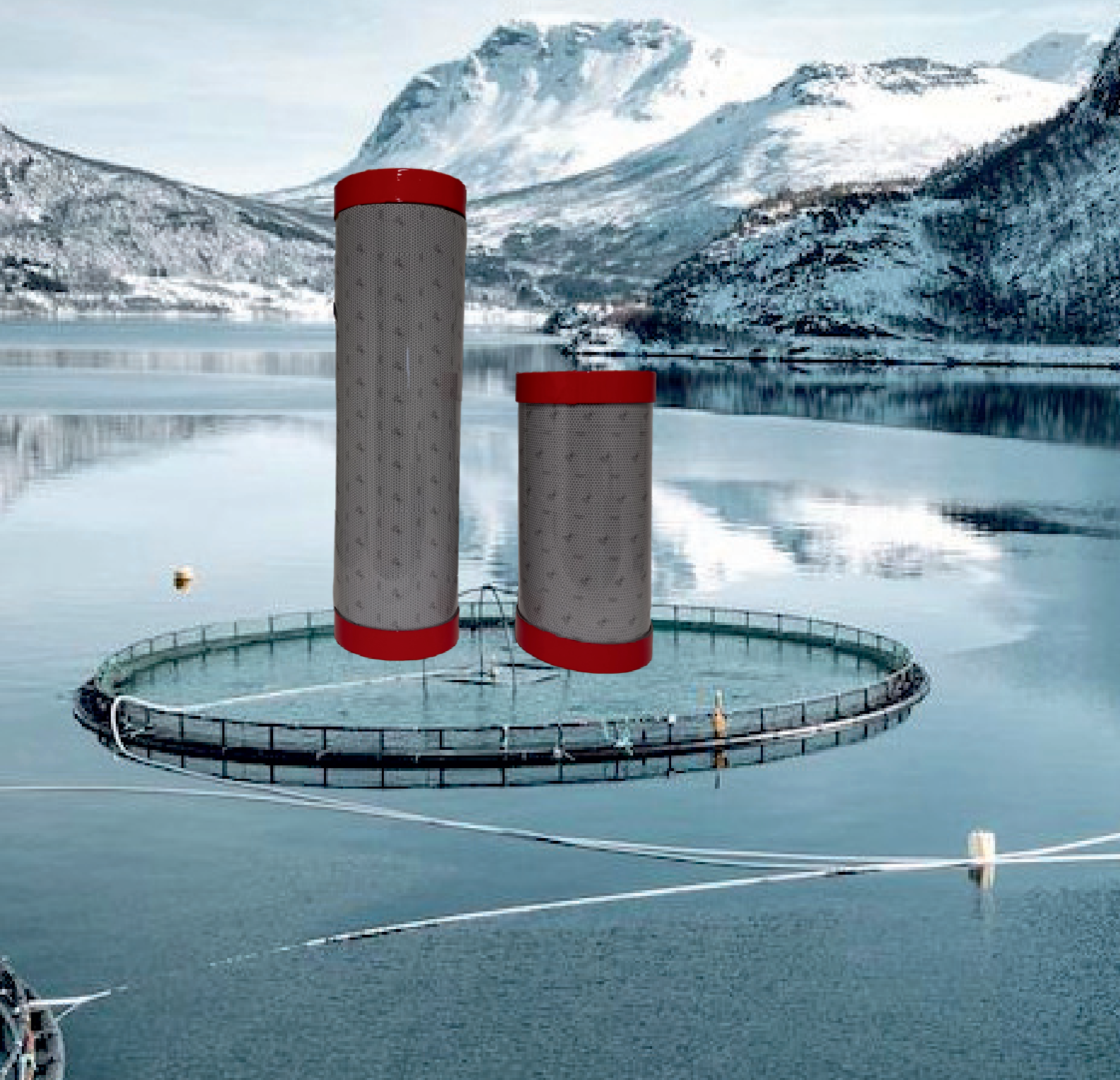


# ***O-FLECTORS***



***DECK***

***WIND***

# O-FLECTORS

Our new designed **O-FLECTOR** are a part of the marking of these installations

Our **O-FLECTOR** markingfenders are the ultimate way to install at sea on Windmills and Offshore platforms.

The **O-FLECTOR** tubes are made made of seaweather resistant materials to insure a long lifetime once installed. The main purpose of **O-FLECTOR** is to provide safety reminders to approaching vessels or helicopters to identify there location on the sea to avoid hitting the structures.

Regulations IALA G1162 & O-129 describes how Flotels, Oilrigs, Floating Windturbines, Fishfarms, Loading Platforms etc etc should be marked. Mentioned is that Retro reflective material must be used as a passive method next to Lightning units.

Our specially for the Offshore environment designed **O-FLECTOR** are made from state of the art materials, using Solas Type 2 Reflective sheeting in combination with searesistant tubings in combination with stainless steel 316 resistant bracket materials.

The **O-FLECTOR** are coming in 3 sizes and 3 models

1 Model is for handrail fixation in diameter 100mm , in length of 300, 600 or 900mm

1 Model is for screw fixation in size 300 mm square 200x400 and 400x600mm

1 Model is for structure fixation in diamater 200 with also 3 sizes 300, 600 & 1200mm

The lifetime of the **O-FLECTOR** film is between 3 and 8 years depending on the climate where the **O-FLECTOR** are placed. Once the cells of the film are faded the simply replace a new refittsheet on top to extend the lifetime for another equal period after you have replaced 3 times the film, remove the complete **O-FLECTOR** from the structure and remove the several layers of reflexfilm with use of a hairdryer, this will be a easy done, remove remaining glue particles with solvent.

Refit –

sheets sold per 10

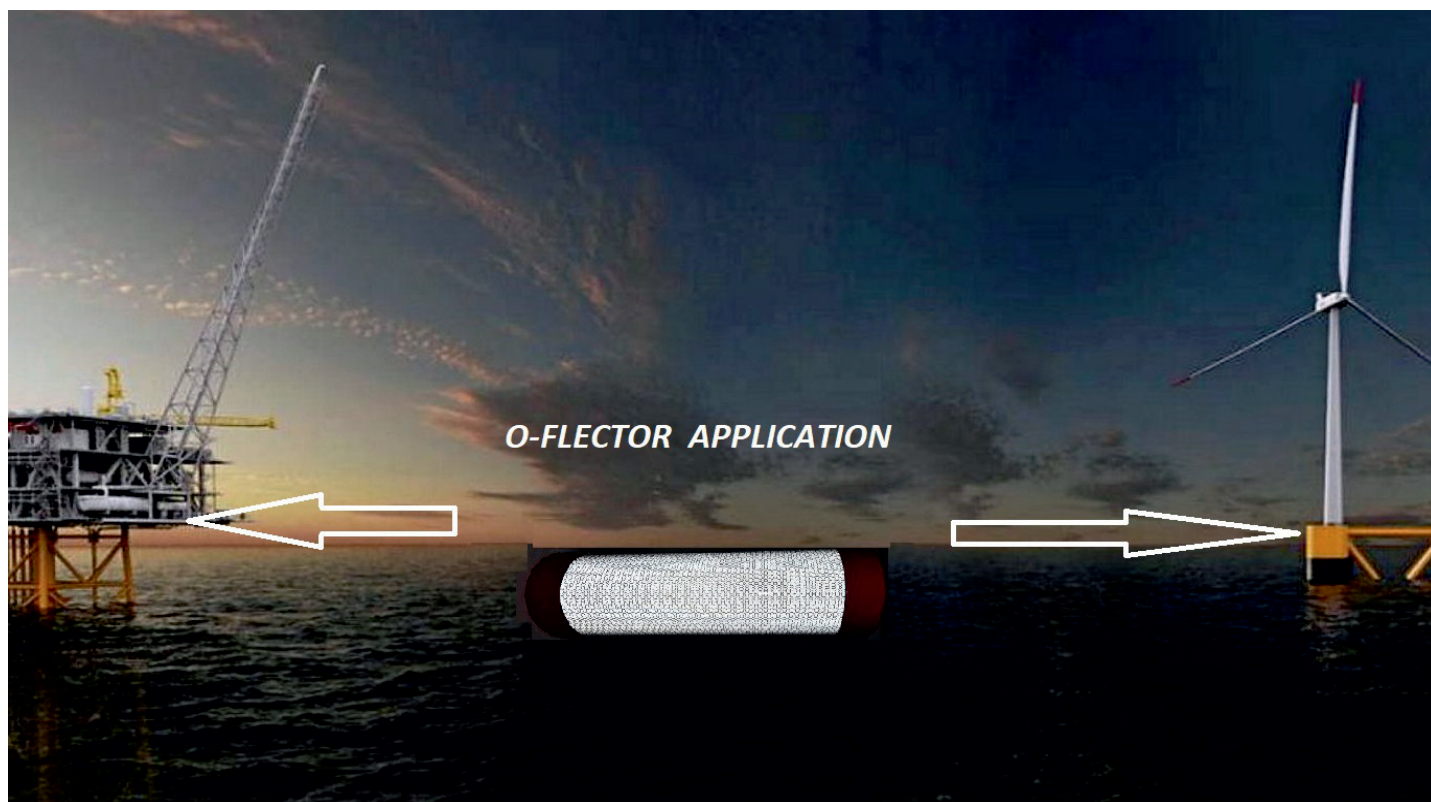
RFS0300 for 300mm , RFS0600 for 600mm and RFS0120 for 1200mm versions packed 10.

Model	Diameter	Length	Weight	Fixation	HScode	Origin
VP0300H	105 mm	390mm		Handrail Clamp	73089090	Netherlands
VP0600H	105 mm	690mm		Handrail Clamp	73089090	Netherlands
VP1200H	105 mm	1290mm		Handrail Clamp	73089090	Netherlands
VP0300S	105 mm	390mm		<u>Welding&amp;Bracket</u>	73089090	Netherlands
VP0600S	205 mm	690mm		<u>Welding&amp;Bracket</u>	73089090	Netherlands
VP1200S	205 mm	1290mm		<u>Welding&amp;Bracket</u>	73089090	Netherlands

# DECK

# WIND

# ***O-FLECTORS*** applications



Windfarms



Oilrigs



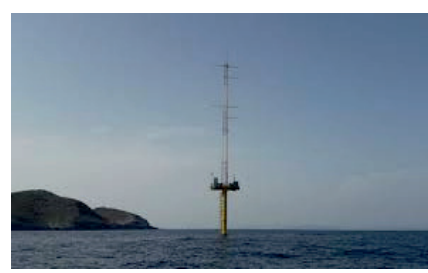
Wave Generators



Tidal Generators



Single Mooring Bouys



Meteo Masts

**DECK**

**WIND**



# O-FLECTORS

SuVeRo has designed several models O-Flectors for the fish farm & offshore industry. The O-Flectors are standing for reliability in harsh environments. SuVeRo engineers have made several special designs relating to challenges coming from new safety regulations in the industry. SuVeRo have got the ability to design complete reflector markers for the Offshore industry We deliver **O-FLECTOR** markers for all type of offshore installations such as oilrigs, windturbines, wavegenerators, mooring bouys and meteo masts. We have a modern facility and a production adapted for quick changes and enables us to be flexible and provide short lead times with high quality.

The **O-FLECTOR** fixation methods are easy, simple and fast.

The standard model for screw fixation om flatsurfaces.

Our handrail models are fixed towards the handrails with extreme UV durable SuveroFix® Tierap models each 700mm long

The larger structure models come with a 316 stainless steel bracket which can be easily welded or screwed towards the structure

The models are made of Solas type 2 reflex materials which have been selected with longest lifetime in harsh conditions and have following visibility characteristics

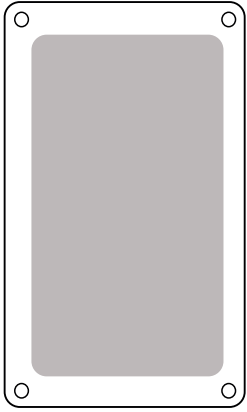
## Initial Retroreflectivity

Minimum coefficient of retroreflection (EN12899-1 class RA2)

Observation Angle	12'			20'			2°		
	5°	30°	40°	5°	30°	40°	5°	30°	40°
SOLASFLEX	250	150	110	180	100	95	5	2.5	1.5



# ***O-FLECTORS*** Productrange



## ***O-FLECTOR*** plate series

Screw fixation excellent for use on flat surfaces

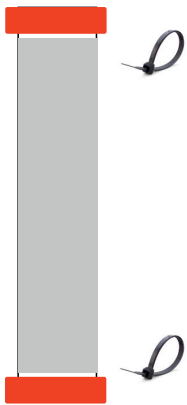
### Dimensions

20 x 40 cm x 1mm plate

30 x 30 cm x 1mm plate

40 x 60 cm x 1mm plate

Material : Pvc UV resistant plate with Solasflex Type 2



## ***O-FLECTOR*** tube series

Tie Rap ( 700mm) fixation excellent for on Fishfarm railing

### Dimensions

10 x 30 cm x pvc tube

10 x 60 cm x pvc tube

10 x 90 cm x pvc tube

Material : PVC UV resistant tube with Solasflex Type 2



## ***O-FLECTOR*** structure series

Welding fixation excellent for on Oilriggs

### Dimensions

10 x 30 cm x pvc tube

10 x 60 cm x pvc tube

30 x 122 cm x pvc tube

Material : PVC UV resistant tube & 316SS Bracket with Solasflex Type 2

# ***DECK***

# ***WIND***