

# Integrated Wire Management for Photovoltaic Modules

Provide a more complete solution to your customers with SoftPaw™, the fully integrated wire management device for photovoltaic module frame walls. Gone are the days of wire clips and zip ties. The SoftPaw wire channel secures and protects wires for the life of the system. Exhaustively tested and expertly designed, SoftPaw is compatible with all types of racking systems and wire sizes typically used in PV installations.

SoftPaw has been proven to lean out the installation process, reducing both installation time and cost. In addition, the increased reliability eliminates millions of dollars in O&M costs typically required to replace, service, and fix wire management devices.

# SoftPaw™ PV

## Redefining Wire Management



### Flexibility



#### Fully Compatible, No Limitations

- ✓ 30-50mm frame heights
- ✓ Compatible with all known racking systems
- ✓ Wire OD from 4.9 – 12 mm
- ✓ Optional AC cable capability
- ✓ Push in barracuda bonding clip
- ✓ Ergonomic flange option
- ✓ Wire clip compatible

### Reliability



#### Fully Tested and Certified

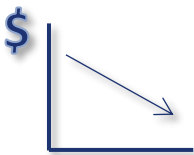
- ✓ Meets UL 1703 requirements
- ✓ Up to 5 times more secure than wire clips
- ✓ Test: 200 cycles -40°C to +90°C
- ✓ Test: 96 hours at 125°C
- ✓ Test: wet and dry dielectric resistance
- ✓ Test: 40k - 2 Hz outdoor cycling
- ✓ Test: 120 days outdoor extreme temperature
- ✓ Greater hold strength over time
- ✓ Shipping tested
- ✓ Ground fault resistant

### Benefits



#### Reduced Installation Costs

- ✓ ~\$0.003/W module cost
- ✓ > \$0.01/W installation savings
- ✓ Faster installation
- ✓ Pass more inspections
- ✓ Eliminate truck rolls
- ✓ Simplified BOM
- ✓ Zero waste, Zero lost stock
- ✓ Cleaner jobsite
- ✓ Natural critter guard
- ✓ Unmatched aesthetic
- ✓ Lifetime service life



### Differentiate your modules beyond \$/W

The PV module market is highly competitive. Differentiate your modules with the SoftPaw wire management feature and provide value beyond lowest cost.

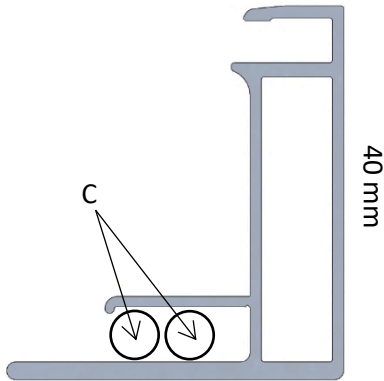
The SoftPawPV wire management device is extremely flexible with several options. Partner with the TECSI Solar team to tailor SoftPaw to your specific product needs.

Available for License

Wire Sizes

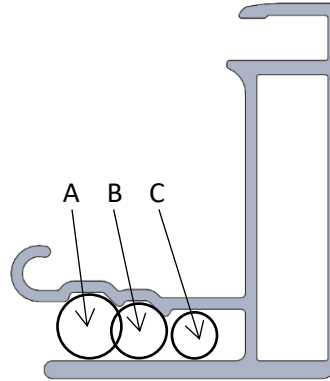
	A	B	C	D
Max OD	7.5	6.6	5.5	12.0
Min OD	6.6	6.0	4.9	9.5

\* All dimensions are in mm  
 \*\* Shapes can be modified as required for other sizes.



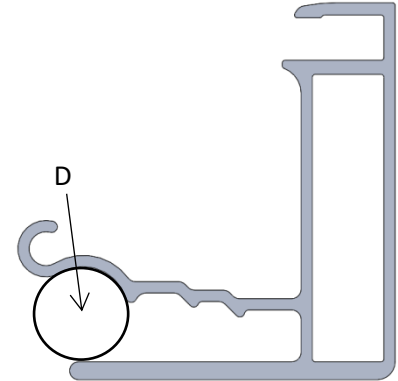
Standard Flange

- Optimized for two 6.5 mm (nominal) PV wires
- Suitable for:
  - Module j-box pigtails
  - SolarEdge, Tigo wires
  - Enphase trunk cable



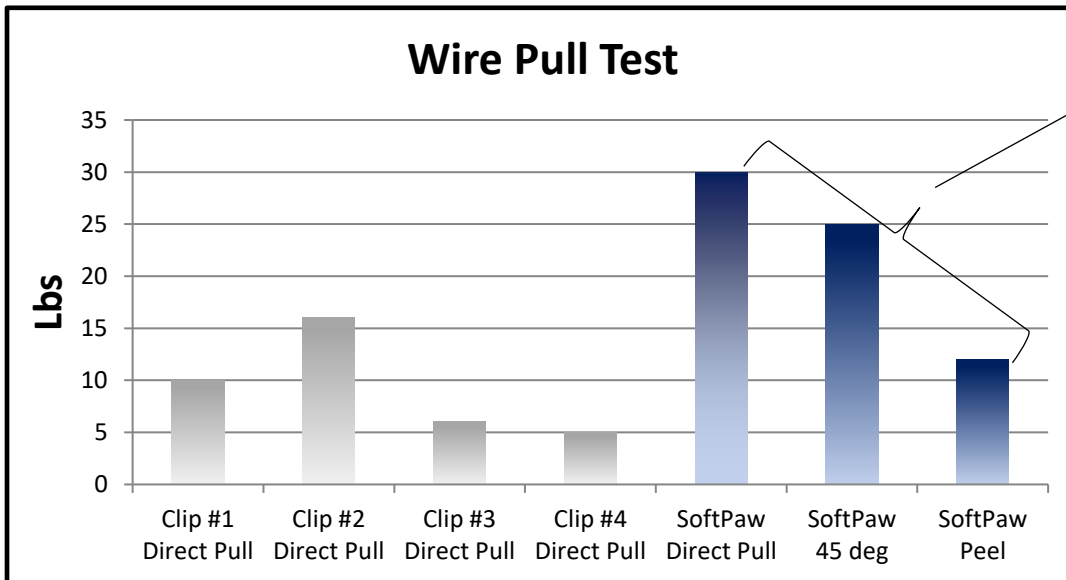
Ergonomic Flange w/ Multiple Wire Sizes

- Various cavities for multiple wire sizes
- Includes ergonomic grip to reduce finger strain
- ~\$0.35 additional cost per module over standard flange



AC Cable Flange

- Retains all features of ergonomic frame
- Includes AC cable retention feature
- ~\$0.41 additional cost per module over standard flange



SoftPaw Performance

- ✓ SoftPaw is the most rigorously tested wire retention device on the market
- ✓ Outperforms industry leading wire clips
- ✓ SoftPaw wire withdrawal strength tested at 3 different orientations

FOR MORE INFORMATION



Look for the **Certified SoftPaw Logo** on your module's cutsheet.

