

**ADVANCE
STOCKS
HEYCO
SOLAR**



HEYCO®

SOLAR POWER COMPONENTS



NOW STOCKING



HEYCO SOLAR COMPONENTS



HEYClip™ SunRunner® 90-2 Clip



Heyco®-Tite Solar Masthead II
Liquid Tight Cordgrips



HEYClip™ SunRunner® Clip



Heyco® SunBundler®



HEYClip™ SunRunner® 4-2 Clip



HEYClip™ SunRunner® Cable Tie
Mounting Platforms



HEYClip™ SunRunner® 90-4 Clip



Heyco® Stainless Steel Cable Ties



HEYClip™ SunRunner® 4 Clip

HEYCO SOLAR POWER COMPONENTS lead the solar industry in the design and manufacture of wire management products. Advance stocks a full range of Heyco Solar products including stainless steel clips for top rack and rail-less systems; metal and nylon multi-hole cordgrips for inverter and combiner boxes; and stainless steel and coated cable ties for cable management. Available in our online store or contact Advance for applications, samples and quotes.

“Stay Connected” with



Solar Power Components

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“Coined”
edges prevent
cable damage

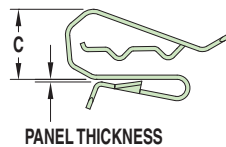
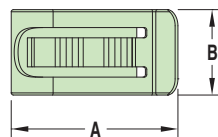


HEYClip™ SunRunner® Cable Clips for 1-2 Cables

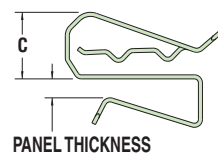
Double-Compression, Straight-thru Design

PANEL THICKNESS CLAMPING RANGE				WIRE DIAMETER RANGE	PART NO.		DESCRIPTION	FOOTPRINT		OVERALL HEIGHT	
Minimum		Maximum			304	316		A x B		C	
in.	mm.	in.	mm.		Stainless	Stainless	in.	mm.	in.	mm.	
SunRunner Clip - for panels up to .090" (2,3 mm) thick											
.06	1,4	.09	2,3	.20" (5,1 mm)- .33" (8,3 mm) each cable	S6405	S6490	SunRunner® Clip 100 Pack	.97 x .50	24,6 x 12,7	.39	9,9
					S6445	S6495	SunRunner® Clip Bulk				
SunRunner Vidrio™ Clip - for GLASS panels up to .250" (6,4 mm) thick NEW PRODUCTS											
.13	3,2	.25	6,4	.20" (5,1 mm)- .33" (8,3 mm) each cable	S6460	-	SunRunner® Vidrio™ Clip 100 Pack	.99 x .52	25,1 x 13,2	.45	11,4
					S6500	-	SunRunner® Vidrio™ Clip Bulk				
SunRunner EZ Clip - for panels up to .250" (6,4 mm) thick											
.09	2,3	.25	6,4	.20" (5,1 mm)- .33" (8,3 mm) each cable	S6407	-	SunRunner® EZ Clip 100 Pack	.97 x .50	24,6 x 12,7	.41	10,4
					S6447	-	SunRunner® EZ Clip Bulk				

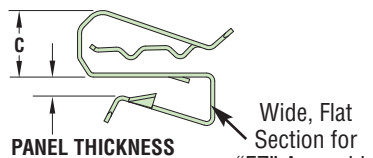
*Can accommodate up to three .33" (8,3 mm) diameter cables.



SunRunner®



SunRunner® Vidrio™



SunRunner® EZ

SunRunner® EZ with
(optional) UL Approved
SunBundler looped through slot

- Heyco's SunRunner and SunRunner EZ's robust "double-compression" design securely holds from (1) 12 gauge USE-2 to (2) 10 gauge PV-1000V solar wires.
- Also for use with other cables from .20" (5,1 mm) to .33" (8,3 mm) in diameter.
- Heyco SunRunner Clips are designed to provide a better method for PV module wire management **and may be used wherever single or multiple cable management is needed.**
- Smooth clip edges prevent damage to cable insulation.
- Locking tabs securely fasten clips to module extrusions, **or other panels.**
- Generous lead-in for installation without tools.
- Screwdriver slot for easy removal or movement of clips if necessary.
- Neatly dresses cables on PV panel frames or along mounting channels.
- Constructed from corrosion resistant 304 stainless steel, not for use in a marine salt water environment.
- 316 stainless steel now available for marine and other harsh environments.
- **SunRunner Vidrio™ is designed to mount directly onto the glass panel with compression force only.** Will not harm the glass surface, and the black color meets many HOA requirements!
- The TPE coating on the SunRunner Vidrio™ provides an electrically insulated surface.
- **SunRunner EZ's are designed for thicker module frames** as well as racking – accommodates profiles up to .250" (6,4 mm) thick!

Material .025" thick 304 or 316 stainless steel
 Certifications Certified by UL for Compliance with both Canadian and US Requirements under File E54523
 Temperature Range -40°F (-40°C) to 572°F (300°C)

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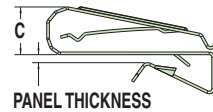
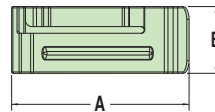
HEYClip™ SunRunner® Cable Clips for 4 Cables

Double-Compression, Straight-thru Design

- Heyco’s SunRunner and SunRunner EZ’s robust "double-compression" design securely holds from (1) 12 gauge USE-2 to (2) 10 gauge PV-1000V solar wires.
- Also for use with other cables from .20" (5,1 mm) to .33" (8,3 mm) in diameter.
- Heyco SunRunner Clips are designed to provide a better method for PV module wire management **and may be used wherever single or multiple cable management is needed.**
- Smooth clip edges prevent damage to cable insulation.
- Locking tabs securely fasten clips to module extrusions, **or other panels.**
- Generous lead-in for installation without tools.
- Screwdriver slot for easy removal or movement of clips if necessary.
- Neatly dresses cables on PV panel frames or along mounting channels.
- **SunRunner 4 designed to hold up to (4) 12 gauge USE-2 or (4) 10 gauge PV-1000V solar wires.**
- SunRunner 4 is constructed from heat treated 410 stainless steel for excellent strength and corrosion protection for outdoor exposure.
- **SunRunner EZ’s are designed for thicker module frames** as well as racking – accommodates profiles up to .250" (6,4 mm) thick!
- DFARS Compliant.

PANEL THICKNESS CLAMPING RANGE				WIRE DIAMETER RANGE	PART NO. 410 Stainless	DESCRIPTION	FOOTPRINT		OVERALL HEIGHT	
Minimum		Maximum					A x B		C	
in.	mm.	in.	mm.			in.	mm.	in.	mm.	
SunRunner 4 Clip - for panels up to .125" (3,2 mm) thick										
.06	1,4	.13	3,2	.20" (5,1 mm) - .30" (7,6 mm) each cable*	S6443	SunRunner® 4 Clip 100 Pack	1.34 x	33,8 x	.36	9,1
					S6483	SunRunner® 4 Clip Bulk	.50	12,7		
SunRunner 4 EZ Clip - for panels up to .250" (6,4 mm) thick										
.13	3,2	.25	6,4	.20" (5,1 mm) - .30" (7,6 mm) each cable*	S6400	SunRunner® 4 EZ Clip 100 Pack	1.33 x	33,8 x	.36	9,1
					S6440	SunRunner® 4 EZ Clip Bulk	.50	12,7		

*Can accommodate up to three .33" (8,3 mm) diameter cables.



SunRunner® 4



SunRunner® 4 EZ

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Material
Certifications
Temperature Range



.020" thick 410 stainless steel
Certified by UL for Compliance with both Canadian and US Requirements under File E54523
-40°F (-40°C) to 572°F (300°C)

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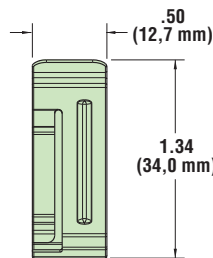


HEYClip™ Stainless Steel SunRunner® 4-2 and 4-2U Cable Clips

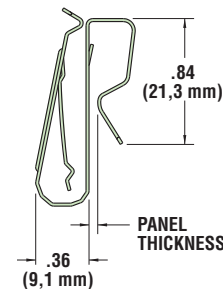
For Oval Micro-Inverter Cables

- Designed to hold Micro-Inverter oval cables .250" (6,3 mm) x .385" (9,8 mm).
- Constructed from heat treated 410 stainless steel for excellent strength and corrosion protection for outdoor exposure.
- Smooth clip edges prevent damage to cable insulation.
- “S” hook clip design will fit a wide variety of extruded aluminum profiles.
- SunRunner 4-2 is designed for solar mounting frames such as the ones used by with Everest, SnapNrack and similar extrusions.
- SunRunner 4-2U features a shorter S hook for Unirac, IronRidge and similar frame profiles.
- Neatly dresses cables on PV panels or along mounting frame channels from .080" (2,5 mm) to .250" (6,4 mm) thick.
- See page 1-11 for typical rack profile applications.

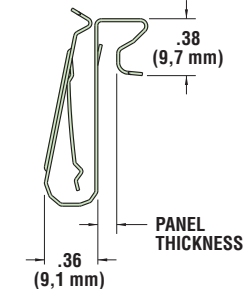
PANEL THICKNESS CLAMPING RANGE				WIRE CAPACITY		PART NO.	DESCRIPTION	FOOTPRINT		REAR TAB LENGTH	
Minimum		Maximum		in.	mm.			in.	mm.	in.	mm.
in.	mm.	in.	mm.								
SunRunner 4-2											
.08	2,0	.25	6,4	.25 x 1,00	6,4 x 25,4	S6504	SunRunner 4-2 100 Pack	.50 x 1,34	12,7 x 34,0	.84	21,3
							S6544	SunRunner 4-2 Bulk			
SunRunner 4-2U											
.25	6,4	.25	6,4	.25 x 1,00	6,4 x 25,4	S6505	SunRunner 4-2U 100 Pack	.50 x 1,34	12,7 x 34,0	.38	9,7
							S6545	SunRunner 4-2U Bulk			



SunRunner 4-2



SunRunner 4-2U



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Material	.020" thick 410 stainless steel
Certifications	cULus Certified by UL for Compliance with both Canadian and US Requirements under File E54523
Temperature Range	-40°F (-40°C) to 572°F (300°C)

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HEYClip™ SunRunner® 90° Cable Clips

Double-Compression, Right Angle Design

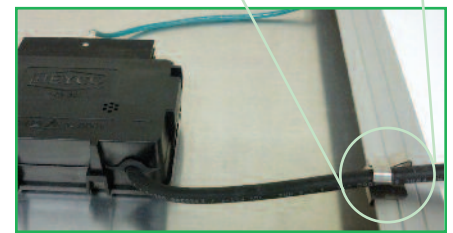
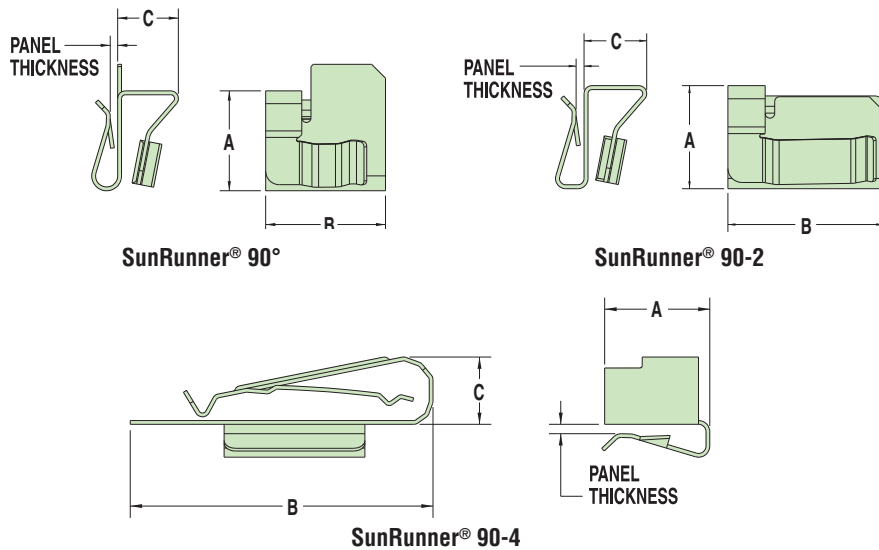
PANEL THICKNESS CLAMPING RANGE				WIRE DIAMETER RANGE Maximum	PART NO.	DESCRIPTION	FOOTPRINT		OVERALL HEIGHT	
Minimum		Maximum					A x B		C	
in.	mm.	in.	mm.				in.	mm.	in.	mm.
Single Wire Clip - for panels up to .125" (3,2 mm) thick										
.06	1,4	.13	3,2	.20" (5,1 mm)- .33" (8,3 mm) each cable	S6406	SunRunner® 90° Clip 100 Pack	.82 x .78	20,8 x 19,8	.39	9,9
					S6446	SunRunner 90° Clip Bulk				
Double Wire Clip - for panels up to .125" (3,2 mm) thick										
.06	1,4	.13	3,2	.20" (5,1 mm)- .33" (8,3 mm) each cable	S6436	SunRunner® 90°-2 Clip 100 Pack	.65 x .98	16,5 x 24,9	.39	9,9
					S6476	SunRunner® 90°-2 Clip Bulk				
Double Wire SunRunner Vidrio™ 90-2 Clip - for GLASS panels up to .090" (2,3 mm) thick										
.13	3,2	.25	6,4	.20" (5,1 mm)- .33" (8,3 mm) each cable	S6430	SunRunner® Vidrio 90° Clip 100 Pack	.99 x .52	25,1 x 13,2	.45	11,4
					S6470	SunRunner® Vidrio 90° Clip Bulk				
Four Wire Clip - for panels up to .125" (3,2 mm) thick										
.06	1,4	.13	3,2	.20" (5,1 mm)- .30" (7,6 mm) each cable*	S6439**	SunRunner® 90°-4 Clip 100 Pack	.56 x 1.63	14,2 x 41,4	.36	9,1
					S6479**	SunRunner® 90°-4 Clip Bulk				

*Can accommodate up to three .33" (8,3 mm) diameter cables.

**SunRunner 90-4 parts are not cULus



- SunRunner 90° Cable Clips are designed to mount at a 90° angle to the original SunRunner®.
- The SunRunner 90° will accommodate a single cable from .20" (5,1 mm) to .30" (7,6 mm); SunRunner 90°-2 will accommodate (2) of these cables; SunRunner 90°-4 will accommodate (4) of these cables.
- SunRunner 90° Series is designed for use with PV modules mounted in the “landscape” mode. PV modules with shorter than normal junction box cables cannot be dressed out to the sides of the module. The SunRunner 90° Series will also allow the junction box cables to be run to the adjacent modules across the short side of the PV module frame.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant.



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Material .025" thick 304 stainless steel (SunRunner 90° and SunRunner 90-2)
.020" thick heat treated 410 stainless steel (SunRunner 90-4)

Certifications Certified by UL for Compliance with both Canadian and US Requirements under File E54523

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Heyco®-Tite Solar Masthead® II Liquid Tight Cordgrips

Multi-Hole, NPT Hubs with Integral Sealing Ring - IP 68 Rated
The Ultimate in Liquid Tight Strain Relief Protection
 Small Packs Available

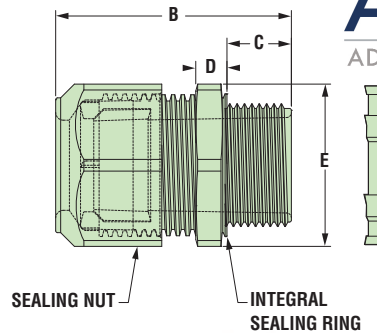
GLAND CONFIGURATION Conductors Size mm.	PART NO. Black	DESCRIPTION with NPT Thread	PACKAGING		UL/CS or cULus	PART DIMENSIONS										
			Std. Pack	Small Pack †		A Clearance Hole Dia.		B Max. O.A. Length		C Thread Length		D Wrenching Nut Thickness		E Flat Size		
						in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	
5,5	5	M3234GBR-SM	SMCG 3/4	100	25	UL/CS	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
	9	M8437GBK-SM	SMCG 1	100	25	UL/CS	1.326	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
	13	M4524GBM-SM	SMCG 1-1/4	50	10	UL/CS	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
	21	M3317GBQ-SM	SMCG 1-1/2	50	5	UL/CS	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.46	62,5
	31	M3321GBY-SM	SMCG 2	50	5	UL/CS	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.73	69,3
5,6	3	M3200GAH-SM	SMCG LL 1/2	200	25	UL/CS	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	26,9
7,7	3	M3234GBS-SM	SMCG 3/4	100	25	UL/CS	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
	5	M8437GBT-SM	SMCG 1	100	25	UL/CS	1.326	33,8	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9
	9	M4524GBW-SM	SMCG 1-1/4	50	10	UL/CS	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
	11	M3317GBZ-SM	SMCG 1-1/2	50	5	UL/CS	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.46	62,5
	19	M3321GBX-SM	SMCG 2	50	5	UL/CS	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.73	69,3
8,9	7	M4524GCJ-SM	SMCG 1-1/4	50	10	UL/CS	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1
	9	M3317GCK-SM	SMCG 1-1/2	50	5	UL/CS	1.920	48,8	2.81	71,3	.76	19,3	.36	9,1	2.46	62,5
	12	M3321GCM-SM	SMCG 2	50	5	UL/CS	2.400	60,8	2.93	74,3	.79	20,1	.42	10,7	2.73	69,3

*AWG 10 and 12 for both USE-2 and PV Cable.

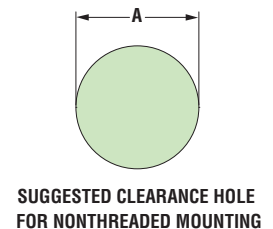
**For 8 AWG USE-2 Wire.

† To order **Small Packs**, please add the suffix **-P** to Part No.; e.g., M3234GBR-SM-P.

- **Break-Thru Skinned-Over glands** in the Solar Masthead II Cordgrips offer flexibility to use from 1 to 31 of the available holes while still providing a liquid tight seal around the wire.
- **IP 68 rated.**
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- **Integral Sealing Ring** ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Provide a watertight seal for PV module output leads to inverters.
- Designed for solar rooftop or combiner box installations.
- Secure input PV leads from solar panel array strings to fuse holder hookup within solar combiner boxes.
- Suitable for use with USE-2 and PV Cable.
- UV resistant nylon construction with TPE Sealing Gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents.
- No disassembly required for installation.
- Generous wrenching flats for ease of assembly.
- **Solar Masthead II Cordgrips provided with assembled metal locknut.**
- Contact Heyco for other sizes and gland configurations.



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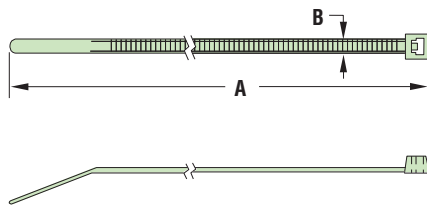
See page 3-7 for details

Use a Heyco-Flex I Conduit Adapter to join a Heyco Solar Masthead to Heyco-Flex I or Rigid PVC Conduit, through which the solar installer can run PV wire from the roof to the field level inverter.

Material	Nylon 6/6 with TPE Sealing Glands
Certifications	<ul style="list-style-type: none"> UL Listed under Underwriters' Laboratories File E51579 cULus Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. requirements CS Certified by the Canadian Standards Association File 93876
Flammability Rating	94-V2
Temperature Range	Static -40°F (-40°C) to 239°F (115°C) Dynamic -4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68



- Smooth, radiused edges ensure that Nytyes won't cut into the cable's insulation—or the installer's hand.
- One-piece design reduces cost and installation time.
- Nytyes feature a bent tip for ease of pickup and insertion around small bundles. V-shaped raised ridges on the tip provide a sure grip.
- Close, evenly spaced teeth permit fine adjustment—from .025" (0,6 mm) on the smallest Nytyes to .063" (1,6 mm) on the largest.
- Compliant with MS3367 and MIL-S-23190E



Heyco® Cable Tie Tensioning Tool



Part No. 0998 fits all standard duty Nytyes. Metal construction, has three tension settings, and automatically trims excess.

Heyco® Nytye® Nylon Cable Ties

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Max. Tensile Strength		Max. Bundle Diameter		Natural	UV Black		A Length		B Width	
Lbs.	N	in.	mm.			in.	mm.	in.	mm.	
Miniature										
18	80	.63	16,0	13100	13100B	NT-18-031	3.15	80	.10	2,5
		.87	22,0	13102	13102B	NT-18-039	3.94	100		
		1.18	30,0	13105	13105B	NT-18-047	4.72	120		
		1.38	35,0	13107	13107B	NT-18-059	5.91	150		
		1.57	40,0	13108	13108B	NT-18-063	6.30	180		
		2.36	60,0	13111	13111B	NT-18-078	7.87	200		
Intermediate										
40	178	.87	22,0	13120	13120B	NT-40-039	3.94	100	.14	3,6
		1.18	30,0	13121	13121B	NT-40-047	4.72	120		
		1.30	33,0	13122	13122B	NT-40-055	5.51	140		
		1.38	35,0	13123	13123B	NT-40-059	5.91	150		
		1.65	42,0	13124	13124B	NT-40-070	7.09	180		
		1.97	50,0	13126	13126B	NT-40-078	7.87	200		
		2.56	65,0	13128	13128B	NT-40-099	9.92	252		
		3.15	80,0	13129	13129B	NT-40-110	11.02	280		
		3.35	85,0	13130	13130B	NT-40-118	11.81	300		
		4.02	102,0	13134	13134B	NT-40-145	14.57	370		
Standard*										
50	222	.94	24,0	13140	13140B	NT-50-047	4.72	120	.19	4,8
		1.57	40,0	13142	13142B	NT-50-063	6.30	160		
		1.65	42,0	13143	13143B	NT-50-072	7.20	183		
		1.97	50,0	13145	13145B	NT-50-078	7.87	200		
		2.56	65,0	13147	13147B	NT-50-098	9.84	250		
		2.76	70,0	13149	13149B	NT-50-110	11.02	280		
		3.23	82,0	13151	13151B	NT-50-118	11.81	300		
		3.54	90,0	13153	13153B	NT-50-137	13.78	350		
		4.02	102,0	13155	13155B	NT-50-145	14.57	370		
		4.13	105,0	13156	13156B	NT-50-157	15.75	400		
		5.12	130,0	13158	13158B	NT-50-177	17.72	450		
		5.91	150,0	13160	13160B	NT-50-196	19.68	500		

Standard colors natural and UV Black.

*Standard UV Black Nytyes available in 100 packs. Add -P to Part No.; eg, 13140B-P.

Heyco® Nytye® Nylon 12 Cable Ties

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Max. Tensile Strength		Max. Bundle Diameter		UV Black Bulk	UV Black 100 Packs		A Length		B Width	
Lbs.	N	in.	mm.			in.	mm.	in.	mm.	
50	222	1.97	50,0	13343B	13343B-P	NT-50-078-12	7.87	200	.19	4,8
		2.76	70,0	13345B	13345B-P	NT-50-110-12	11.02	280		
		3.54	90,0	13346B	13346B-P	NT-50-137-12	13.78	350		
		3.98	101,0	13347B	13347B-P	NT-50-149-12	14.96	380		

Standard color UV Black.

Material
Certifications



Nylon 6/6 or Nylon 12
Certified by UL for Compliance with both Canadian and U.S. requirements under File E54523 (Nylon 6/6 only)

Flammability Rating
Temperature Range

94V-2
-40°F (-40°C) to 185°F (85°C)
-58°F (-50°C) to 302°F (150°C) (Nylon 12)

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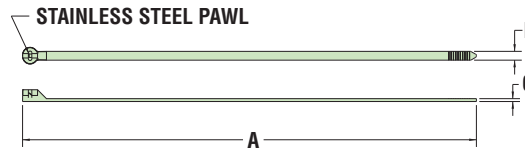


- Feature metal pawl for high strength and better durability.
- Self-locking head design speeds installation and locks into place at any length along the tie body.
- Provide a strong, durable method of cable bundling.
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial) applications.
- Smooth surfaces and rounded edges assure cable protection and worker safety.
- Part Description Key: NTMP-XXX-YYY where XXX = tensile (foot pounds) and YYY = length (inches x 10).
- These parts are not covered under Heyco’s solar warranty.

Heyco® Nytyes® with Stainless Steel Locking Device

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS					
Min. Tensile Strength		Max. Bundle Diameter		Natural	Black		A Length		B Width		C Thickness	
Lbs.	N	in.	mm.			in.	mm.	in.	mm.	in.	mm.	
18	80	.87	22,0	13000	13000B	NTMP-018-039	3.90	100	.12	3,0	.04	1,1
35	160	1.42	36,0	13001	13001B	NTMP-036-059	5.90	150	.16	4,0	.05	1,2
		2.09	53,0	13002	13002B	NTMP-036-079	7.90	200				
45	200	2.56	65,0	13003	13003B	NTMP-045-098	9.80	250	.20	5,0		
		2.99	76,0	13004	13004B	NTMP-045-118	11.80	300				
56	250	2.09	53,0	13008	13008B	NTMP-056-079	7.90	200	.31	8,0	.06	1,5
		2.60	66,0	13009	13009B	NTMP-056-094	9.40	240				
112	500	2.99	76,0	13010	13010B	NTMP-056-118	11.80	300				
		3.74	95,0	13012	13012B	NTMP-112-138	13.80	350				
124	550	4.45	113,0	13013	13013B	NTMP-112-157	15.70	400	.39	10,0	.07	1,7
		4.72	120,0	13014	13014B	NTMP-124-177	17.70	450				
		6.22	158,0	13015	13015B	NTMP-124-197	19.70	500				

Standard colors natural and UV Black.



Material: Nylon 6/6 wire tie with a stainless steel locking pawl
 Flammability Rating: 94V-2
 Temperature Range: -40°F (-40°C) to 185°F (85°C)



- **Extremely durable, vinyl jacketed Stainless Steel Cable Tie.**
- Smooth vinyl jacketing prevents damage to installation cable insulation.
- Stainless steel crimp sleeve for easy field installation with electrician linesman pliers, or wire cutters.
- **Certified by UL Specification 62275 for indoor and outdoor usage.**
- UV protected vinyl jacket is excellent for solar installation where product durability is required.
- Use standard wire cutters to both crimp the sleeve and cut the excess wire.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant.

Heyco® SunBundler®

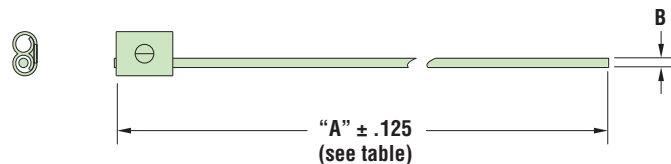
Crimp Lock PVC Coated Stainless Steel Wire Cable Ties



PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Max. Tensile Strength		Max. Bundle Diameter		100 Pack	Bulk		A Length		B Diameter	
Lbs.	N	in.	mm.			in.	mm.	in.	mm.	
100	440	2.30	58,4	S6408	S6409	SunBundler® 8	8	203	.06	1,6
		2.92	74,2	S6410	S6411	SunBundler® 10	10	254		
		3.88	98,6	S6412	S6413	SunBundler® 12	12	305		
		4.20	106,7	S6414	S6415	SunBundler® 14	14	356		
		6.36	161,5	S6420	S6421	SunBundler® 20	20	508		

Black vinyl jacketed 302/304 stainless steel wire

Standard color Black.



Material: Commercial Aircraft Grade 302/304 stainless wire w/UV protected vinyl jacket
 Certifications: Certified by Underwriters’ Laboratories for Compliance to both Canadian and U.S. Requirements under File E54523
 Temperature Range: -40°F (-40°C) to 221°F (105°C)

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Solar Power Components

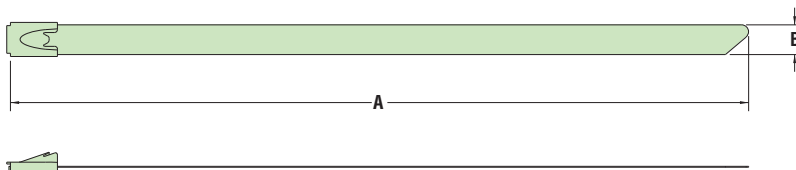
a PennEngineering® Company

Heyco® Stainless Steel Cable Ties

Ball Lock Stainless Steel Strip Cable Ties – Standard and PVC Coated

PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Min. Tensile Strength		Max. Bundle Diameter		Standard Steel	PVC Coated Black		A Length		B Width	
Lbs.	N	in.	mm.			in.	mm.	in.	mm.	
AISI 304										
112	500	1.18	30,0	12801	12801B	NTSS-0150-46A	5.91	150,0	.18	4,6
		2.05	52,0	12802	12802B	NTSS-0200-46A	7.87	200,0		
		2.68	68,0	12803	12803B	NTSS-0250-46A	9.84	250,0		
		3.23	82,0	12805	12805B	NTSS-0300-46A	11.81	300,0		
		3.86	98,0	12806	12806B	NTSS-0350-46A	13.78	350,0		
		4.33	110,0	12808	12808B	NTSS-0400-46A	15.75	400,0		
		5.75	146,0	12810	12810B	NTSS-0500-46A	19.69	500,0		
		7.09	180,0	12812	12812B	NTSS-0600-46A	23.62	600,0		
		9.50	240,0	12814	12814B	NTSS-0800-46A	31.50	800,0		
		250	1115	2.05	52,0	12821	12821B	NTSS-0200-79A		
2.68	68,0			12822	12822B	NTSS-0250-79A	9.84	250,0		
3.23	82,0			12824	12824B	NTSS-0300-79A	11.81	300,0		
3.86	98,0			12825	12825B	NTSS-0350-79A	13.78	350,0		
4.33	110,0			12827	12827B	NTSS-0400-79A	15.75	400,0		
5.75	146,0			12829	12829B	NTSS-0500-79A	19.69	500,0		
7.09	180,0			12831	12831B	NTSS-0600-79A	23.62	600,0		
8.27	210,0			12833	12833B	NTSS-0700-79A	27.56	700,0		
9.50	240,0			12834	12834B	NTSS-0800-79A	31.50	800,0		
12.09	307,0			12836	12836B	NTSS-1000-79A	39.37	1000,0		
AISI 316										
112	500	1.18	30,0	12851	12851B	NTSS-0150-46B	5.91	150,0	.18	4,6
		2.05	52,0	12852	12852B	NTSS-0200-46B	7.87	200,0		
		2.68	68,0	12853	12853B	NTSS-0250-46B	9.84	250,0		
		3.23	82,0	12855	12855B	NTSS-0300-46B	11.81	300,0		
		3.86	98,0	12856	12856B	NTSS-0350-46B	13.78	350,0		
		4.33	110,0	12858	12858B	NTSS-0400-46B	15.75	400,0		
		5.75	146,0	12860	12860B	NTSS-0500-46B	19.69	500,0		
		7.09	180,0	12862	12862B	NTSS-0600-46B	23.62	600,0		
		9.50	240,0	12864	12864B	NTSS-0800-46B	31.50	800,0		
		250	1115	2.05	52,0	12871	12871B	NTSS-0200-79B		
2.68	68,0			12872	12872B	NTSS-0250-79B	9.84	250,0		
3.23	82,0			12874	12874B	NTSS-0300-79B	11.81	300,0		
3.86	98,0			12875	12875B	NTSS-0350-79B	13.78	350,0		
4.33	110,0			12877	12877B	NTSS-0400-79B	15.75	400,0		
5.75	146,0			12879	12879B	NTSS-0500-79B	19.69	500,0		
7.09	180,0			12881	12881B	NTSS-0600-79B	23.62	600,0		
8.27	210,0			12883	12883B	NTSS-0700-79B	27.56	700,0		
9.50	240,0			12884	12884B	NTSS-0800-79B	31.50	800,0		
12.09	307,0			12886	12886B	NTSS-1000-79B	39.37	1000,0		

NEW PRODUCT



- For ease of assembly, position locking head so that the widest end is down.
- Part Description Key: NTSS-XXXX-YYA where XXXX = length (mm) and YYA = width (mm) with A indicating AISI 304 stainless steel and B indicating AISI 316 stainless steel.
- Stainless steel cable ties have more strength and better durability than nylon cable ties.
- Locking ball design for maximum holding strength and ease of installation.
- Coated ties offer additional protection and separation of dissimilar metals for improved corrosion resistance.
- Suitable for harsh outdoor environments; conform to standard IEC92 for Marine Electrical Appliances and the requirements of CB1113-85 “Plastic Covered Metal Cable Ties”, “Steel Sea Boats Construction Level Standard.”
- Secure bundles in moist and high temperature environments with decay, fire, corrosion, and radio resistance.
- Widely used in shipping, communication, and flight applications.
- .010" (0,25 mm) thick.
- Custom lengths available.
- 100 pack standard.



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Materials

AISI 304 or 316 stainless steel with PVC coating