrugweg 14**
**NL-1332 AD ALMERE**
**NEDERLAND**

| Your notice of | Your reference | our reference | date |
|---|---|---|---|
| 2019-01-22 | e-mail | CR/3176_2021 | 2021-11-22 |

# Certification report

## 1. Description of the tested article as indicated by the client:

| | |
|---|---|
| quality name: | heat seal transfer 'Ready FR' on Q10217 High Vis yellow from Mascot |
| dimension: | 10cmx10cm |
| description: | square white background with black letters |
| composition: | transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing<br>fabric: 310 g/m², twill weave, 60% modacrylic/40% cotton |

## 2. Executed tests:

| tests from EN ISO 11611 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br>No afterglow<br>No after flame | Pass |

| tests from EN ISO 11612 (2015) | Requirements for each individual test | Result | pass/fail |
|---|---|---|---|
| flame spread ISO 15025 procedure A on transfer after 5*(60°C 6N line dry proc. A) ISO 6330: 2012 | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole (≥ 5 mm) formation in any direction<br>After glow time ≤ 2s<br>No afterglow shall spread in the undamaged area<br>After flame time ≤ 2s | No flaming to the top or either vertical edge<br>No flaming or molten debris<br>No hole formation<br><br>No afterglow<br><br><br>No after flame | Pass |

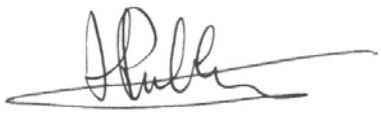
Detailed results can be found in:
Centexbel Analysis report 21.06031.02 of 2021-11-22

**3. Conclusion:**

The tested material **transfer 'Ready FR' (white background with black letters) on Q10217 High Vis yellow from Mascot** fulfils the requirements for the performed tests of

**EN ISO 11611: 2015**
**EN ISO 11612: 2015**

The personal protective equipment itself still has to be type tested by a notified body.



Hilde Rubben
By order of Inge De Witte
Certification Manager