Choose the upright, not the total profile

SolarBarrier panels have a **4.5-inch or 5.5-inch finished upright**, a **47-inch finished length** and a **separate 1-inch planar leg**. The leg is not included in the upright height. A 3.75-inch upright is available by measurement and custom request.

47 in finished length

Plan each array edge, with allowance for corners, rails, joints and field fitting.

Type 304 stainless

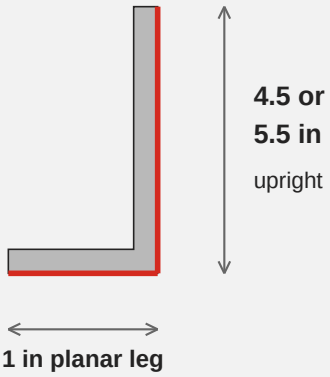
0.028-inch wire; nominal 3/32-inch clear openings. Natural or black-coated finish.

5 attachment sets

Five J-hooks and five matching locking washers included per full panel.

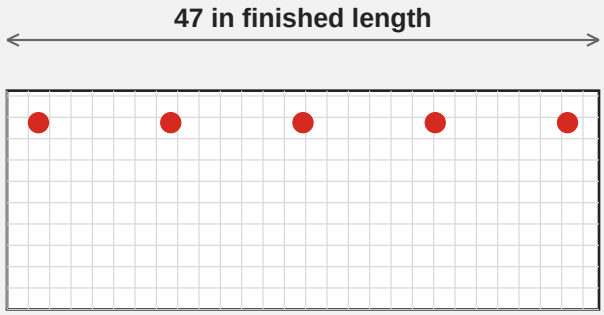
Read the dimensions correctly

Side profile - single piece, 90-degree bend



Schematic only - not to scale or a cutting template.

Front view - full panel



Five attachment locations per full panel

Place an attachment within 3 in of each end; keep intermediate spacing at 12 in on center or less.

Included hardware is not an extra pack

For compatible lip-frame systems, each full panel includes five standard J-hooks and five matching locking washers. The separately sold **$30 spare pack** contains 100 J-hooks and 100 matching locking washers. Buy extra packs only for additional or replacement hardware.

Use with the installation guide: This addendum updates dimensions and supplied hardware in the earlier FireTek SolarBarrier guide for asphalt-shingle roofs. Retain its applicable rail, corner, drainage, cable-clearance and service-access details. It is not a fabrication blank drawing.

Confirm the frame and attachment detail

Professional installation is recommended. Confirm the actual module, frame, roof covering and mounting system before work begins. Use the relevant module, racking and hardware instructions alongside FireTek guidance.

1. Measure the array perimeter

Record the minimum and maximum roof-to-frame clearance along each uninterrupted edge, including changes in the roof profile. Identify rails, corners, cable locations and required maintenance access. Select the finished upright independently from the planar leg; request a measured custom fit when neither standard height suits the actual clearance.

2. Select the correct frame attachment

Compatible lower lip

Confirm the frame lip accepts the supplied J-hook and washer. Five attachment sets are included per full panel. Follow the current hardware instructions; protect the module frame and roof surface.

Lipless or box frame

Plan one compatible adapter at each required attachment point. FireTek has used **SnapNrack Add-a-Lip 242-01101** successfully with SolarBarrier. Verify the manufacturer's 30-46 mm module-frame clamping range.

Adapter ordering: Add-a-Lip is separate from included hooks: $8.95 each or $179 for 20. Request a quote to confirm supply and fit. Count required attachment points, not panel footage. Cut panels, corners and access details need their own reviewed attachment layout.

3. Complete the fit and inspect

Fit the planar leg to the roof profile using the applicable installation detail. Keep mesh and hardware clear of cables and equipment. Preserve ventilation, drainage and service access, and protect the roof covering and module frame. Check perimeter continuity, secure attachments and safe access before completing the work.

Current guidance and fit support

SolarBarrier options and fit help | FireTek installation resources
SnapNrack Add-a-Lip product information | Manufacturer technical drawing

Technical basis: owner-confirmed geometry and supplied hardware, October 22, 2026; FireTek SolarBarrier Installation Guide, pp. 1-2 (five-point spacing and asphalt-shingle fit scope); SnapNrack Add-a-Lip product information and Rev. C technical drawing.