



BIRDNET POLE SYSTEM

DATASHEET



ABOUT THE PRODUCT

The product consists of compact fiberglass rods and robust steel-reinforced fastening brackets in polyurethane for attachment to the rail support or between float tubes in chain holes.

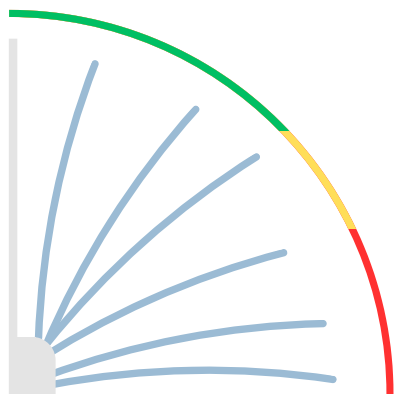
The composition of the components, fiberglass and polyester, makes the flexibility of the poles highly adaptable, allowing the system to better follow the movements of the floating collar, thus reducing wear on the net. The poles have high breaking strength and have been tested for both weight and bending capacity. The poles come complete with rope and a top pulley in the following dimensions: Ø46, Ø50, and Ø54mm. Our best-selling product is Ø46mm in a 6m length, which is the dimension with the most optimal strength and flexibility. For cages with a circumference exceeding 130m, we recommend poles with a circumference of Ø54. See the separate product overview for more details.

The poles are mounted to the rail support on the floating collar or in chain holes between the float tubes using fastening brackets. The poles can be easily removed from the brackets to provide better access for inspection of the cage and fish. An example of a fastening bracket for a round rail support: Fastening brackets can be supplied in various designs and dimensions for both round and square rail supports (see more examples on the front page). We make adjustments for all types of floating collar/rail support, including steel structures.



LOAD LIMITS

Working load and breaking load



Working load and breaking load Ø46 mm x 6000 mm

- The green zone indicates permissible deflection up to 3 m, working load 0-35 kg.
- The yellow zone indicates high-load deflection up to 4 m, 35-60 kg.
- The red zone indicates critical load 60-500 kg.

Working load and breaking load Ø54 mm x 7000 mm

- The green zone indicates permissible deflection up to 4,5 m, working load 0-55 kg.
- The yellow zone indicates high-load deflection up to 6 m, 55-85 kg.
- The red zone indicates critical load 85-500 kg.

BIRDNET BRACKETS

Bracket options

Description: The hot-galvanized bracket with plastic bushings is a durable choice for challenging environments. Designed for durability in demanding applications, the combination of hot galvanization and quality plastic bushings protects against corrosion and reinforces structural integrity.



Description: Pultruded composite pipes produced in fiberglass-reinforced polyester. Pultrusion is a continuous lamination process where fiberglass is drawn through a molding tool, and resin is injected for impregnating the fiber, followed by curing with the aid of heat.





PRODUCT OVERVIEW

Birdnet poles and brackets

Product name	Dimensions	Weight
Birdnet pole	Ø46 mm x 6 m	11,83kg
Birdnet pole	Ø46 mm x 7 m	13,75kg
Birdnet pole	Ø46 mm x 8 m	15,67kg
Birdnet pole	Ø50 mm x 6 m	13,98kg
Birdnet pole	Ø50 mm x 7 m	16,25kg
Birdnet pole	Ø50 mm x 8 m	18,52kg
Birdnet pole	Ø54 mm x 6 m	14,98kg
Birdnet pole	Ø54 mm x 6,5 m	16,11kg
Birdnet pole	Ø54 mm x 7 m	17,32kg
Birdnet pole	Ø54 mm x 8 m	19,75kg
Birdnet bracket	Ø46 rail support Ø160 mm	
Birdnet bracket	Ø46 rail support Ø140 mm	
Birdnet bracket	Ø46 rail support Ø125 mm	
Birdnet bracket	Ø46 rail support 50/50	
Birdnet bracket	Ø46 rail support 70/70	
Birdnet bracket	Ø46 rail support 80/60	
Birdnet bracket	Ø50 rail support Ø160 mm	
Birdnet bracket	Ø50 rail support Ø140 mm	
Birdnet bracket	Ø50 rail support Ø125 mm	
Birdnet bracket	Ø50 rail support 50/50	
Birdnet bracket	Ø50 rail support 70/70	
Birdnet bracket	Ø50 rail support 80/60	
Birdnet bracket	Ø54 rail support Ø160 mm	
Birdnet bracket	Ø54 rail support Ø140 mm	
Birdnet bracket	Ø54 rail support Ø125 mm	
Birdnet bracket	Ø54 rail support 50/50	
Birdnet bracket	Ø54 rail support 70/70	
Birdnet bracket	Ø54 rail support 80/60	
Polar circle bracket	Ø46 mm, outer dimension Ø65 mm	
Polar circle bracket	Ø46 mm, outer dimension Ø72 mm	
Polar circle bracket	Ø46 mm, outer dimension Ø76 mm	
Polar circle bracket	Ø50 mm, outer dimension Ø65 mm	
Polar circle bracket	Ø50 mm, outer dimension Ø72 mm	
Polar circle bracket	Ø50 mm, outer dimension Ø76 mm	
Polar circle bracket	Ø54 mm, outer dimension Ø72 mm	
Polar circle bracket	Ø54 mm, outer dimension Ø76 mm	

CONTACT US

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*"For us, service is not just a strength
- it is a lifestyle."*



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