



**Dhr. Hans Vlietstra
Ten Cate Protect bv
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NEDERLAND**

Your notice of
2014-02-24

Your reference

our reference
CR/532_2014

date
2014-02-25

Certification report

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

quality name: TenCate Tecashield® - BV9120
mass: 265 g/m²
weave: 3/1 twill
composition: Nomex® III/para-aramid/Static-Control™ 94/5/1%

2. Executed tests:

tests from EN 340: 2003	requirements	result
dimensional stability 5x(75°C proc. 4.8 + proc. A)ISO15797	not exceed ± 3% knitted fabrics: not exceed ± 5%	Wa: -1.5% We: -2.0%
colour fastness to perspiration colour black Nero 89239	change: at least 4 of the grey scale	4
pH colour black Nero 89239	> 3.5 and < 9.5	9.5
azo dye stuffs colour black Nero 89239	< detection limit	Pass

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Centexbel is authorised by decree of the Ministry of Employment and Labour AV/OA235/ST, dated 25/5/94 and identified under the number 0493 by the European Committee.

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tests from EN ISO 11611 textile	requirements	result
Pre-treatment 5x(75°C proc. 4.8 + proc. A) ISO15797		
tensile strength after pre-treatment	at least 400 N	Wa: 1700 N We: 1400 N
tearing resistance (trouser shape) after pre-treatment	at least 20 N	Wa: 68 N We: 63 N
bursting resistance 50cm ² after pre-treatment	> 200 kPa	Not applicable
flame spread after maximum number of washing(code A1)	<ul style="list-style-type: none"> - no afterflame, (≤ 2s) - no afterglow (≤ 2s) in undamaged area - no flaming debris - no molten debris - no flaming to the top or either side edge - no hole formation 	Single layer A1 number of washing cycles: 100
welding drops after pre-treatment	class 1: minimum 15 droplets class 2: minimum 25 droplets	20 droplets Class1
radiant heat after pre-treatment	class 1: RHTI ₂₄ > 7 s class 2: RHTI ₂₄ >16 s	RHTI ₂₄ : 16.9s Class1
electrical vertical resistance 20°C and 85% after pre-treatment	> 10 ⁵ Ω	R: 9.2 x 10 ¹⁰ Ω

Detailed results can be found in:

- Analysis report Centexbel 12.02000.01 dd. 2012-05-25
- Analysis report Centexbel 13.04401.01 dd. 2013-11-21
- Analysis report Centexbel 13.04401.03 dd. 2014-02-25
- Analysis report Centexbel 14.00355.01 dd. 2014-02-20



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3. Conclusion:

The tested material **TenCate Tecashield® - BV9120** fulfils the requirements for the performed tests of

EN ISO 11611: 2007
class1 index A1

The tested material **TenCate Tecashield® - BV9120 colour nero 89239** fulfils the requirements for the performed tests of

EN 340: 2003

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

A handwritten signature in blue ink, appearing to be 'Hilde Rubben', written over a horizontal line.

Hilde Rubben
By order of Inge De Witte
Certification Manager