

# FUSION+

A COMBINATION OF PERFORMANCE, SAFETY AND STYLE

Inspired by the best assets of its predecessors, FUSION+ brings fantastic optical performance and greater comfort to the range.

Suitable for all welding, FUSION+ is the very essence of innovation.

## Fusion+



538 g



Ref. FUSV



Ref. BESM



Ref. COVFUSPINT



Ref. COVFUSPEXT

### SUPPLIED WITH

- Filter with variable shades 5-8 / 9-13
- Adjustable headband
- Screen guards

### TYPE

- Electro-optical center

### SPARE PARTS AVAILABLE

- Inner and outer screen guards
- Adjustable headband
- Sweatband

**+ LOW BATTERY SIGNAL & CHANGEABLE BATTERY**

**+ VARIABLE SHADES 5-8/9-13**

**+ REACTION TIME: 0.10 MS**

**+ UV AND IR PROTECTION**

**+ 4 INDEPENDENT SENSORS**

**+ 100 X 53 MM FIELD OF VISION**

**+ TWO YEAR WARRANTY**

**bolle**  
SAFETY

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| MODEL                             | REFERENCES | DESCRIPTION   | WEIGHT | NORMS       |
|-----------------------------------|------------|---|--------|-------------|
| <b>FUSION+<br/>Variable Shade</b> | FUSV       | Electro-optical helmet with:                                  | 538 g  | EN379/EN175 |
|                                   |            | • B7VP Electro-optical filter with variable shades 5-8 / 9-13 |        | EN379       |
|                                   |            | • Adjustable headband   |        | CE          |
|                                   | B7VP       | Electro-optical filter with variable shades 5-8 / 9-13        | 129 g  | EN379       |
|                                   | COVFUSPEXT | 115 x 104 mm outer screen guard                               | 7 g    | EN166       |
|                                   | COVFUSPINT | 105 x 58 mm inner screen guard                                | 15 g   | EN166       |
|                                   | STFUSP     | Adjustable headband   | 115 g  | CE          |
| BESM                              | Sweatband  | 3 g   | CE     |             |

## NORMS

### EN175, standard for helmets

EN175 is the European standard that specifies the requirements and test methods related to personal protective equipment used to protect the operator's eyes and face from harmful optical radiation and other specific risks due to regular welding or cutting processes or other associated techniques. The standard specifies protection, including ergonomic aspects, against various risks or hazards including radiation, fire, mechanical and electrical risks. This standard defines the terms used and specifies the requirements related to materials, design and manufacture.

### EN379, standard for filters

The specifications of the standard apply if such a filter is used for continuous observation of the welding process and if it is only used during the period when the arc is struck.

**Bollé Safety product approval certificates to CE standards will be sent on request.**

### Electro-optical filter B7VP

|                 |             |
|-----------------|-------------|
| DIMENSION       | 110 x 90 mm |
| LENS THICKNESS  | 10 mm       |
| FIELD OF VISION | 100 x 53 mm |
| SENSORS         | 4           |



### Sensors

|                |                                       |
|----------------|---------------------------------------|
| SENSORS        | 4 independent photoelectric detectors |
| POWER SUPPLY   | solar energy                          |
| CLEAR STATE    | Level DIN 4                           |
| DARKENED STATE | Level DIN 5-8/9-13                    |
| REACTION TIME  | 0.10 ms                               |



### CHARACTERISTICS

|             |   |
|-------------|---|
| USES        | Coated electrodes, MIG / MAG, TIG, PLASMA, grinding   |
| CONFORMS TO | EN379 / EN175 - UV et IR protection - permanent DIN16 |
| WARRANTY    | 1 years   |

## Markings B7VP

|  |   |               |  |  |  |                 |                           |   |   |        |   |
|--|---|---------------|--|--|--|-----------------|---------------------------|---|---|--------|---|
| 4/5-8 / 9-13                                     |  | 1             | /  | 1  | /  | 1               | /                         | 3 | / | EN 379 |  |
| Scale number of the clear state / darkened state | Identification of the manufacturer Bollé Safety                                     | Optical Class | Class number of the diffusion of the light | Class number of the variations in luminous transmittance class | Class number of the angle dependence of luminous transmittance | Standard number | European Community Symbol |   |   |        |   |

## Markings for the helmet

|   |   |                  |   |
|---|---|------------------|---|
|  | EN 175  | B                |  |
| Identification of the manufacturer Bollé Safety                                       | Reference standard about equipment for electric welding | Minimum Strength | European Community Symbol   |

### PACKAGING AND EAN13 CODE

| FUSV                      | B7VP                      | COVFUSPEXT              | COVFUSPINT              | STFUSP                  | BESM                   |
|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| 3660740005696<br>per unit | 3660740005702<br>per unit | 3660740006440<br>per 10 | 3660740006457<br>per 10 | 3660740006471<br>per 10 | 3660740004569<br>per 5 |



Non-contractual pictures  
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