

PV Protector®

Professional Bird Barrier System for PV Systems



One Smart Solution to Keep Birds Away

PV Protector® is a **non-invasive, externally installed bird barrier system** for photovoltaic modules, designed to prevent **nesting, soiling, and long-term performance loss**.

The system uses modular perimeter segments and C-Clips that attach to the **outer edge of the module frame**. No metal parts touch the module surface, ensuring **no frame damage** and **no warranty risk**.

Installation is performed entirely from the outside, eliminating the need to access beneath modules and **reducing installation risk, roof working time, and site complexity**.



Typical Applications

- Residential rooftops
- Commercial & industrial PV systems
- New installations and retrofit projects

Key Advantages

- ▶ **Fast External Installation**
 - ▶ No need to access the module underside.
- ▶ **All-in-One Kit**
 - ▶ Simplified Inventory.
- ▶ **Common Frame Compatibility**
 - ▶ Multiple C-Clip Heights.
- ▶ **No Metal Contact**
 - ▶ No Frame Damage.
 - ▶ No Scratches or Corrosion.
 - ▶ No Warranty Risk.

System Components

- Perimeter Segments
- C-Clips
- Cable Ties

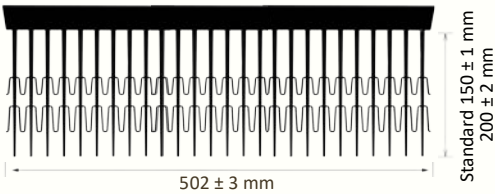
Available Variants

- ▶ Segment Heights
 - Segment 150 mm
 - Segment 200 mm
- ▶ C-Clip Heights
 - 30 mm
 - 35 mm
 - 40 mm

TECHNICAL SPECIFICATIONS

System Components

Perimeter Segment



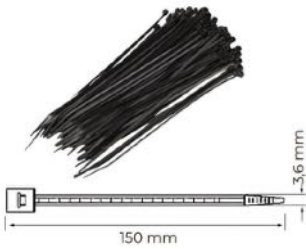
Material	HDPE (High-Density Polyethylene with UV stabilizers 944 & 622)
Segment Length	502 mm (± 3 mm)
Thickness	2.0 mm
Installation Method	Outer-Edge Mounting
Design Life	10 Years (Weather & UV Resistant)
Variant: Standard (150 mm)	Total Height: 175 mm Max. Coverage: 145 mm (14.5 cm)
Variant: Extended (200 mm)	Total Height: 225 mm Max. Coverage: 195 mm (19.5 cm)

C-Clip



Material	UV-stabilized PC + ABS
Installation Method	Tool-free, Outer-Edge Mounting
Design Life	10 Years (Weather & UV Resistant)
Frame height variants	30 mm 35 mm 40 mm

Cable Tie



Material	UV-stabilized PA66
Size	150 × 3.6 mm
Design Life	10 Years (Weather & UV Resistant)



Scan to watch:
90-Second Install Demo

Packaging & Logistics

Variant	Length	Article Number	Contents		
			Perimeter Segments	C-Clips	Cable Ties
Standard – 150 mm	30 m	PP150NB3000	60 pcs.	240 pcs.	100 pcs.
Standard – 150 mm	40 m	PP150NB4000	80 pcs.	320 pcs.	100 pcs.
Extended – 200 mm	30 m	PP200NB3000	60 pcs.	240 pcs.	100 pcs.
Extended – 200 mm	40 m	PP200NB4000	80 pcs.	320 pcs.	100 pcs.

Note: For cross-bonding applications, the extended version (200 mm) is recommended. C-Clips are available for module frame heights of 30 mm, 35 mm, or 40 mm. Unless otherwise specified, delivery is configured for 30 mm by default.



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- Compact packaging
- Easy handling on site
- Ideal for installers, wholesalers, and project stock