

# FORGE FLEX

A premium welding hood with a flexible fit, superior durability, and distinctive style.

The Forge Flex flip-up leather mask offers high-performance protection with its split leather construction. This durable material effectively shields against high temperatures, heat, and arc light. The mask's lightweight and soft design ensures optimal comfort during extended wear. Additionally, its shawl design provides extra neck protection from potential splashes. Ideal for prolonged work in narrow spaces such as pipelines.



Narrow Environment



Flip-up



Lightweight

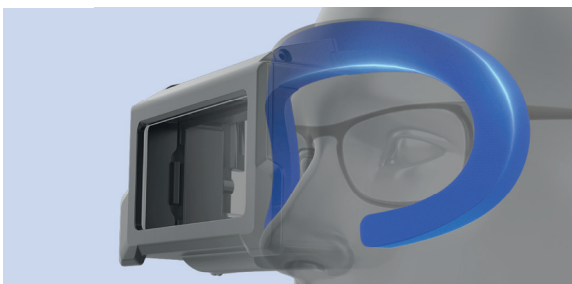


Forge Flex w/o ADF/DIN Glass  
EP379-0000-005

Forge Flex 8-13 ADF Mask  
EP380-0000-005

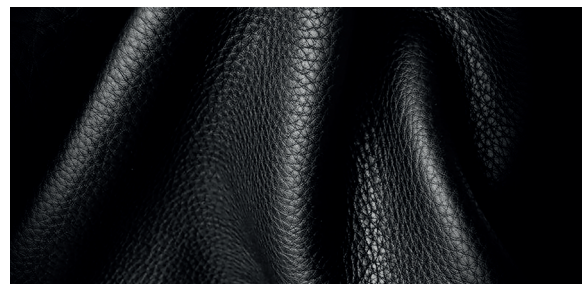
## Comfortable Eye Cushion

The 3D streamline soft sponge eye cushion offers a comfortable and ergonomic fit, reducing face pressure during long working hours. Includes a replaceable Velcro layer for added convenience and is compatible with glasses.



## Split Leather Material

Made with high-quality split leather material, the mask offers a combination of durability, softness, and elasticity. This skin-friendly texture provides a comfortable wearing experience while offering excellent resistance to abrasion and heat.



## T-shape Headgear

The headgear is highly adjustable, accommodates various head shapes. The T-shape design evenly distributes weight across the head, alleviating pressure and providing a robust fit. Suitable for prolonged wear.



Non-slip silicone



Buckle



Adjustable head size

## Features

### Exceptional sealing performance

The hinge part is meticulously crafted to prevent light leakage. Overall structure is engineered to avoid the accumulation of weld slag in the corners.



### Foldable and easily portable

Compact and portable, this foldable leather mask offers convenient storage and is ideal for on-the-go professionals.



### High compatibility

Leather mask compatible with auto-darkening filters and shade glasses, featuring easy-lift cover for seamless grinding transitions.



## Filter Specifications



Model	Forge Flex with Shade Glass (DIN8/9/10/11/12)	Forge Flex with 150F (DIN10/11)	Forge Flex with 110P (DIN 8-13)
Optical Class	--		1/1/2
Viewing Area	95x42mm (3.74"x1.65")	92x35mm (162"x1.38)	92.1x35.1mm (3.63"x1.38")
Cartridge Size		108x50.8x5mm (4.25"x2.0"x0.20")	108x50.8x8mm (4.25"x2.00x0.31")
Arc Sensor	--		2
Light State	--		DIN 3.0
Dark State	DIN8/9/10/11/12		DIN 8-13
Shade Control	--		Internal
Power On/Off	--		Automatic On / Off
Sensitivity Control	--		Low - High, by infinitely dial knob
UV/IR Protection		Up to Shade DIN16 at all times	
Power Supply	--	Solar cell. Battery replaceable, No battery change required	Solar cell. Battery replaceable, 2 x CR1025 lithium battery
Switching Time		1/4,000 s. from Light to Dark	1/10,000 s. from Light to Dark
Delay (Dark to Light)		0.25 - 0.45 s	0.1 - 1.0 s by infinitely dial knob
Low Amperage TIG Rated	--	≥ 35 amps (DC); ≥ 35 amps (AC)	≥ 5 amps (DC); ≥ 5 amps (AC)
Low Battery Indicator		--	Yes
Operating Temperature	-20°C to 70°C (-4°F to 158°F)	-5°C to 55°C (23°F to 131°F)	-10°C to 55°C (14°F to 131°F)
Storing Temperature	-20°C to 70°C (-4°F to 158°F)	-20°C to 70°C (-4°F to 158°F)	-20°C to 70°C (-4°F to 158°F)
Mask Material		Split leather	
Application Range	Stick Welding (SMAW); TIG DC&AC; TIG Pulse DC; TIG Pulse AC; MIG/MAG/CO2; MIG/MAG Pulse; Plasma Arc Cutting (PAC); Plasma Arc Welding (PAW); Air Carbon Arc Cutting (CAC-A);		
Approved		CE, EN 166, DIN 58214, UKCA, EAC	