



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

Your notice of
 2018-11-08

Your reference
 e-mail

our reference
 CR/2349_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Ten Cate BG9025
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Cotton/Polyester with FR finish/Static Control™ 79/20/1%, 260 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2s No afterglow shall spread in the undamaged area After flame time ≤ 2s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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page number
2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.01 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Ten Cate BG9025** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



Dhr. Mark Neher
THERMOPATCH BV
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NEDERLAND

Your notice of
 2018-07-18

Your reference
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our reference
 CR/2350_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Marina Textil code 6305
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Modacrylic/Cotton/Polyamid/antistatic 45/35/18/2%, 160 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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 2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
 Centexbel Analysis report 18.03644.02 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Marina Textil code 6305** 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.

Christophe Cousyn
 By order of Inge De Witte
 Certification Manager



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 CR/2351_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on TenCate code 1225
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Meta-aramid/Para-aramid/antistatic 93/5/2%, 170 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.03 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on TenCate code 1225** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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Your notice of
 2018-07-18

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 CR/2352_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Scheumer code 4958
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Cotton FR Treated 100%, 240 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow 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 emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.04 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Scheumer code 4958** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on TenCate XL9240
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: PPAN-FR/Cellulosic/Para-aramid/Anti-static 51/43/5/1%, 240 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow 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 emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.05 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on TenCate XL9240** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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Your notice of
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date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR'/ 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Klopman code 7800
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Cotton FR treated/Polyester/antistatic 75/24/1%, 250 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow 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 emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.06 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Klopman code 7800** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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Your notice of
 2018-07-18

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our reference
 CR/2355_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on TenCate BV9120
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Nomex III/Para-aramid/static control 94/5/1%, 265 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow 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 emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.07 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on TenCate BV9120** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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NEDERLAND

Your notice of
 2018-07-18

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 CR/2356_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Westex code S1200
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Vinyl/CV (Viscose) 85/15%, 288 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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page number
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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 emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.08 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Westex code S1200** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Marina Textil code 7319
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: CV (Viscose)/Wool/Polyamide 50/30/20%, 310 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.09 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Marina Textil code 7319** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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Your notice of
 2018-07-18

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our reference
 CR/2358_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Utexbel code 8018
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Kermel/CV (Viscose) 70/30%, 230 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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CR/2358_2018

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2018-12-10

page number
2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.10 of 2018-07-18

3. Conclusion:

The tested material emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Utexbel code 8018 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



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

Your notice of
 2018-07-18

Your reference
 e-mail

our reference
 CR/2359_2018

date
 2018-12-10

Certification report

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

quality name: emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Ten Cate XL9200
 dimension: 10cmx10cm
 composition: emblem: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: PPAN-FR/Lyocell/Static Control, 200 g/m²

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*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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CR/2359_2018

date
2018-12-10

page number
2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.8 + proc. A tumble dry) ISO 15797	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.03644.11 of 2018-07-18

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch) on Ten Cate XL9200** 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.

Christophe Cousyn
By order of Inge De Witte
Certification Manager



Dhr. Mark Neher
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NEDERLAND

Your notice of
 2019-01-22

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 CR/161_2019

date
 2019-01-24

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on Klopman Challenger 5000FR
 dimension: 10cmx10cm
 description: square white background with black letters and red logo from Thermopatch
 composition: transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Cotton/PES Proban® treated 75/25 % 360 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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page number
2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.06800.12 of 2018-12-20

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch)** on **Challenger 5000FR Klopman** 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



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 2019-01-24

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on Megatec 245 Klopman
 dimension: 10cmx10cm
 description: square white background with black letters and red logo from Thermopatch
 composition: transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
 fabric: Cotton/PES/antistatic 75/24/1 % 245 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.06800.13 of 2018-12-20

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame'** (white background with black letters and red logo from Thermopatch) on Megatec 245 Klopman 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

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2019-01-22

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2019-01-24

Certification report

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

quality name:	heat seal transfer 'Ready FR' / 'Digiline Flame' on Megatec 360N Klopman
dimension:	10cmx10cm
description:	square white background with black letters and red logo from Thermopatch
composition:	transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing fabric: Cotton/PES treated/antistatic 75/24/1 % 350 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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page number
2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time $\leq 2s$ No afterglow shall spread in the undamaged area After flame time $\leq 2s$	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:

Centexbel Analysis report 18.06800.14 of 2018-12-20

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame'** (white background with **black letters and red logo from Thermopatch**) on Megatec 360N Klopman 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.

John J. Hall

Hilde Rubben
By order of Inge De Witte
Certification Manager



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2019-01-24

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on BG9035 Ten Cate
dimension: 10cmx10cm
description: square white background with black letters and red logo from Thermopatch
composition: transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
fabric: Cotton/PES/antistatic 79/20/1 % 350 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2s No afterglow shall spread in the undamaged area After flame time ≤ 2s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow 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 emblem after 5*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.06800.15 of 2018-12-20

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch)** on **BG9035 Ten Cate** 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



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2019-01-24

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on Marko AT320 FC
Marina Textiles
dimension: 10cmx10cm
description: square white background with black letters and red logo from
Thermopatch
composition: transfer: Digital printable textile based on a FR product with PU glue
at the bottom for heat sealing
fabric: Modacryl/Cotton/antistatic 54/44/2 % 320 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.06800.16 of 2018-12-20

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch)** on **Marko AT320 FC Marina Textiles** 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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NEDERLAND

Your notice of
2019-01-22

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CR/166_2019

date
2019-01-24

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on 89416 Corporate
dimension: 10cmx10cm
description: square white background with black letters and red logo from Thermopatch
composition: transfer: Digital printable textile based on a FR product with PU glue at the bottom for heat sealing
fabric: PES/modacryl/aramide/viscose/antistatic 31/28/20/20/1 % 320 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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2019-01-24

page number
2

tests from EN ISO 11612 (2015)	Requirements for each individual test	Result	pass/fail
flame spread ISO 15025 procedure A on emblem after 5*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

Detailed results can be found in:
Centexbel Analysis report 18.06800.17 of 2018-12-20

3. Conclusion:

The tested material **emblem 'Ready FR' / 'Digiline Flame' (white background with black letters and red logo from Thermopatch)** on 89416 Corporate 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



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Your notice of
2019-01-22

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our reference
CR/167_2019

date
2019-01-28

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on Bodyguard
Ultimate 2.0 water repellent finish 2678/75860 Gauthier
dimension: 10cmx10cm
description: square white background with black letters and red logo from
Thermopatch
composition: transfer: Digital printable textile based on a FR product with PU glue
at the bottom for heat sealing
fabric: Modacryl Protex/ Pes/Co/antistatic fibre 29/46/24/1% 290 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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Your notice of
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date
2019-01-28

Certification report

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

quality name: heat seal transfer 'Ready FR' / 'Digiline Flame' on 7915 C6 finish
orange HV09 2682/75922 Utexbel
dimension: 10cmx10cm
description: square white background with black letters and red logo from
Thermopatch
composition: transfer: Digital printable textile based on a FR product with PU glue
at the bottom for heat sealing
fabric: ViscoseFR/PA/Pes/Modacryl/Para-aramide/Aramide/Carbon
fibre 25/3/34/13/19/5/1 % 270 g/m²

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*(75°C proc. 4.2 + proc. A tumble dry) ISO 15797: 2018	No flaming to the top or either vertical edge No flaming or molten debris No hole (≥ 5 mm) formation in any direction After glow time ≤ 2 s No afterglow shall spread in the undamaged area After flame time ≤ 2 s	No flaming to the top or either vertical edge No flaming or molten debris No hole formation No afterglow No after flame	Pass

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