

Experts to the Welding Industry

www.nautilussubseawelding.com

NAUTILUS

SUBSEA WELDING

Auto-Darkening Welding Filter



ELECTRODES

General

The **NAUTILUS Auto-Darkening Welding Filter** is designed to fit into the **NAUTILUS "Flip-Up"** Welding Lens Visor but also will fit into other common welding assemblies. It provides a very essential welding or cutting accessory, with the added benefit, there is no need to continually lift the assembly up and down, as the diver can see through the filter, thereby, saving time (depending upon water conditions). It also allows the diver for easy and accurate re-striking, making for improvements in weld quality and performance, as well as offering a real benefit as a training aid. The filter is powered by the arc, no batteries, knobs or switches and comes with a 2 year no quibble guarantee. The filter is designed to operate at approximately #8-12 (EN 175/EN 379), which will typically cover most underwater welding and cutting operations and has a background filter strength set at #2-3.



EQUIPMENT

Instructions

Keep these holes always clear and uncovered



TRAINING

Benefits

- No batteries
- Wide range of Darkening shades #8-12
- Real Colour Background Filter - No need to lift the assembly visor up and down
- Fully Waterproof
- Improves Productivity
- Improves Quality



CONSULTANCY

Filter Dimensions 108mm X 51mm

* Only competent person (in accordance to IMCA D018) following fitting instructions shall conduct products' installation

Operational lifetime depends on the handling, not on the design

Quality

Innovation

Expertise

Training & Certification

To place an order contact our local partner or visit our website

Nautilus Subsea Welding

41 Propylaion Street. Rita Court 50

4th Floor. Flat 401. P.O.: 1048

Nicosia, CYPRUS

Registration No.: HE 401334

Tax Identification No.: 10401334

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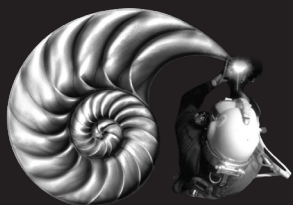
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Product Name	Nautilus "Real Colour"
Product Type	Auto-Darkening Filter
Item number	7000-7
Light state	2.5
Dark state	8 - 12
Switching Time	0.1 ms @23 Celcius
Delay Time	0.2 - 0.5 s automatically adjusted
Active Viewing Area	100 x 35 mm
Filter Dimension	108 x 51 mm*
Lens Thickness	4.5 mm
Immersion Resistance	Waterproof 5h/50m - IP68
Optical Classes	1/1/1/2
Standards	EN175/EN379
Sensitivity	NIR
Solar Cells	Yes
Quantity of Sensors	2 + 2
Battery Type	No Battery
Battery Replaceable	-
Storage Temperature	-10 to +40 C / 14 to 104 F
Operating Temperature	-10 to +70 C / 14 to 158 F
Weight	43 gr
Material	Glass / Plastic
Lifetime Product	min. 8 Years

Technical specifications showed as provided by the manufacturer

* Dimensions varies +/- 1 mm

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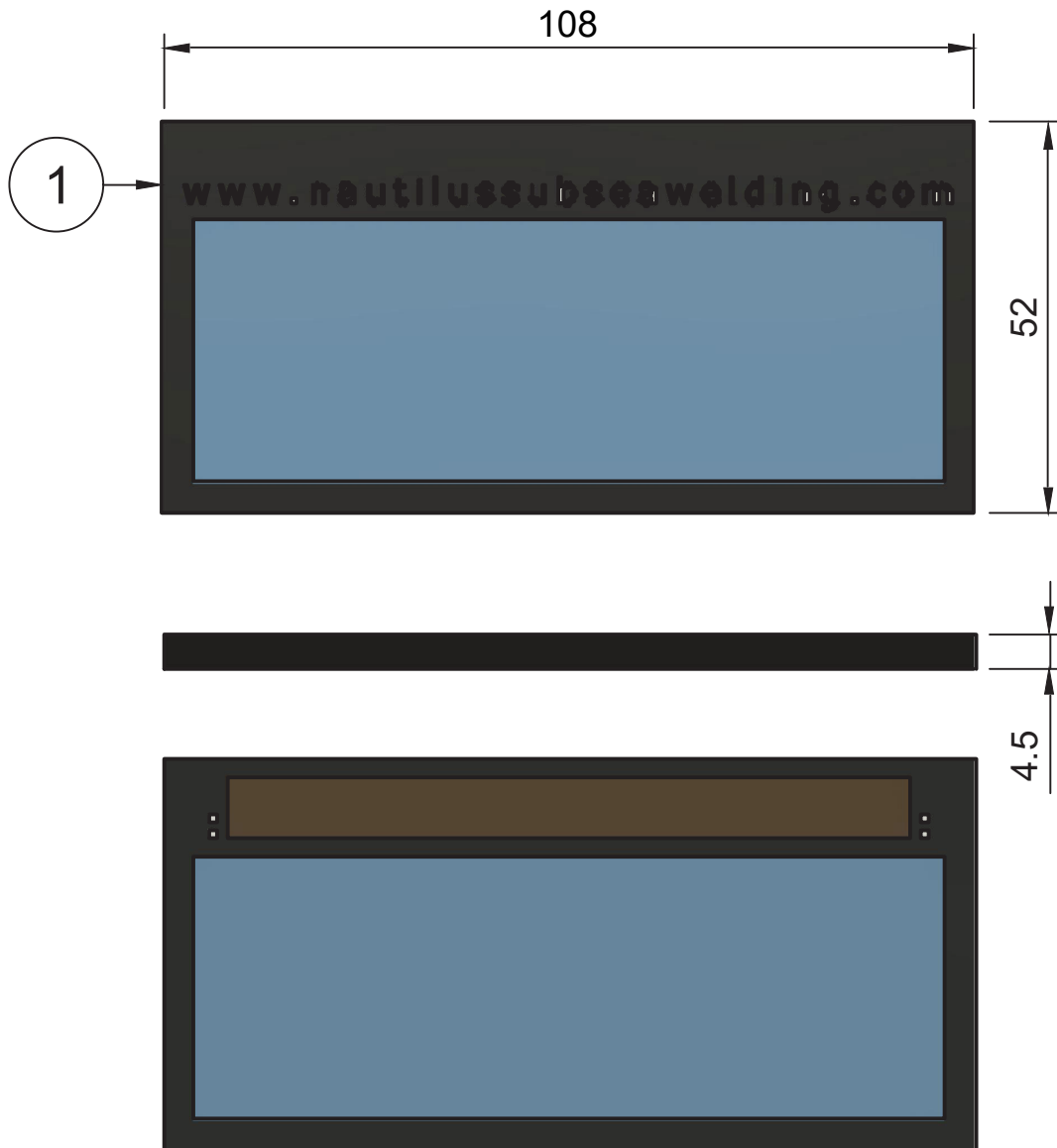
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Parts List

Item	Qty	Part Number	Description	Material
1	1	7000-7	Auto-Darkening Welding Filter	Rilsan Invent Natural - PA 11



NAUTILUS
SUBSEA WELDING

MANUFACTURER

MAREX SUBSEA WELD LTD

OWNER

NAUTILUS SUBSEA WELDING LTD

TITLE

PART # 7000-7
AUTO-DARKENING WELDING FILTER

DATE

21/04/2020

DOCUMENT STATUS

ACTIVE

DWG No

MSSW-DWG-2020-002

Rev.
03

Date of issue
01/05/2020

Sheet
1/1