

MADE IN SPAIN

DATASHEET



WELDING FACE SHIELD

420



MADE IN SPAIN

Application

The welding helmet mod. 420 can be used for all types of welding processes as of 5A (MIG / MAG electrodes, TIG / WIG, plasma-jet cutting and welding) except por laser and gas welding. It is specially recommended for TIG welding as it is equipped with a special detector for this kind of welding.

Shield characteristics

The fastener system consists of a headgear with two straps (contour strap and cross strap). The circumference of the contour strap can be adjusted comfortably by turning the wing nut at the rear of the contour strap and the length of the cross strap can also be adjusted to seven different positions. The contour strap has two cushions that prevent discomfort at the points where the strap touches the wearer's head.

Shades

Clear 4 and variable 9-13

Helmet shell size

325 x 235 mm

Weight

528 g



Certificación CE CE Certification

EU Regulation (2016/425)

Norms:

EN 175: 1997

EN 379: 2003+A1:2009

Last update: 11/2019

Características del filtro

Filter characteristics

Clase óptica del filtro Optical class of filter	1
Clase por la difusión de la luz Diffusion of light class	1
Clase por la variación del factor de transmisión en el visible Variation of luminous transmittance class	1
Clase por la dependencia del factor de transmisión en el visible con el ángulo Angle dependence of luminous transmittance class	2
Tonos Shades	4 / 9 - 13
Control de tono Shade control	Sí Yes
Amolar Grid	Interno Internal
Dimensiones de filtro Filter size	110 x 90 x 9 mm
Campo de visión Field of vision	100 x 41 mm (4100 mm²)
Tiempo de reacción Response time	0,4 ms
Tiempo de retorno a tono claro Clearing time	0,1 - 1 s
Detectores de luz Light detectors	2
Ajuste de sensibilidad Sensitivity adjustment	Sí Yes
Alimentación Power supply	Baterías y células solares Bateries and solar cell
Protección Protection UV IR	Hasta Tono 16 Up to shade 16
Temperatura de utilización Working temperature	-10°C ~ a + 55°C
Temperatura de almacenamiento Storing temperature	-20°C ~ a + 70°C
ON / OFF	Automático Automatic
Indicador batería baja Low battery indicator	No

Uso recomendado

Recommended use

TIPO SOLDADURA / WELDING PROCESS	INTENSIDAD ARCO (AMPERIOS) ARC CURRENT (AMPS)	TONO PROTECCIÓN DARK SCALE
Electrodos recubiertos Covered electrodes	<60 60-100 100-150 150-200 200-300 300-450	8 9 10 11 12 13
MAG	<65 65-100 100-150 150-225 225-400 400-600	8 9 10 11 12 13
Soldadura MIG con metales pesados MIG with heavy metals	<125 125-175 175-250 250-350 350-450	9 10 11 12 13
Soldadura MIG con aleaciones ligeras MIC with light alloys	<175 175-225 225-300 300-400	10 11 12 13
Soldadura TIG TIG	<30 30-70 70-125 125-200 200-300 300-350	8 9 10 11 12 13
Acanalado arco-aire Air-arc gouging	<175 175-200 200-250 250-350	10 11 12 13
Corte de chorro de plasma Plasma jet cutting	<125 125-150 150-175 175-250 250-400	8 9 10 11 12
Soldadura al arco de microplasma Micro-plasma arc welding	<6 6-15 15-40 40-60 60-100 100-125 125-175 175-225 225-300	4 5 6 7 8 9 10 11 12

