



**CENTROCOT**  
Innovation experience



Notified Body n. 0624

© Centro Tessile Cotoniero e Abbigliamento S.p.A.  
1 - Piazza S. Anna, 2 - 21052 Busto Arsizio (VA)  
tel. +39 0331 696711 - fax +39 0331 680056

## EU TYPE-EXAMINATION CERTIFICATE

No **CE 0460180751 -00 - 00**

According to "Regulation (EU) 2016/425 of the European Parliament and of the Council" of 9<sup>th</sup> March 2016 on Personal Protective Equipment and repealing Council Directive 89/686/EEC

**Centro Tessile Cotoniero e Abbigliamento S.p.A.**  
**P.zza Sant'Anna, 2 - 21052 Busto Arsizio (VA) - Italia**

**EEC Notified Body N° 0624**

- in view of the firm's application submitted on: 11.06.2018;
- in view of the positive results of the Technical File verification submitted by the manufacturer together with the above mentioned request;
- in view of the manufacturer's declaration stated in the Technical File attached to the above mentioned request
- having verified that technical specification of design and manufacture is in compliance with basic requirements specified in annex II of Regulation (EU) 2016/425 and that technical manufacturing documentation is in compliance with above mentioned specifications;
- in view of the positive test results carried out on the basic model representative of production according to paragraph 4 of annex V of Regulation (EU) 2016/425 and to Standards:

**EN ISO 20471:2013/A1:2016**

Issues to:

**COFRA S.r.l.**  
**Via dell'Euro, 53-57-59 - 76121 Barletta BT**

the EU Type-Examination Certificate concerning the following PPE model:

**High visibility trousers**

**LIGHT code V019-0-01**

Category: **II** (second)





## Basic type description

**LIGHT**  
code V019-0-01

Trousers with waist belt with loops, central opening closed by zip with flap and buttonhole and button at waist, two pockets on hips, one patch pocket on right side, a patch pocket on the left thigh, a back pocket on the right, a back pocket on the back on the thigh right. two retroreflective bands of h = 7 cm surround the legs of the trousers.

Fluorescent fabric

60% polyester 40% cotton Twill 290 g/m<sup>2</sup> Fuzhou Luxe - Orange

Pocket lining

60% polyester 40% cotton 140 g/m<sup>2</sup>

No fluorescent fabric:

60% cotton 40% polyester 290 g/m<sup>2</sup> Fuzhou Luxe color Grey

Retroreflective tape on pocket:

art 8910 silver/grey 3M<sup>®</sup>

Retroreflective tape on legs:

art 8910 silver/grey 3M<sup>®</sup>



## Variations description

Color

**LIGHT**  
code V019-0-00

Same as the basic type manufactured with fluorescent fabric:

60% polyester 40% cotton Twill 290 g/m<sup>2</sup> Fuzhou Luxe - color yellow

**RAY**  
code V071-0-00

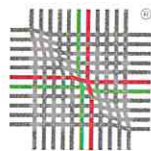
Same as the basic type manufactured with:

Fluorescent fabric

60% cotton 40% polyester 245 g/m<sup>2</sup> Wujiang Yungsheng color yellow

No fluorescent fabric:

60% cotton 40% polyester 245 g/m<sup>2</sup> color Grey



**CENTROCOT**  
Innovation experience



Notified Body n. 0624

© Centro Tessile Cottoniero e Abbigliamento S.p.A.  
1 - Piazza S. Anna, 2 - 21052 Busto Arsizio (VA)  
tel. +39 0331 696711 - fax +39 0331 680056

**RAY**  
code **V071-0-01**

Same as V071-0-00 type manufactured with fluorescent fabric:  
60% cotton 40% polyester 245g/m<sup>2</sup> Wujiang Yungsheng color orange

**RAY**  
code **V071-0-02**

Same as V071-0-01 type manufactured with no fluorescent fabric  
60% cotton 40% polyester, 245 g/m<sup>2</sup> - color navy.

**RAY**  
code **V071-0-03**

Same as V071-0-00 type manufactured with no fluorescent fabric  
60% cotton 40% polyester, 245 g/m<sup>2</sup> - color navy.

**RAY**  
code **V071-0-04**

Same as V071-0-01 type manufactured with no fluorescent fabric  
65% polyester 35% cotton, 245 g/m<sup>2</sup> - color green.

**RAY**  
code **V071-0-05**

Same as V071-0-00 type manufactured with no fluorescent fabric  
65% polyester 35% cotton, 245 g/m<sup>2</sup> - color green.

**RAY**  
code **V071-0-06**

Same as V071-0-01 type entirely manufactured with fluorescent fabric

**RAY**  
code **V071-0-07**

Same as V071-0-00 type entirely manufactured with fluorescent fabric

**LIGHT**  
code **V019-0-06**

Same as the basic type entirely manufactured with fluorescent fabric

**LIGHT**  
code **V019-0-07**

Same as V019-0-00 type entirely manufactured with fluorescent fabric

**LIGHT**  
code **V019-0-02**

Same as the basic type manufactured with no fluorescent fabric:  
60% cotton 40% polyester, 245 g/m<sup>2</sup> - color navy

**LIGHT**  
code **V019-0-03**

Same as V019-0-00 type manufactured with no fluorescent fabric  
60% cotton 40% polyester, 245 g/m<sup>2</sup> - color navy.

**LIGHT**  
code **V019-0-04**

Same as the basic type manufactured with no fluorescent fabric:  
65% polyester 35% cotton, 245 g/m<sup>2</sup> - color green.

**LIGHT**  
code **V019-0-05**

Same as V019-0-00 type manufactured with no fluorescent fabric  
65% polyester 35% cotton, 245 g/m<sup>2</sup> - color green.

Retroreflective tape

**LIGHT**  
code **V019-4-01**

Same as the basic type manufactured with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-00**

Same as V191-0-00 type with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-02**

Same as V019-0-02 type with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-03**

Same as V019-0-03 type with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-04**

Same as V019-0-04 type with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-05**

Same as V019-0-05 type with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-06**

Same as V019-0-06 type with retroreflective tape:  
art. "9910", silver/grey, 3M.

**LIGHT**  
code **V019-4-07**

Same as V291-0-07 type with retroreflective tape:  
art. "9910", silver/grey, 3M.



# CENTROCOT



**CENTROCOT**  
Innovation experience



Notified Body n. 0624

© Centro Tessile Cottoniero e Abbigliamento S.p.A.  
I - Piazza S. Anna, 2 - 21052 Busto Arsizio (VA)  
tel. +39 0331 696711 - fax +39 0331 690056

<b>RAY</b> code <b>V071-4-01</b>	Same as V071-0-01 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-00</b>	Same as V071-0-00 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-02</b>	Same as V071-0-02 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-03</b>	Same as V071-0-03 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-04</b>	Same as V071-0-04 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-05</b>	Same as V071-0-05 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-06</b>	Same as V071-0-06 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>RAY</b> code <b>V071-4-07</b>	Same as V071-0-07 type with retroreflective tape: art. "9910", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-5-01</b>	Same as the basic type manufactured with retroreflective tape: art. "9920", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-5-00</b>	Same as V019-0-00 type with retroreflective tape: art. "9920", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-5-02</b>	Same as V019-0-02 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>LIGHT</b> code <b>V019-5-03</b>	Same as V019-0-03 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>LIGHT</b> code <b>V019-5-04</b>	Same as V019-0-04 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>LIGHT</b> code <b>V019-5-05</b>	Same as V019-0-05 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>LIGHT</b> code <b>V019-5-06</b>	Same as V019-0-06 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>LIGHT</b> code <b>V019-5-07</b>	Same as V019-0-07 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-01</b>	Same as V071-0-01 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-00</b>	Same as V071-0-00 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-02</b>	Same as V071-0-02 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-03</b>	Same as V071-0-03 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-04</b>	Same as V071-0-04 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-05</b>	Same as V071-0-05 type with retroreflective tape: art. "9920", silver/grey, 3M



# CENTROCOT



**CENTROCOT**  
Innovation experience



Notified Body n. 0624

© Centro Tessile Cottoniero e Abbigliamento S.p.A.  
I - Piazza S. Anna, 2 - 21052 Busto Arsizio (VA)  
tel. +39 0331 696711 - fax +39 0331 680056

<b>RAY</b> code <b>V071-5-06</b>	Same as V071-0-06 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>RAY</b> code <b>V071-5-07</b>	Same as V071-0-07 type with retroreflective tape: art. "9920", silver/grey, 3M
<b>LIGHT</b> code <b>V019-6-01</b>	Same as the basic type manufactured with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-00</b>	Same as V019-0-00 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-02</b>	Same as V019-0-02 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-03</b>	Same as V019-0-03 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-04</b>	Same as V019-0-04 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-05</b>	Same as V019-0-05 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-06</b>	Same as V019-0-06 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>LIGHT</b> code <b>V019-6-07</b>	Same as V019-0-07 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>RAY</b> code <b>V071-6-01</b>	Same as V071-0-01 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>RAY</b> code <b>V071-6-00</b>	Same as V071-0-00 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>RAY</b> code <b>V071-6-02</b>	Same as V071-0-02 type with retroreflective tape: art. "9925", silver/grey, 3M.
<b>RAY</b> code <b>V071-6-03</b>	Same as V071-0-03 type with retroreflective tape: art. "9925", silver/grey, 3M
<b>RAY</b> code <b>V071-6-04</b>	Same as V071-0-04 type with retroreflective tape: art. "9925", silver/grey, 3M
<b>RAY</b> code <b>V071-6-05</b>	Same as V071-0-05 type with retroreflective tape: art. "9925", silver/grey, 3M
<b>RAY</b> code <b>V071-6-06</b>	Same as V071-0-06 type with retroreflective tape: art. "9925", silver/grey, 3M
<b>RAY</b> code <b>V071-6-07</b>	Same as V071-0-07 type with retroreflective tape: art. "9925", silver/grey, 3M
<b>LIGHT</b> code <b>V019-7-01</b>	Same as the basic type manufactured with retroreflective tape: art. "D1002", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-7-00</b>	Same as V019-0-00 type with retroreflective tape: art. "D1002", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-7-02</b>	Same as V019-0-02 type with retroreflective tape: art. "D1002", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-7-03</b>	Same as V019-0-03 type with retroreflective tape: art. "D1002", silver/grey, Daoming Optics & Chemical.



# CENTROCOT



**CENTROCOT**  
Innovation experience



Notified Body n. 0624

© Centro Tessile Cottoniero e Abbigliamento S.p.A.  
I - Piazza S. Anna, 2 - 21052 Busto Arsizio (VA)  
tel. +39 0331 696711 - fax +39 0331 690056

**LIGHT**  
code **V019-7-04**

Same as V019-0-04 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-7-05**

Same as V019-0-05 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-7-06**

Same as V019-0-06 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-7-07**

Same as V019-0-07 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-01**

Same as V071-0-01 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-00**

Same as V071-0-00 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-02**

Same as V071-0-02 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-03**

Same as V071-0-03 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-04**

Same as V071-0-04 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-05**

Same as V071-0-05 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-06**

Same as V071-0-06 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-7-07**

Same as V071-0-07 type with retroreflective tape:  
art. "D1002", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-01**

Same as the basic type manufactured with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-00**

Same as V019-0-00 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-02**

Same as V019-0-02 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-03**

Same as V019-0-03 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-04**

Same as V019-0-04 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-05**

Same as V019-0-05 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-06**

Same as V019-0-06 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**LIGHT**  
code **V019-8-07**

Same as V019-0-07 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-8-01**

Same as V071-0-01 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.

**RAY**  
code **V071-8-00**

Same as V071-0-00 type with retroreflective tape:  
art. "D1001", silver/grey, Daoming Optics & Chemical.



# CENTROCOT



**CENTROCOT**  
Innovation experience



Notified Body n. 0624

© Centro Tessile Cottoniero e Abbigliamento S.p.A.  
I - Piazza S. Anna, 2 - 21052 Busto Arsizio (VA)  
tel. +39 0331 696711 • fax +39 0331 680056

<b>RAY</b> code <b>V071-8-02</b>	Same as V071-0-02 type with retroreflective tape: art. "D1001", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-8-03</b>	Same as V071-0-03 type with retroreflective tape: art. "D1001", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-8-04</b>	Same as V071-0-04 type with retroreflective tape: art. "D1001", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-8-05</b>	Same as V071-0-05 type with retroreflective tape: art. "D1001", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-8-06</b>	Same as V071-0-06 type with retroreflective tape: art. "D1001", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-8-07</b>	Same as V071-0-07 type with retroreflective tape: art. "D1001", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-01</b>	Same as the basic type manufactured with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-00</b>	Same as V019-0-00 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-02</b>	Same as V019-0-02 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-03</b>	Same as V019-0-03 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-04</b>	Same as V019-0-04 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-05</b>	Same as V019-0-05 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-06</b>	Same as V019-0-06 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>LIGHT</b> code <b>V019-9-07</b>	Same as V019-0-07 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-01</b>	Same as V071-0-01 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-00</b>	Same as V071-0-00 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-02</b>	Same as V071-0-02 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-03</b>	Same as V071-0-03 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-04</b>	Same as V071-0-04 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-05</b>	Same as V071-0-05 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-06</b>	Same as V071-0-06 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.
<b>RAY</b> code <b>V071-9-07</b>	Same as V071-0-07 type with retroreflective tape: art. "D6110", silver/grey, Daoming Optics & Chemical.





## Shape

Garment can be manufactured with the following shape variants:

- with non fluorescent fly closure pocket shape
- with expandable pocket on both legs.
- with two pockets on front side covered by flap closed by hook and loop tape.
- without belt loops.
- without pocket on leg.
- with increased leght.
- with inner coulisse manufactured with the same fluorescent fabric.
- with pince.

## Sizes

44-64

## Standards

<b>EN ISO 13688:2013</b>	Protective clothing - general requirements
<b>EN ISO 20471:2013/A1:2016</b>	Protective clothing: High-visibility clothing
<b>RAILWAY GROUP STANDARD GO/RT3279</b>	High-visibility clothing

## Performance levels

<b>class 2</b>	≥ 0.50 m <sup>2</sup> of background material ≥ 0.13 m <sup>2</sup> of retroreflective material
----------------	---

## Use

Clothing to be worn in low visibility situations under any light conditions by day and under illumination by vehicle head lights in the dark. Other different uses are excluded.

## Tests

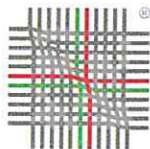
The test results are included in the report: 18RA08562.

## Marking

The following information are listed on the label inside the garment:

- |                |                           |
|----------------|---------------------------|
| ▪ CE marking   | ▪ Standardized pictograms |
| ▪ Company name | ▪ Maintenance symbols     |
| ▪ Article code | ▪ Fabric composition      |
| ▪ Standards    | ▪ PPE category            |





## Validity

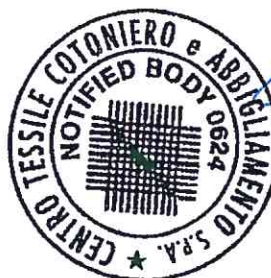
- This certificate has 5-year validity from issue date. On expiration date the Manufacturer will be responsible to require the renewal.
- The applied standards are the ones currently valid at issue date of this Certificate. The certificate validity is not ensured in case of reviewed standards before the expiry date.
- Any change on model and materials object of this Certificate shall be notified and then approved by Centrocot.

This certificate must be filed by the manufacturer and must be shown, if requested, to the Body that performs controls or to the surveillance authority

Busto Arsizio,

Issue date:  
31<sup>th</sup> October 2018

Expiry date:  
31<sup>th</sup> October 2023



General Manager  
Dr. Grazia Cerini