

FUSION +

Active filters, An«intelligent»technology

Active welding filters provide reliable protection. Whether in a clear or darkened state, they ensure **permanent protection against UV/IR emissions, heat, sparks and projections**. The filter's degree of protection is defined to **avoid «blinding» by the electric arc**.

Active welding filters must always be used with a welding mask. When an electric arc is ignited, the active welding filters are **automatically darkened** and after the arc is extinguished, they return to the initial clear state. So the active welding filters free the welder's two hands, resulting in time savings, less fatigue and greatly improved quality thanks to a better placement of the arc. These filters must be protected by an external and internal polycarbonate protective screen.



Variable tint 5-8 / 9-13

Fusion+

WARRANTY
2 YEARS
525 g



4 independent sensor
XL field of vision: 100 x 53 mm

Ref. FUSV

The + product:

- Blocking of the cell to clear state for grinding
- Fine adjustment and progressive sensitivity
- Auto recovery delay adjustment
- Solar power
- Variable tint «5-8» / «9-13»
- Low battery indicator
- Replaceable battery

+ Nouvelle Technologie

FILTER
+ fine,
+ resistant,
+ light,
+ rapid

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FUSION +

Electro-optical welding range

bolle

SAFETY

Products ref.	DESCRIPTION	WEIGHT	STANDARDS
FUSV	Electro-optical welding helmet(complete),variable tint 5-8/9-13	525 g	EN379 / EN175
B7VP	Electro-optical filter, variable tint 5-8/9-13	159 g	EN379
COVFUSPEXT	Exterior screen guard 115 x 104 mm	14 g	EN166
COVFUSPINT	Interior screen guard 105 x 58 mm	7 g	EN166
STFUSP	Adjustable headgear	110 g	CE
BESM	Hygienic strip	4 g	CE

CHARACTERISTICS :

Adjustment of the auto recovery and sensitivity adjustment
 Regulation of the darkened tint, tint 5 to 8 and 9 to 13 (continuously)
 Fine and progressive adjustment of sensitivity to optimize ARC detection

Electro-optical filter B1VE :

Size	110 x 90 mm
Lens thickness	10 mm
Field of vision	100 x 53 mm
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
Conditions	between -10°C and 60°C

Auto recovery time adjustable from 0,1 s (fast) to 1 s (slow)

Utilization processes :

coated electrodes

MIG / MAG

TIG

Plasma

Conforms to :

EN379, EN175

permanent DIN 16 - UV and IR protection

Warranty :

2 years

PACKAGING AND EAN13 CODE:

FUSV	B7VP	COVFUSPEXT	COVFUSPINT	STFUSP
3660740005696	3660740006464	3660740006440	3660740006457	3660740006471
per piece	per bag of 10	per bag of 10	per bag of 10	per piece



L FUSV

Mask painted in ZYTEL in high heat-resistant polyamide
 Adjustable head band, blocking position
 Interchangeable hygienic strip
 «Antireflection» exterior «toric» screen guard 115 x 104 mm
 Interior guard screen : 105 x 58 mm
 Ultra easy to change screen guard and filter
 Special heat reflecting black shiny
 Low battery indicator
 Replaceable battery
 Conforms to EN175
 Lightweight : 247 g

Notified
laboratories
for
certification :

BSI
Product Services



DIN

INSPEC