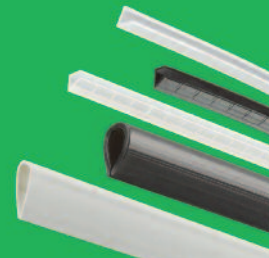
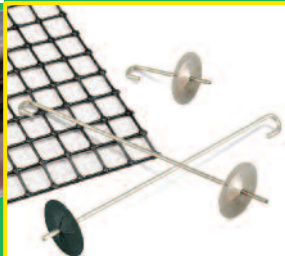
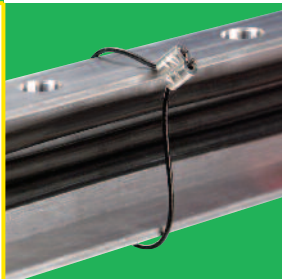


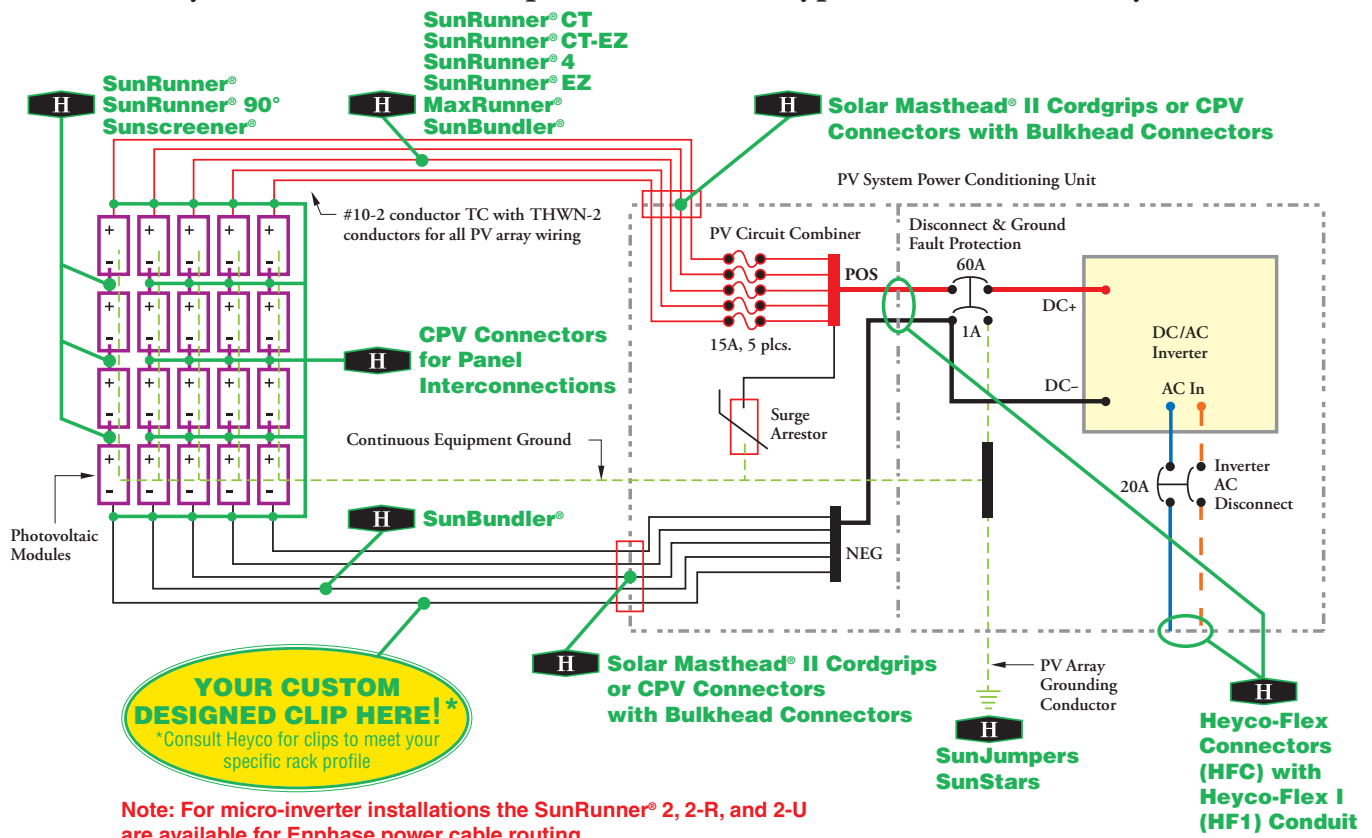
Heyco®
Sun Products
Catalog
– 2016 –



Contents:

- 1 Wire Management, Grounding and Screening Solutions, pages 1-0 thru 1-17
- 2 Enclosures and Module Components, pages 2-0 thru 2-45
- 3 Electrical Accessories, pages 3-0 thru 3-16

Heyco® Solar Power Components Used in Typical Grid-Tied PV System



Heyco Solar Products Warranty – Applies to all products in Section 1 (except NTMP, page 1-11) and products found on pages 2-39 through 2-44 only.

Heyco manufactures and sells products of the highest quality and stands behind them. In light of those facts, Heyco sells its products with the understanding and on the condition that the purchaser will test them in actual use and make his own determination as to their suitability and acceptability for his intended use, and the purchaser agrees to such condition. Use of Heyco products other than for the applications or environments illustrated herein constitutes a misuse for which the purchaser bears all responsibility.

Heyco warrants to the original purchaser that for a period of twenty (20) years from date of purchase the Heyco solar products shall be free from defects in material and workmanship. Except as set forth in the prior sentence, Heyco makes no other warranty, express or implied, and all other warranties are expressly disclaimed by Heyco. Heyco's obligation under this warranty and that of the seller is limited to the replacement of the defective product or the provision of new components at no charge. Under no circumstances are Heyco or the seller liable for any consequential, special, indirect, incidental, punitive or exemplary losses, damages or expenses, or for lost profits, lost business, or for lost opportunities, arising out of the use and/or inability to use the Heyco solar products, regardless of whether Heyco has been advised of the possibility of such damages.

In order to qualify for this warranty, the original purchaser must have installed the Heyco solar products in accordance with the appropriate Heyco installation instructions and all commercial building wiring standards and must not have subjected the Heyco solar products to abuse or mishandling.

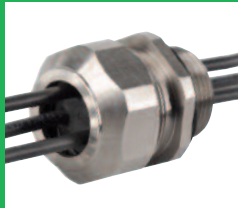
Force Majeure—Heyco shall not be responsible or liable in any way to the purchaser for any failure or delay in performance under this warranty due to any cause beyond its control such as war, riots, strikes, natural disaster, acts of God, acts of terrorism, flood, fire, accident, delay in transportation, intervention by governmental entities, change in laws or regulations or any other unforeseen event beyond its control.

Wire Management,
Grounding
and Screening
Solutions

Visit Us at
heycosolar.com



1-1 Heyco-Tite Solar Masthead II Liquid Tight Cordgrips



1-2 Heyco-Tite Solar Masthead Metal Liquid Tight Cordgrips



1-3 Heyco-Tite UL Listed/Recognized & CSA Certified Liquid Tight Cordgrips



1-4 HEYClip SunRunner Cable Clip



1-4 HEYClip SunRunner EZ Cable Clip



1-5 HEYClip SunRunner 4 Cable Clip



1-5 HEYClip SunRunner 90° Cable Clip



1-6 HEYClip Stainless Steel SunRunner 2-S Series Cable Clips



1-6 HEYClip SunRunner CT Cable Tie Mounting Platforms



1-7 & 1-9 HEYClip Stainless Steel SunRunner 2 Series Cable Clips for Micro-Inverter Cables



1-8 & 1-9 HEYClip Nylon UVX SunRunner 2 Series Cable Clips for Micro-Inverter Cables



1-10 HEYClip MaxRunner Cable Clip Arrays - Clip & Flush Mount



1-11 Nyties w/Stainless Steel Locking Device



1-11 SunBundler Stainless Steel Wire Cable Ties



1-12 Stainless Steel Cable Ties



1-13 SunWrap - Polyethylene



1-13 SunWrap - Heavy Duty Cable Guard



1-14 SunWrap - Nylon



1-14 Heyco-Flex V Nylon Split Tubing



1-15 Copper & Aluminum LugRunners



1-15 SunJumpers & SunStars



1-16 SunClamp Stainless Steel Cable Clamps



1-16 Steel Cushion Clamps



1-17 SunScreener Wire Mesh Clip



1-17 SunScreen Wire Mesh



NEW

Heyco® SunScreenKit™

36 pieces of PART NO. S6437 SunScreen Clips bundled together with one 100' Roll of SunScreen Wire Mesh

For Clip and Screen product details, see page 1-17

KIT NO.	CLIP QTY.	MESH	
		Width in.	Length ft.
S6465	36	4	100' Roll
S6467	36	6	
S6469	36	8	

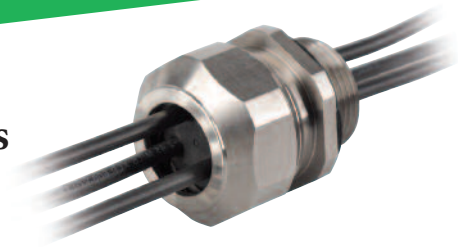


ALL NEW PRODUCT!

Heyco®-Tite Solar Masthead® Metal Liquid Tight Cordgrips

Multi-Hole, NPT Hubs - IP 68 Rated

The Ultimate in Liquid Tight Strain Relief Protection

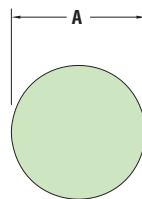
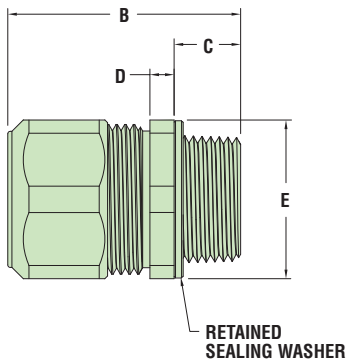


GLAND CONFIGURATION			PART NO.	DESCRIPTION	PACKAGING	UL/CS or cULus	A		B		C		D		E	
Size mm.	Type	No.					Standard Pack	Clearance Hole Dia.	Max. O.A. Length	Thread Length	in.	mm.	in.	mm.	Thickness	Wrenching Nut Flat Size
Stainless Steel																
5,5	USE-2	9	M6013GBK-SM	SSMCG 1	25	cULus	1.375	34,9	2.22	56,4	.69	17,5	.20	5,1	1.75	44,5
		13	M6016GBM-SM	SSMCG 1-1/4	10	cULus	1.734	44,0	2.61	65,0	.71	18,0	.25	6,4	2.25	57,2
		21	M6018GBQ-SM	SSMCG 1-1/2	5	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
		31	M6020GBY-SM	SSMCG 2	5	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
7,7	PV 1000	5	M6013GBT-SM	SSMCG 1	25	UL/CS	1.375	34,9	2.22	56,4	.69	17,5	.20	5,1	1.75	44,5
		9	M6016GBW-SM	SSMCG 1-1/4	10	cULus	1.734	44,0	2.61	65,0	.71	18,0	.25	6,4	2.25	57,2
		11	M6018GBZ-SM	SSMCG 1-1/2	5	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
		19	M6020GBX-SM	SSMCG 2	5	UL/CS	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
8,9	PV 1000**	7	M6016GCJ-SM	SSMCG 1-1/4	10	cULus	1.734	44,0	2.61	65,0	.71	18,0	.25	6,4	2.25	57,2
		9	M6018GCK-SM	SSMCG 1-1/2	5	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
		12	M6020GCM-SM	SSMCG 2	5	UL/CS	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
Aluminum																
5,5	USE-2	9	M6113GBK-SM	ALMCG 1	25	cULus	1.375	34,9	2.22	56,4	.69	17,5	.20	5,1	1.75	44,5
		13	M6116GBM-SM	ALMCG 1-1/4	10	cULus	1.734	44,0	2.61	65,0	.71	18,0	.25	6,4	2.25	57,2
		21	M6118GBQ-SM	ALMCG 1-1/2	5	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
		31	M6120GBY-SM	ALMCG 2	5	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
7,7	PV 1000	5	M6113GBT-SM	ALMCG 1	25	UL/CS	1.375	34,9	2.22	56,4	.69	17,5	.20	5,1	1.75	44,5
		9	M6116GBW-SM	ALMCG 1-1/4	10	cULus	1.734	44,0	2.61	65,0	.71	18,0	.25	6,4	2.25	57,2
		11	M6118GBZ-SM	ALMCG 1-1/2	5	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
		19	M6120GBX-SM	ALMCG 2	5	UL/CS	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
8,9	PV 1000**	7	M6116GCJ-SM	ALMCG 1-1/4	10	cULus	1.734	44,0	2.61	65,0	.71	18,0	.25	6,4	2.25	57,2
		9	M6118GCK-SM	ALMCG 1-1/2	5	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
		12	M6120GCM-SM	ALMCG 2	5	UL/CS	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9

* AWG 10 and 12 for both USE-2 and PV 1000

** For 8 AWG USE-2 Wire, use Solar Mastheads for 7,7 mm conductors.

Assembled Metal Locknuts INCLUDED.



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- Break-Thru Skinned-Over glands offer flexibility to use from 1 to 31 of the available holes while still providing a liquid tight seal around the wire.
- Rolled grease-free threads prevent galling and allow for multiple assemblies and disassemblies.
- Self-retaining sealing rings eliminate the need for an O-Ring groove, thus reducing cost.
- Stainless Steel ideal for corrosive environments.
- Aluminum a less costly solution for robust environments.
- Provide a watertight seal for PV module output leads to inverters.
- Secure input PV leads from solar panel array strings to fuse holder hookup within solar combiner boxes.
- No disassembly required for installation.
- Sealing washer required for through hole applications only.
- Resistant to salt water, acids and most chemicals.
- DFARS Compliant.

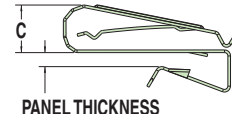
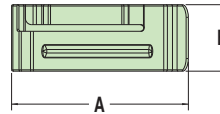
Material	SSMCG: 303 Stainless Body and sealing nut with Nylon 6/6 finger and TPE Gland ALMCG: 6061 Aluminum body and sealing nut with Nylon 6/6 finger and TPE Gland
Certifications	UL Recognized under Underwriters' Laboratories File E51579 cULus Recognized under Underwriters' Laboratories File E51579
Flammability Rating	94V-2
Temperature Range	-4°F (-20°C) to 212°F (100°C)
IP Rating	IP 68 (70 PSI, 5 BAR)



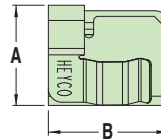
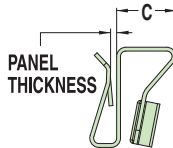
- **Designed to hold up to (4) 12 gauge USE-2 or (4) 10 gauge PV-1000V solar wires.** Also for use with other types of cables from .20" (5,1 mm) to .30" (7,6 mm) in diameter.
- Reinforced spine for better rigidity with maximum cables.
- Contoured finger design for secure cable gripping from minimum to maximum cable diameter.
- Designed to provide a better method for PV module wire management and may be used whenever multiple cable management is needed.
- Smooth clip edges prevent damage to cable insulation.
- SunRunner 4 Cable Clip is designed to accommodate thicker racking systems up to .250" (6,4 mm) thick.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant.

HEYClip™ SunRunner® 4 Cable Clip

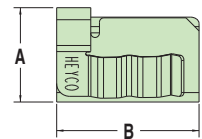
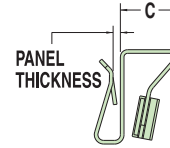
PANEL THICKNESS CLAMPING RANGE				WIRE DIA. RANGE Maximum (4) Wires	PART NO.	DESCRIPTION	FOOTPRINT A x B		OVERALL HEIGHT C	
Minimum in.	Maximum mm.	Minimum in.	Maximum mm.				in.	mm.	in.	mm.
Double-Compression Design for panels up to .250" (6,4 mm) thick										
.13	3,2	.25	6,4	.20" (5,1 mm)- .30" (7,6 mm) each cable	S6400	SunRunner 4 100 Pack	1.34 x .50	34,0 x 12,7	.36	9,1
					S6440	SunRunner 4 Bulk				



SunRunner® 4™



SunRunner® 90°



SunRunner® 90-2

HEYClip™ SunRunner® 90° Cable Clips

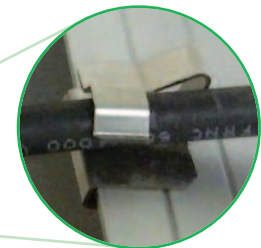
Double-Compression, Right Angle Design

PANEL THICKNESS CLAMPING RANGE				WIRE DIA. RANGE Maximum (1) Wire	PART NO.	DESCRIPTION	FOOTPRINT A x B		OVERALL HEIGHT C	
Minimum in.	Maximum mm.	Minimum in.	Maximum mm.				in.	mm.	in.	mm.
Single Wire Clip										
.06	1,4	.13	3,2	.20" (5,1 mm)- .30" (7,6 mm) each cable	S6406	SunRunner 90° 100 Pack	.65 x .78	16,5 x 19,8	.39	9,9
					S6446	SunRunner 90° Bulk				

Double Wire Clip										
.06	1,4	.13	3,2	.20" (5,1 mm)- .30" (7,6 mm) each cable	S6436	SunRunner 90-2 100 Pack	.65 x .98	16,5 x 24,9	.39	9,9
					S6476	SunRunner 90-2 Bulk				

NEW PRODUCTS

- **SunRunner 90° Cable Clip is 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° 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° will 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.



Material SunRunner 4 – .020" thick heat treated 410 stainless steel
SunRunner 90° – .025" thick 304 stainless steel

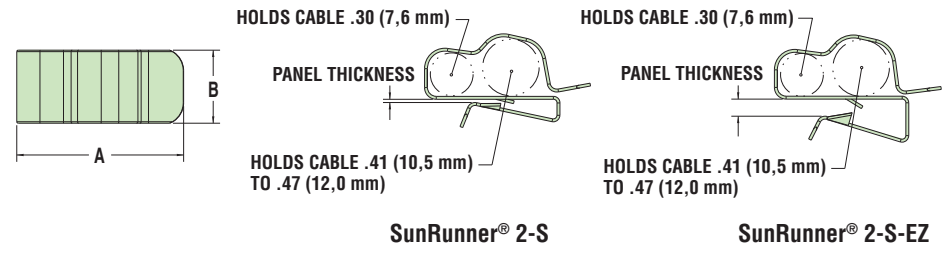
Certifications Certified by UL for Compliance with both Canadian and US Requirements under File E54523 (SunRunner 90 only)



HEYClip™ Stainless Steel SunRunner® 2-S Series Cable Clips

For Rail-less Systems

PANEL THICKNESS CLAMPING RANGE				WIRE DIA. RANGE		PART NO.	DESCRIPTION	FOOTPRINT A x B		REAR TAB LENGTH	
Minimum		Maximum		in.	mm.			in.	mm.	in.	mm.
in.	mm.	in.	mm.			in.	mm.				
SunRunner 2-S											
.05	1,3	.12	3,0	.30 - .47	7,6-12,0	S6448	SunRunner 2-S 100 Pack	1.14 x .50	29,0 x 12,7	.68	17,3
						S6488	SunRunner 2-S Bulk				
SunRunner 2-S-EZ											
.12	3,0	.25	6,4	.30 - .47	7,6-12,0	S6449	SunRunner 2-S-EZ 100 Pack	1.14 x .50	29,0 x 12,7	.68	17,3
						S6489	SunRunner 2-S-EZ Bulk				



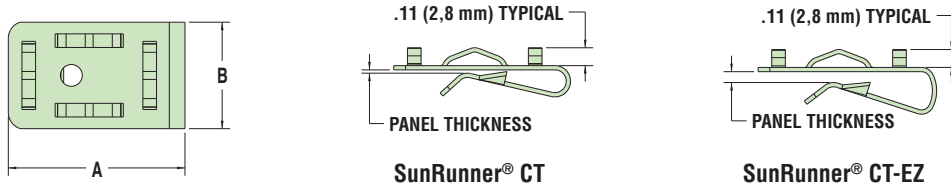
- Designed to hold Micro-Inverter Cables .413" (10,5 mm) to .472" (12,0 mm) and Module Cables up to .300" (7,6 mm) in diameter for rail-less mounting systems.
- Constructed from heat treated 410 stainless steel for excellent strength and corrosion protection for outdoor exposure.
- Smooth clip edges prevent damage to cable installation.
- Designed for panel and cable retention up to 15 lbs.
- Neatly dress cables on PV panels or module frames from .050" (1,3 mm) to .250" (6,4 mm) thick.



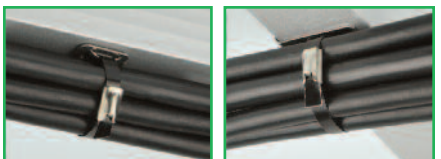
HEYClip™ SunRunner® CT Cable Tie Mounting Platforms

Stainless Steel Edge Clip

MAX CABLE TIE WIDTH		PANEL THICKNESS CLAMPING RANGE				INSERT POINTS	PART NO.	DESCRIPTION	FOOTPRINT A x B		REAR TAB LENGTH	
Minimum		Maximum		in.	mm.				in.	mm.	in.	mm.
in.	mm.	in.	mm.			in.	mm.	in.				
SunRunner CT												
.31	8,0	.06	1,5	.12	3,0	4	S6434	SunRunner CT 100 Pack	1.05 x .63	26,7 x 16,0	.77	19,5
							S6474	SunRunner CT Bulk				
SunRunner CT-EZ												
.31	8,0	.12	3,0	.25	6,4	4	S6435	SunRunner CT-EZ 100 Pack	1.06 x .63	26,9 x 16,0	.77	19,5
							S6475	SunRunner CT-EZ Bulk				



- Designed to easily mount to module or frame extrusions without the need for mounting holes or adhesives.
- Designed to be used with Heyco Stainless Steel Cable Ties up to .31" (8,0 mm) width or Heyco SunBundler Stainless Steel Wire Cable Ties.
- Hold cable bundles parallel or perpendicular to the mounting frame.
- Generous lead-in for installation without tools.
- Constructed from corrosion resistant 304 stainless steel.
- SunRunner CT-EZ designed for thicker module frames as well as racking systems - accommodates profiles up to .250" (6,4 mm) thick.
- UL Listed per UL 1565.



Material .020" thick heat treated 410 stainless steel (2-S & 2-S-EZ)
 .025" Thick 304 stainless steel (CT & CT-EZ)

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

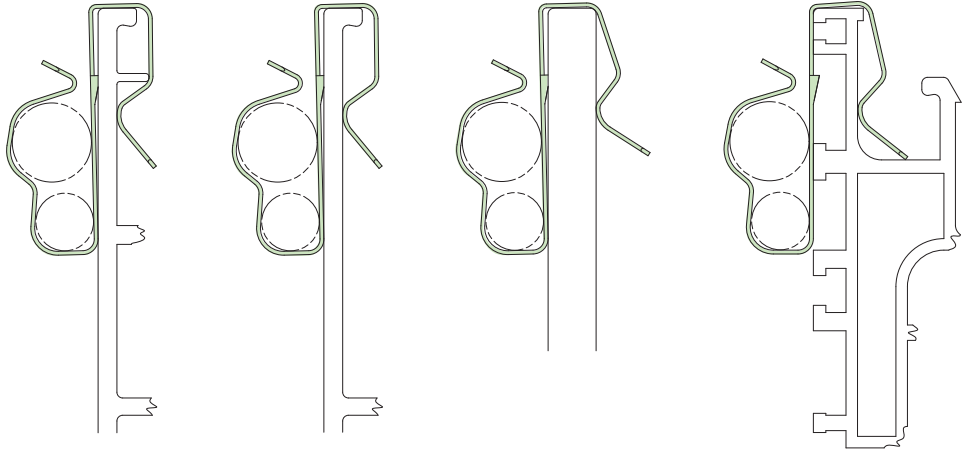
Mount Parallel or Perpendicular



HEYClip™ Stainless Steel and Nylon UVX SunRunner® 2 Series Cable Clips for Micro-Inverter Cables (Stainless Steel shown below)

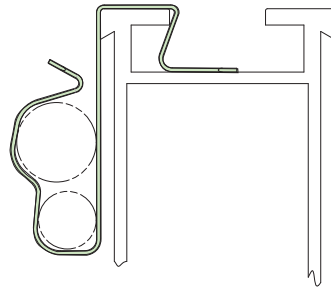
“Where Used” Rack Profiles

SunRunner 2
fits Everest, SnapNrack,
and similar rack profiles

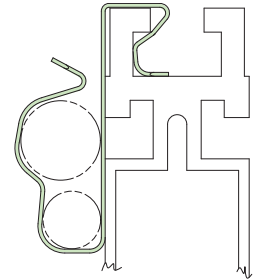


Consult Heyco
for clips to meet
your specific
rack profile

SunRunner 2-R
fits Haticon Solar, S-FLEX
and similar rack profiles



SunRunner 2-U
fits Unirac Solar Mount
Standard Rail and similar
rack profiles

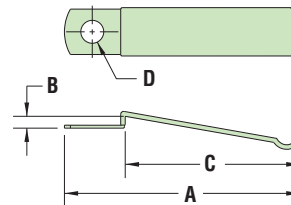


- This vinyl coated spring steel clamp secures round cable, ribbon cable, and tubing.
- Vinyl coating protects and insulates.
- Mounts with a #6 (M3,5) screw, yet cable can be inserted and removed without removing the clip.

HEYClip™ Vinyl Coated Spring Clamps

**ALL NEW
PRODUCT!**

PART NO.	DESCRIPTION	PART DIMENSIONS							
		A		B		C		D	
		Length	Clamping Height	Clamping Length	Mounting Hole	in.	mm.	in.	mm.
12710	VCSP-161-09	1.61	40,9	.09	2,3	1.19	30,2	.156	4,0
12711	VCSP-263-09	2.63	66,8	.09	2,3	2.24	56,9		



*Quick
Specs*

Material VCSP Body: Stainless steel, w/vinyl coating .02" (0,5 mm) thick
Coating: Soft, PVC, .032" (0,8 mm) minimum thickness

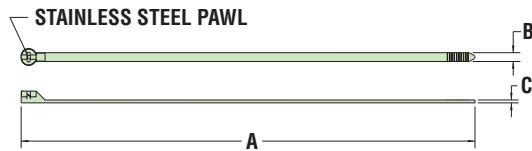


- Feature metal pawl for high strength and better durability.
- Self-locking head design speeds installation and locks into place at any length along the tie body.
- Provide a strong, durable method of cable bundling.
- Can be used in a wide range of indoor, outdoor, and underground (including direct 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				
		2.99	76,0	13010	13010B	NTMP-056-118	11.80	300				
112	500	2.99	76,0	13011	13011B	NTMP-112-118	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				
124	550	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)



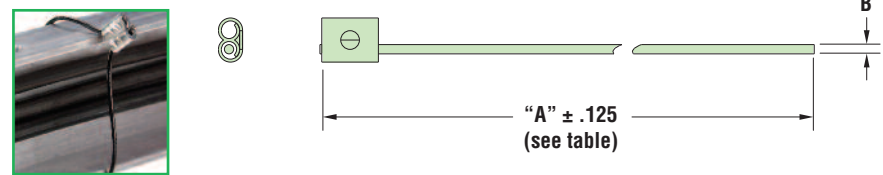
- **Extremely durable, vinyl jacketed Stainless Steel Cable Tie.**
- Smooth vinyl jacketing prevents damage to installation cable insulation.
- Stainless steel crimp sleeve for easy field installation with electrician linesman pliers, or wire cutters.
- **Certified by UL Specification 62275 for indoor 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.	
Black vinyl jacketed 302/304 stainless steel wire										
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		

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)



- 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				
		2.99	76,0	13010	13010B	NTMP-056-118	11.80	300				
112	500	2.99	76,0	13011	13011B	NTMP-112-118	11.80	300	.39	10,0	.07	1,7
		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				
		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)



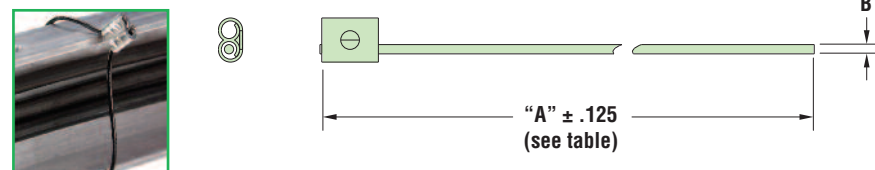
- **Extremely durable, vinyl jacketed Stainless Steel Cable Tie.**
- Smooth vinyl jacketing prevents damage to installation cable insulation.
- Stainless steel crimp sleeve for easy field installation with electrician linesman pliers, or wire cutters.
- **Certified by UL Specification 62275 for indoor 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.	
Black vinyl jacketed 302/304 stainless steel wire										
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		

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)



Heyco® Stainless Steel Cable Ties

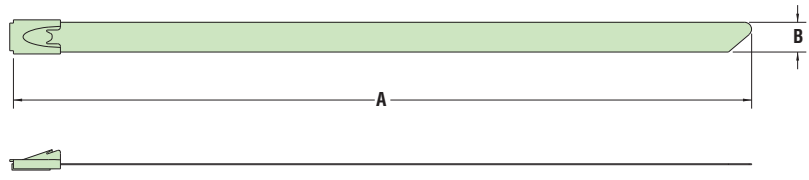
Ball Lock Stainless Steel Strip Cable Ties - Standard and PVC Coated

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	7.87	200,0	.31	7,9
		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	7.87	200,0	.31	7,9
		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.



Materials AISI 304 or 316 stainless steel with PVC coating

Quick Specs



Heyco® SunClamp™ Stainless Steel Cable Clamps

MOUNTING HOLE DIAMETER		SCREW SIZE	PART DIMENSION A		PART NO.	DESCRIPTION
in.	mm.		in.	mm.		
Standard – "P Clamp" Design						
.203	5,2	10	.25	6,3	S3374	CC H 1/4 SS
			.38	9,5	S3376	CC H 3/8 SS
			.50	12,7	S3378	CC H 1/2 SS
			.63	15,9	S3380	CC H 5/8 SS
			.75	19,1	S3382	CC H 3/4 SS
			.88	22,2	S3384	CC H 7/8 SS
Standard – Coated						
.203	5,2	10	.25	6,3	S3324	CC H 1/4 SSC
			.38	9,5	S3326	CC H 3/8 SSC
			.50	12,7	S3328	CC H 1/2 SSC
			.63	15,9	S3330	CC H 5/8 SSC
			.75	19,1	S3332	CC H 3/4 SSC
			.88	22,2	S3334	CC H 7/8 SSC



- For clamping cable or tubing securely into place, especially in **harsh environments**.
- Smooth "coined" clamp edges prevent damage to cable insulation.
- Constructed from corrosion resistant 304 stainless steel.
- Insulated parts are constructed from 304 stainless steel and coated with polyolefin, a thermoplastic co-polymer that provides a durable non-toxic, odorless coating that has very good low temperature flexibility and excellent electrical properties. This coating also has FDA food contact approval.
- Consult Heyco for larger sizes.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- All parts require a .203" (5,2 mm) mounting hole suitable for a #10 screw.
- DFARS Compliant.

Heyco® Steel Cushion Clamps

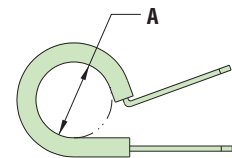


MOUNTING HOLE DIA.		SCREW SIZE	PART DIMENSION A		PART NO.	DESCRIPTION
in.	mm.		in.	mm.		
.650 (16,5 mm) Overall Width, .031 (0,8 mm) Steel Thickness						
.265	6,7	1/4	.187	4,7	12300	CCSC L 3/16
			.250	6,3	12301	CCSC L 1/4
			.312	7,9	12302	CCSC L 5/16
			.375	9,5	12303	CCSC L 3/8
			.437	11,1	12304	CCSC L 7/16
			.500	12,7	12305	CCSC L 1/2
			.562	14,3	12306	CCSC L 9/16
			.625	15,9	12307	CCSC L 5/8
			.687	17,4	12308	CCSC L 11/16
			.750	19,1	12309	CCSC L 3/4
			.875	22,2	12310	CCSC L 7/8
			1.000	25,4	12311	CCSC L 1
			1.125	28,6	12312	CCSC L 1-1/8
			1.250	31,8	12313	CCSC L 1-1/4
.750 (19,1 mm) Overall Width, .047 (1,2 mm) Steel Thickness						
.406	10,3	7/16	.250	6,3	12331	CCSC H 1/4
			.312	7,9	12332	CCSC H 5/16
			.375	9,5	12333	CCSC H 3/8
			.437	11,1	12334	CCSC H 7/16
			.500	12,7	12335	CCSC H 1/2
			.625	15,9	12337	CCSC H 5/8
			.687	17,4	12338	CCSC H 11/16
			.875	22,2	12340	CCSC H 7/8
			1.000	25,4	12341	CCSC H 1
			1.250	31,8	12343	CCSC H 1-1/4

Material 304 Stainless Steel (Stainless Steel Cable Clamps)
Zinc Plated Steel with an EPDM Sleeve (Steel Cushion Clamps)



- Light to heavy duty steel clamp.
- E.P.D.M. cushion for electrical insulation and vibration absorption.
- Steel clamps are zinc electroplated for corrosion resistance.
- Color - Silver with durable black cushion.



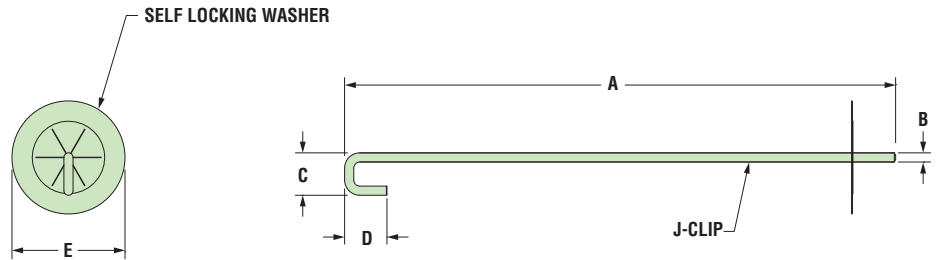
Quick Specs



Heyco® SunScreener® Wire Mesh Clip

- **Helps protect solar panels from rodents and nesting birds with wire mesh screening** (screening not included). See Heyco Sunscreen below.
- Constructed from 303 and 304 Stainless Steel for maximum endurance to outdoor elements.
- 303 Stainless Steel J-Hook easily attaches to the solar panel frames and can easily be trimmed or bent after assembly.
- 304 Stainless Steel Washers will firmly hold wire mesh screen to the module assembly preventing squirrels and rodents from damaging the interconnection wires and birds from building nests under the solar panel.
- Does not violate panel integrity.
- Installs quickly and easily with standard linesman pliers
- Black color available for those applications subject to **HOA appearance restrictions**.
- Stainless Steel Washers are offered in both steel color and black painted versions.
- Not for use in a marine salt water environment. Contact Heyco for alternative materials.
- DFARS Compliant

PART NO.		PART DIMENSIONS									
Steel Gray	Black	A		B		C		D		E	
		Overall Length		Diameter		Width		Height		Washer Diameter	
		in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
Stainless Steel											
S6437	S6438	4.87	124,0	.08	2,0	.38	9,7	.38	9,7	1.00	25,4



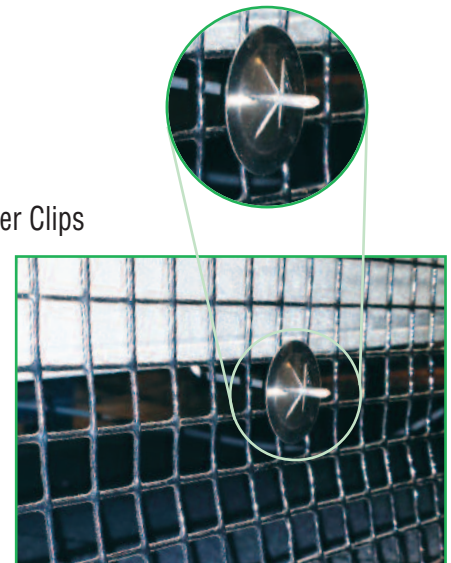
Heyco® SunScreen™

Wire Mesh - For use with Heyco SunScreener Clips

PART NO.	PART DIMENSIONS	
	Black	Length
	Width	feet
	in.	
S6464	4	100´
S6466	6	Rolls
S6468	8	

- Mesh dimension is 1/2" x 1/2".
- DFARS Compliant
- For SunScreener Clips and SunScreen Mesh bundled in **Kit** form, see Section 1 of Table of Contents.

Quick Specs



Material SunScreener Wire Mesh Clip
 J-Hook 303 Stainless steel
 Washer 304 Stainless steel

SunScreen Wire Mesh
 PVC Coated, galvanized welded steel mesh



**NO O-RING
REQUIRED!**

**ALL NEW
PRODUCTS!**

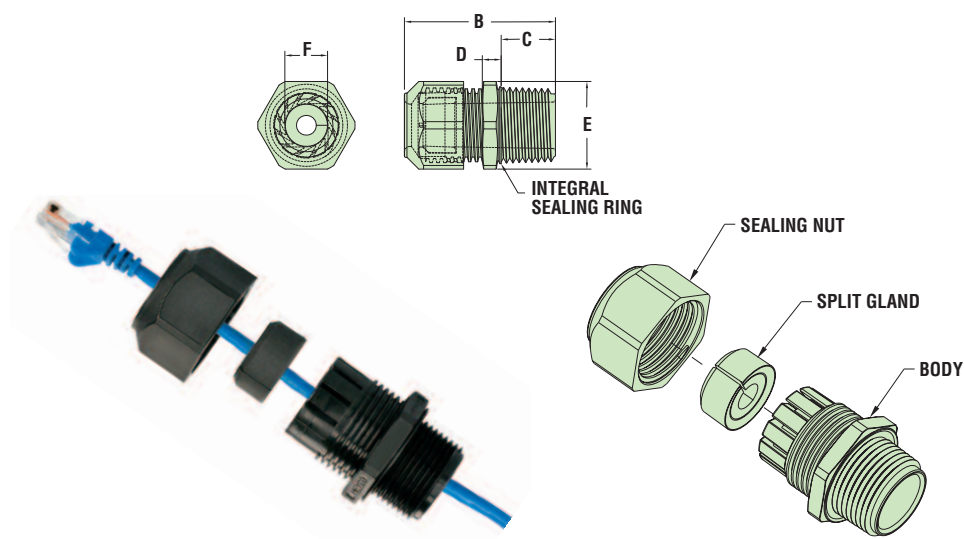
Heyco® -Tite Liquid Tight Cordgrips
Split Gland for Pre-assembled Cables with Integral Sealing Ring
The Ultimate in Liquid Tight Strain Relief Protection



CABLE DIAMETER RANGE				PART NUMBER		DESCRIPTION	UL or IEC	PART DIMENSIONS															
Minimum		Maximum		Black	Gray			A	B		C		D		E		F						
in.	mm.	in.	mm.			Clearance Hole Dia.	in.	mm.	Max. O.A. Length	in.	mm.	Thread Length	in.	mm.	Wrenching Nut Thickness	in.	mm.	Flat Size	in.	mm.	Sealing Nut Inside Dia.	in.	mm.
NPT Hubs																							
.210	5,3	.334	8,5	M3200GBH	M3201GBH	LTCG LL 1/2 NPT 8.5 MM Split	cULus	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0	.56	14,2				
.210	5,3	.334	8,5	M3234GBH	M3235GBH	LTCG 3/4 NPT 8.5 MM Split	cULus	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0	.72	18,3				
.138	3,5	.610	15,5	M3234GBJ	M3235GBJ	LTCG 3/4 NPT Split Oval*	cULus	1.040	26,4	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0	.72	18,3				
.250	6,4	.334	8,5	M8437GBH	M8438GBH	LTCG 1 NPT 8.5 MM Split	cULus	1.326	33,7	2.41	61,2	.76	19,3	.30	7,6	1.73	43,9	1.01	25,7				
				M4524GBH	M4525GBH	LTCG 1-1/4 NPT 8.5 MM Split	cULus	1.680	42,7	2.69	68,3	.78	19,8	.30	7,6	2.05	52,1	1.27	32,3				
PG Hubs																							
.210	5,3	.334	8,5	M3219GBH	M3220GBH	LTCG 16 8.5MM Split	cULus	.886	22,5	1.68	42,7	.44	11,2	.25	6,4	1.06	27,0	.56	14,2				
				M3222GBH	M3223GBH	LTCG 21 8.5MM Split	cULus	1.115	28,3	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0	.72	18,3				
.250	6,4	.334	8,5	M3225GBH	M3226GBH	LTCG 29 8.5MM Split	cULus	1.470	37,3	2.23	56,6	.57	14,5	.30	7,6	1.73	43,9	1.01	25,7				
				M3204GBH	M3203GBH	LTCG 36 8.5MM Split	cULus	1.875	47,6	2.39	60,7	.47	11,9	.31	7,9	2.05	52,7	1.27	32,3				
Metric Hubs																							
.210	5,3	.334	8,5	M3198GBH	M3199GBH	LTCG LL M20 8.5MM Split	cULus	.787	20,0	1.65	41,9	.41	10,4	.25	6,4	1.06	26,9	.56	14,2				
				M4344GBH	M4345GBH	LTCG M25 8.5MM Split	cULus	.985	25,0	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0	.72	18,3				
.250	6,4	.334	8,5	M4348GBH	M4349GBH	LTCG M32 8.5MM Split	cULus	1.260	32,0	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9	1.01	25,7				
				M4352GBH	M4353GBH	LTCG M40 8.5MM Split	cULus	1.575	40,0	2.39	60,7	.47	11,9	.31	7,9	2.05	52,7	1.27	32,3				

Standard color black.
 *Oval shaped gland opening; not UL Recognized.

- Split Glands are designed for application to the cable **after the cable has passed through the LTCG**; e.g., RJ45 cable with Cat5e termination.
- Simply pass the cable termination through the LTCG body, apply Split Gland to the cable, and insert the gland/cable assembly into the LTCG fingers. Then tighten the Sealing Nut to achieve a **liquid tight seal**.
- For other cable/termination configuration sizes, and Pg and Metric hub threads, please consult Heyco.
- Integral Sealing Ring ensures a superior seal at the clearance or threaded mounting hole location, every time.



**Consult Heyco
for PG and Metric
Threaded Hubs**

Material	Nylon 6/6 w/TPE Sealing Gland
Certifications	cULus Recognized under the Component Program of Underwriters' Laboratories File E51579 to both Canadian and U.S. Requirements
Flammability Rating	94V-2—Consult factory for V0 material
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 (70 PSI, 5 BAR)

*Quick
Specs*



HEYbrid™ Aluminum Liquid Tight Cordgrips

Straight-Thru, NPT Hubs

Don't get SKU'ed: More Cable Range, Fewer SKU's!

The Ultimate in Liquid Tight Strain Relief Protection



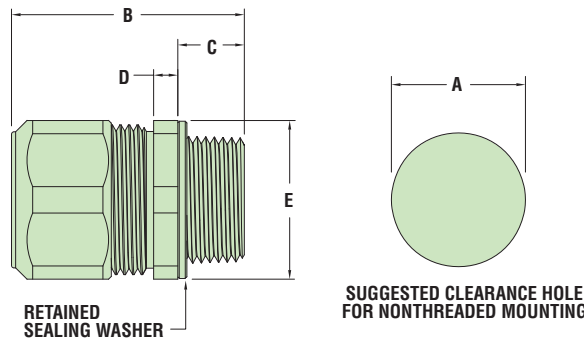
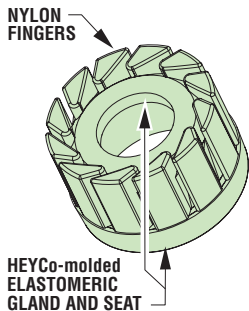
CABLE DIA. RANGE				PART NO.	DESCRIPTION	UL or RA	PART DIMENSIONS									
Minimum		Maximum					Machined Aluminum	A		B		C		D		E
in.	mm.	in.	mm.		Clearance Hole Dia.	Max. O.A. Length		Thread Length	Thickness	Wrenching Nut Flat Size						
HEYCo-molded Finger/Gland																
.065	1,7	.210	5,3	M6100	RALCG 1/4		.540	13,7	1.29	32,8	.40	13,2	.20	5,1	.75	19,1
.115	2,9	.250	6,4	M6101	ALCG 1/4	RA										
.065	1,7	.230	5,8	M6102	RALCG 3/8		.680	17,3	1.39	35,3	.41	10,4	.20	5,1	.88	22,4
.105	2,7	.315	8,0	M6103	ALCG 3/8	RA										
.095	2,4	.290	7,4	M6106	RALCG 1/2		.875	22,2	1.69	42,9	.53	13,5	.20	5,1	1.06	26,9
.170	4,3	.450	11,4	M6107	ALCG 1/2	UL										
.180	4,6	.400	10,1	M6108	RALCG LL 1/2		.875	22,2	1.81	46,0	.53	13,5	.20	5,1	1.25	31,8
.260	6,6	.545	13,8	M6109	ALCG LL 1/2	UL										
.250	6,4	.490	12,4	M6110	RALCG 3/4		1.109	28,2	1.93	49,0	.55	14,0	.20	5,1	1.31	33,3
.435	11,0	.705	17,9	M6111	ALCG 3/4	UL										
.490	12,4	.785	19,9	M6112	RALCG 1		1.375	34,9	2.29	58,1	.69	17,5	.20	5,1	1.75	44,5
.590	15,0	1.000	25,4	M6113	ALCG 1	UL										

Assembled O-ring **INCLUDED**.

Locknut not included - see page 3-13 for Metal Locknuts

- **HEYCo-molded gripping finger/gland technology** accommodates the **widest cable range** over the **fewest sku's**.
- Rolled grease-free threads **prevent galling** and allow for multiple assemblies and disassemblies. No messy, unsightly thread lubrication required.
- Approved for **NEMA 4, 4X, 6 and 6P**.
- Self-retaining sealing rings eliminate the need for an O-Ring groove, thus **reducing cost**.
- **Aluminum construction** provides excellent durability and performance for most **industrial applications**.
- For use in both indoor and outdoor applications to prevent cable pull-out, control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture, and coolants.
- Sealing washer required for through hole applications only.
- Unique design with a combination tightening surface that includes both a hex area and a knurled surface.
- Anti-friction washer allows for easier compression.
- DFARS Compliant

The HEYCo-molded Finger, Gland & Seat



Material	6061 Aluminum Body and sealing nut with nylon 6/6 and TPE co-molded finger/gland assembly SBR Sealing Washer
Certifications	cULus Listed under Underwriters' Laboratories File E51579 cRAus Recognized under Underwriters' Laboratories File E51579
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)
IP Rating	IP68 (70 PSI, 5 BAR)

Quick Specs



- **HEYCo-molded gripping finger/gland technology** accommodates the **widest cable range** over the **fewest sku's**.
- Rolled grease-free threads **prevent galling** and allow for multiple assemblies and disassemblies. No messy, unsightly thread lubrication required.
- Approved for **NEMA 4, 4X, 6 and 6P**.
- Self-retaining sealing rings eliminate the need for an O-Ring groove, thus **reducing cost**.
- Sealing washer required for through hole applications only.
- Typical applications: Control cabinets, marine, car washes, hot tubs, instrumentation, carpet cleaning machines, food processing equipment, underground for direct burial or submersed up to 130 ft. (70 PSIG).
- Ideal for corrosive environments.
- Constructed from corrosion resistant 303 stainless steel.
- Resistant to salt water, acids and most chemicals.
- Locknuts not included. To order locknuts separately, see page 3-13.
- Patent pending.
- DFARS Compliant

HEYbrid™ Stainless Steel Liquid Tight Cordgrips

Straight-Thru, NPT Hubs

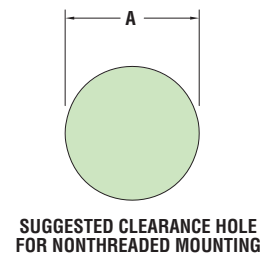
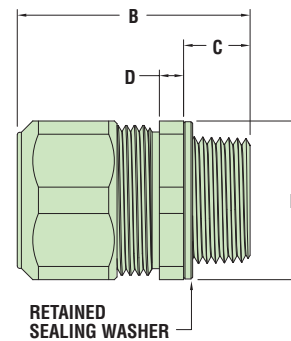
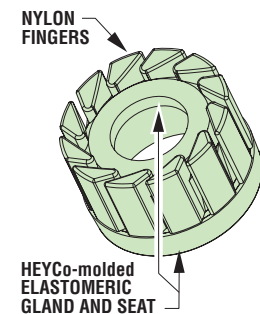
Don't get SKU'ed: More Cable Range, Fewer SKU's – Genetically engineered to destroy your inventory monster!

The Ultimate in Liquid Tight Strain Relief Protection



CABLE DIA. RANGE		PART NO.	DESCRIPTION	UL or IEC	PART DIMENSIONS											
Minimum	Maximum				A	B	C	D		E						
in.	mm.	in.	mm.	Clearance Hole Dia.	Max. O.A. Length	Thread Length	Thickness	Wrenching Nut Flat Size	in.	mm.	in.	mm.				
HEYCo-molded Finger/Gland																
.065	1,7	.210	5,3	M6000	RSSCG 1/4	cULus	.540	13,7	1.29	32,8	.40	10,2	.20	5,1	.75	19,1
.115	2,9	.250	6,4	M6001	SSCG 1/4	cULus	.680	17,3	1.39	35,3	.41	10,4	.20	5,1	.88	22,4
.065	1,7	.230	5,8	M6002	RSSCG 3/8	cULus	.680	17,3	1.39	35,3	.41	10,4	.20	5,1	.88	22,4
.105	2,7	.315	8,0	M6003	SSCG 3/8	cULus	.875	22,2	1.69	42,9	.53	13,5	.20	5,1	1.06	26,9
.095	2,4	.290	7,4	M6006	RSSCG 1/2	cULus	.875	22,2	1.81	46,0	.53	13,5	.20	5,1	1.25	31,8
.170	4,3	.450	11,4	M6007	SSCG 1/2	cULus	1.109	28,2	1.93	49,0	.55	14,0	.20	5,1	1.31	33,3
.180	4,6	.400	10,1	M6008	RSSCG LL 1/2	cULus	1.375	34,9	2.29	58,1	.69	17,5	.20	5,1	1.75	44,5
.260	6,6	.545	13,8	M6009	SSCG LL 1/2	cULus	1.734	44,0	2.31	65,0	.71	18,0	.25	6,4	2.25	57,2
.250	6,4	.490	12,4	M6010	RSSCG 3/4	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
.435	11,0	.705	17,9	M6011	SSCG 3/4	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
.490	12,4	.785	19,9	M6012	RSSCG 1	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
.590	15,0	1.000	25,4	M6013	SSCG 1	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
Discrete Finger & Gland																
.787	20,0	1.02	26,0	M6015	RSSCG 1-1/4	cULus	1.734	44,0	2.31	65,0	.71	18,0	.25	6,4	2.25	57,2
.865	22,0	1.26	32,0	M6016	SSCG 1-1/4	cULus	1.984	50,4	2.69	67,1	.73	18,5	.25	6,4	2.50	63,5
1.00	25,4	1.24	31,5	M6017	RSSCG 1-1/2	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
1.23	31,2	1.56	39,6	M6018	SSCG 1-1/2	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
1.16	29,5	1.35	34,3	M6019	RSSCG 2	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9
1.45	36,8	1.73	44,0	M6020	SSCG 2	cULus	2.469	62,7	2.92	74,2	.76	19,3	.25	6,4	2.75	69,9

The HEYCo-molded Finger, Gland & Seat



Quick Specs

Material	303 Stainless Steel Body and sealing nut with nylon 6/6 and TPE co-molded finger/gland assembly SBR Sealing Washer
Certifications	cULus Listed under Underwriters' Laboratories File E51579 cULus Recognized under Underwriters' Laboratories File E51579
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 221°F (105°C)
IP Rating	IP68 (70 PSI, 5 BAR)



HEYClean® Brass Pressure Equalization and Drain Plugs

For Pressure Equalization and Drainage Applications

THREAD Type/Size	PART NO.	DESCRIPTION	PART DIMENSIONS								PROTECTION CLASS
			A Clearance Hole		B Overall Length		C Thread Length		D Wrenching Flats		
			in.	mm.	in.	mm.	in.	mm.	in.	mm.	

Liquid Tight Pressure Equalization Plugs - Ultimate in Liquid Tight Pressure Equalization

M12 x 1.5	4350	BRASS LTPEP M12	.47	12,0	.69	17,5	.31	8,0	.71	18,0	IP 66,67,68
M16 x 1.5	4351	BRASS LTPEP M16	.63	16,0	.71	18,0	.31	8,0	.87	22,0	
M20 x 1.5	4352	BRASS LTPEP M20	.79	20,0	.71	18,0	.31	8,0	.87	22,0	

Liquid Resistant Pressure Equalization Plugs - Maximize Airflow for Extreme Pressure and Moisture Fluctuations

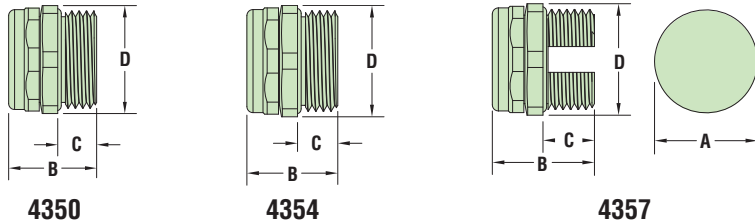
M12 x 1.5	4354	BRASS LRPEP M12	.47	12,0	.69	17,5	.31	8,0	.71	18,0	IP 55, x9K
M16 x 1.5	4355	BRASS LRPEP M16	.63	16,0	.71	18,0	.31	8,0	.87	22,0	
M20 x 1.5	4356	BRASS LRPEP M20	.79	20,0	.71	18,0	.31	8,0	.87	22,0	

Threaded Drain Plug - For Applications Where Condensation Is Expected*

M12 x 1.5	4357	BRASS TDP M12	.47	12,0	.77	19,5	.39	10,0	.71	18,0	IP 4x
M16 x 1.5	4358	BRASS TDP M16	.63	16,0	.79	20,0	.39	10,0	.87	22,0	
M20 x 1.5	4359	BRASS TDP M20	.79	20,0	.79	20,0	.39	10,0	.87	22,0	

Stainless Steel available. Consult Heyco.

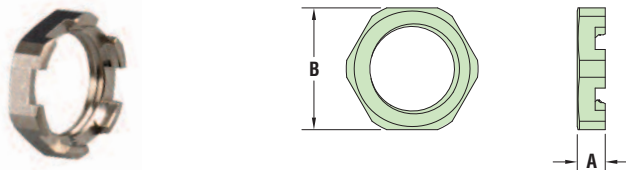
*Heyco Drainage Plug Brass Locknuts sold separately



HEYClean® Drain Plug Brass Locknuts

For Use with HEYClean™ Threaded Drain Plugs

THREAD Type/Size	PART NO.	DESCRIPTION	PART DIMENSIONS			
			A Thickness		B Wrenching Flats	
			in.	mm.	in.	mm.
M12 x 1.5	4360	BRASS DPLN M12	.18	4,5	.59	15,0
M16 x 1.5	4361	BRASS DPLN M16	.22	5,5	.75	19,0
M20 x 1.5	4362	BRASS DPLN M20	.22	5,5	.94	24,0



Material	Nickel-Plated Brass
Temperature Range	-40°F (-40°C) to 230°F (110°C)
IP Rating	Membrane - IP66/IP68/IP69 Filter Disc - IP55/ IPX9K Drainage Element - IP4X

Pressure Equalization Plugs

- Allow the passage of air for ventilation and heat dissipation, yet prevent moisture intrusion.
- Filter membrane prevents moisture and particulate contamination in electronic enclosures.
- Pressure compensating seal prevents buildup of pressure inside of electronic enclosures due to environmental temperature cycling.
- Quick and easy installation into Clearance or Threaded Holes. For Metric Brass Locknuts, see page 3-13.
- **Nickel-plated finish over brass provides excellent corrosion resistance and durability.**

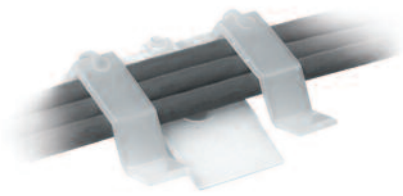
- Head Thickness: .37" (9,5 mm) to .39" (10 mm).
- Hex shaped body for wrench installation.
- Filter element:
Liquid Tight Membrane: Polyethersulfone (PES)
Sintered Disc: Bronze
- DFARS Compliant

Drain Plugs

- Drainage Plugs are ideal for applications where condensation is expected.
- Stainless steel mesh allows water to drain quickly, but protects enclosure from bugs and dust.
- Drainage Plugs feature a “cutout” section to allow water to completely drain from enclosure, and should be installed at enclosure’s lowest point.
- Head Thickness: .37" (9,5 mm) to .39" (10 mm).
- Hex shaped body for wrench installation.
- DFARS Compliant

Drain Plug Locknuts

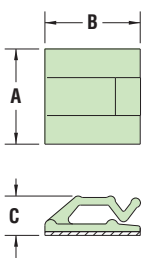
- Quick and easy installation into Clearance Holes only.
- Locknuts feature special “cutout” to allow water to completely drain from enclosure, when used with HEYClean™ Threaded Drain Plugs.
- DFARS Compliant



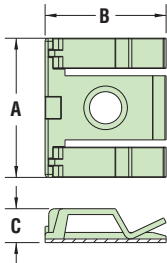
HEYClip™ Tension Wire Clips - Nylon

Adhesive-Back Mount

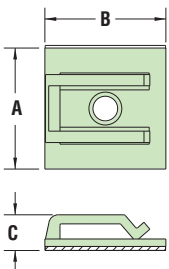
- Gather and direct cables singly or in groups smaller than those accommodated by other Heyco Wire Holders.
- Part No. 3639 (WCA-5) may also be screw mounted. #8 screws not included.
- Apply to a clean, dry surface.



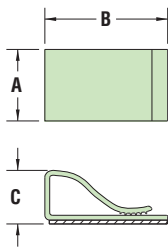
Style 1



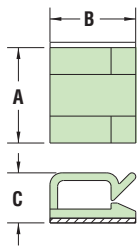
Style 2



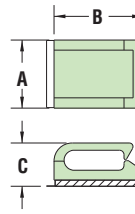
Style 3



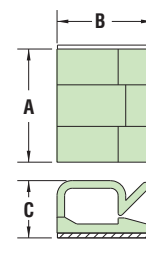
Style 4



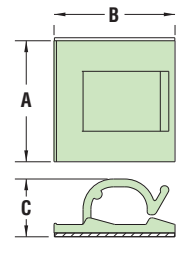
Style 5



Style 6



Style 7



Style 8

WIRE CAPACITY				PART NO.	DESCRIPTION	RELEASE TAB?	PART DIMENSIONS						STYLE
Length		Width					Natural *	A		B		C	
in.	mm.	in.	mm.			in.		mm.	in.	mm.	in.	mm.	
.13	3,2	.25	6,4	3638	WC A-4	no	.63	15,9	.63	15,9	.25	6,4	1
.13	3,2	.50	12,7	3639	WC A-5 **	no	1.13	25,4	1.00	25,4	.28	7,1	2
.12	3,0	.62	15,8	3649	TCN3-801 **	yes	1.00	25,4	1.00	25,4	.29	7,4	3
.25	6,4	.88	22,4	12950	TCN4-804 Gray	yes	.59	15,0	1.02	25,8	.41	10,3	4
				12951	TCN4-805	yes							
.24	6,0	.19	4,7	12953	TCN5-2419	yes	.63	16,0	.45	11,4	.32	8,1	5
.31	8,0	.19	4,7	12954	TCN5-3119	yes	.63	16,0	.53	13,4	.32	8,1	
.32	8,2	.20	5,2	12955	TCN5-3220	yes	.63	16,0	.15	14,4	.34	8,7	
.35	9,0	.19	4,8	12956	TCN5-3519	yes	.63	16,0	.57	14,4	.33	8,3	
.35	9,0	.20	5,2	12957	TCN5-3520	yes	.55	14,0	.51	13,0	.34	8,7	
.40	10,2	.26	6,7	12959	TCN5-4026	yes	.63	16,0	.67	16,9	.40	10,2	
.17	4,3	.10	2,5	12961	TCN6-1710	yes	.39	10,0	.37	9,5	.23	5,9	6
.25	6,3	.10	2,5	12962	TCN6-2510	yes	.47	12,0	.37	9,5	.25	6,3	
.33	8,4	.10	2,5	12963	TCN6-3310	yes	.49	12,5	.37	9,5	.24	6,0	
.32	8,2	.10	2,5	12964	TCN6-3210	yes	.50	12,7	.50	12,7	.25	6,3	
.41	10,3	.10	2,5	12965	TCN6-4110	yes	.57	14,5	.37	9,5	.25	6,4	
.46	11,6	.12	3,1	12966	TCN6-4612	yes	.66	16,7	.51	13,0	.26	6,6	
.31	7,9	.24	6,0	12968	TCN7-3124	yes	.59	14,9	.75	19,0	.37	9,5	7
.35	9,0	.24	6,0	12969	TCN7-3524	yes	.63	16,0	.75	19,0	.37	9,5	
.46	11,8	.31	7,9	12971	TCN7-4631	yes	.75	19,0	.75	19,0	.46	11,8	
.54	13,7	.33	8,3	12972	TCN7-5433	yes	.82	20,9	.75	19,0	.48	12,1	
.22	5,5	.24	6,1	3636	WC A-44	no	.63	15,9	.63	15,9	.38	9,5	8
.35	8,9	.36	9,1	3637	WC A-46	yes	.75	19,1	.75	19,1	.50	12,7	
.46	11,7	.31	7,9	12974	TCN8-4631	yes	1.00	25,4	.61	15,6	.48	12,2	
.46	11,8	.31	7,9	12975	TCN8-4631-1	yes	1.00	25,4	1.00	25,4	.48	12,1	

* Standard color natural except Part No. 12950 color is Gray.

** Part Nos. 3639 and 3649 may also be #8 (M4) screw mounted.

Quick Specs

Material	Nylon 6/6
Flammability Rating	94V-2
Temperature Range	-40° F (-40° C) to 185° F (85° C)
Temperature Range	Adhesive-Back: 1/16" (1,6 mm)
Temperature Range	32° F (0° C) to 185° F (85° C)



- 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.
- Available in a heat-stabilized material –Consult Heyco for more information.
- Compliant with MS3367 and MIL-S-23190E

Heyco® Nytye® Nylon Cable Ties

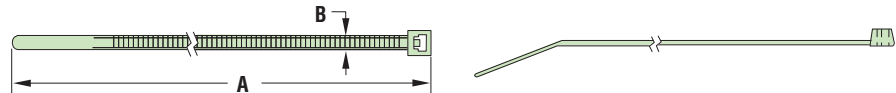
PART SPECIFICATIONS				PART NO.		DESCRIPTION	PART DIMENSIONS			
Max. Tensile Strength		Max. Bundle Diameter		Natural	UV Black		A Length		B Width	
Lbs.	N	in.	mm.			in.	mm.	in.	mm.	
Miniature										
18	80	.63	16,0	13100	13100B	NT-18-031	3.15	80	.10	2,5
		.87	22,0	13102	13102B	NT-18-039	3.94	100		
		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. Consult Heyco for colors and Extra Heavy Duty Nytyes.

Heyco® Cable Tie Tensioning Tool



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



Quick Specs

Material	Nylon 6/6
Certifications	Certified by UL for Compliance with both Canadian and U.S. requirements under File E54523
Flammability Rating	94V-2
Temperature Range	-40°F (-40°C) to 185°F (85°C)



Heyco® Continuous Grommet Rolls Polyethylene 100' (30.5 M) Roll

- Grommet Strips protect against damage from sharp panel edges.
- Ideal for tight radii or irregular panel holes and cut-outs.



Unserrated



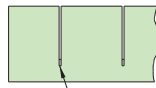
Serrated

FIT PANEL THICKNESS RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum		Maximum		Natural	Black		A		B		C	
in.	mm.	in.	mm.					Overall Height		Bottom Thickness		Bottom Width
						in.	mm.	in.	mm.	in.	mm.	
Unserrated												
.037	0,9	.071	1,8	12391	12391B	PGS-071-100'	.172	4,4	.031	0,8	.109	2,8
.072	1,8	.105	2,7	12392	12392B	PGS-105-100'						
.106	2,7	.164	4,2	12393	12393B	PGS-164-100'	.188	4,8	.047	1,2	.156	4,0
Unserrated, with Adhesive												
.037	0,9	.071	1,8	12395	12395B	PGSG-071-1-100'	.160	4,1	.025	0,6	.060	1,5
				12396	12396B	PGSG-071-2-100'	.172	4,4	.031	0,8	.109	2,8
.072	1,8	.105	2,7	12397	12397B	PGSG-105-100'	.172	4,4	.031	0,8	.109	2,8
.106	2,7	.164	4,2	12398	12398B	PGSG-164-100'	.188	4,8	.047	1,2	.156	4,0
Serrated												
.026	0,7	.036	0,9	12399	12399B	SPGS-036-100'	.125	3,2	.031	0,8	.031	0,8
.037	0,9	.071	1,8	12400	12400B	SPGS-071-100'	.172	4,4	.031	0,8	.109	2,8
.072	1,8	.105	2,7	12401	12401B	SPGS-105-100'						
.106	2,7	.164	4,2	12402	12402B	SPGS-164-100'	.188	4,8	.047	1,2	.156	4,0
Serrated, with Adhesive												
.037	0,9	.071	1,8	12405	12405B	SPGSG-071-1-100'	.160	4,1	.025	0,6	.060	1,5
				12406	12406B	SPGSG-071-2-100'	.172	4,4	.031	0,8	.109	2,8
.072	1,8	.105	2,7	12407	12407B	SPGSG-105-1-100'	.172	4,4	.031	0,8	.109	2,8

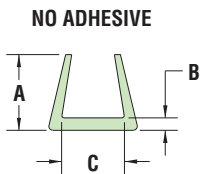
Nylon 100' (30.5 M) Roll



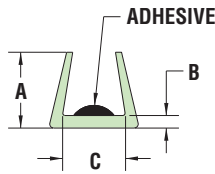
UNSERRATED



SERRATED



NO ADHESIVE



ADHESIVE

FIT PANEL THICKNESS RANGE				PART NO.		DESCRIPTION	PART DIMENSIONS					
Minimum		Maximum		Natural	Black		A		B		C	
in.	mm.	in.	mm.					Overall Height		Bottom Thickness		Bottom Width
						in.	mm.	in.	mm.	in.	mm.	
Unserrated												
.026	0,7	.036	0,9	12411	12411B	NGS-036-100'	.13	3,2	.03	0,8	.03	0,8
.037	0,9	.071	1,8	12412	12412B	NGS-071-100'	.17	4,4	.03	0,8	.11	2,8
Unserrated, with Adhesive												
.037	0,9	.071	1,8	12416	12416B	NGSG-071-100'	.17	4,4	.03	0,8	.11	2,8
.072	1,8	.105	2,7	12417	12417B	NGSG-105-100'						
.106	2,7	.164	4,2	12418	12418B	NGSG-164-100'	.19	4,8	.05	1,2	.16	4,0
Serrated												
.026	0,7	.036	0,9	12419	12419B	SNGS-036-100'	.13	3,2	.03	0,8	.01	0,8
.037	0,9	.071	1,8	12420	12420B	SNGS-071-100'	.17	4,4	.03	0,8	.11	2,8
.072	1,8	.105	2,7	12421	12421B	SNGS-105-100'						
.106	2,7	.164	4,2	12422	12422B	SNGS-164-100'	.19	4,8	.05	1,2	.16	4,0
Serrated, with Adhesive												
.037	0,9	.071	1,8	12426	12426B	SNGSG-071-100'	.17	4,4	.03	0,8	.11	2,8
.072	1,8	.105	2,7	12427	12427B	SNGSG-105-100'						

Standard color natural. Black available by special order only.

Quick Specs

Material	Polyethylene or Nylon
Flammability Rating	94HB
Temperature Range	-40°F (-40°C) to 149°F (65°C) (Polyethylene) -40°F (-40°C) to 185°F (85°C) (Nylon)



Heyco® Grommet Channel

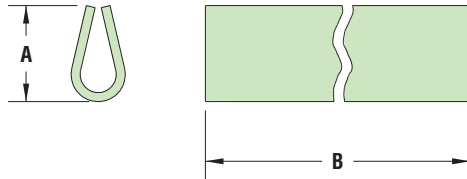
TPE "DS" Channel - Unserrated, MDS* Filled



FIT PANEL THICKNESS RANGE				PART NO.	DESCRIPTION	PART DIMENSIONS					
Minimum		Maximum				A Overall Height	B Length				
in.	mm.	in.	mm.				in.	mm.	M.		
48" (122 cm) Strip											
.031	0,8	.062	1,6	12430	DS-062-48"	.30	7,6				
.020	0,5	.125	3,2	12431	DS-125-48"	.38	9,5				
.031	0,8	.188	4,8	12432	DS-188-48"	.50	12,7	48			1.22
.045	1,1	.250	6,4	12433	DS-250-48"	.63	15,9				
100' (30.5 M) Roll											
.031	0,8	.062	1,6	12430R	DS-062-1200"	.30	7,6			1200	30.5
.020	0,5	.125	3,2	12431R	DS-125-1200"	.38	9,5				

Standard color gray.

*Cyanoacrylate adhesive, also known as "super glue", features rapid setup time.



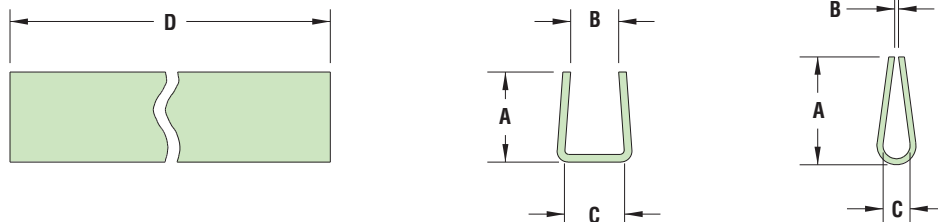
- This flexible Grommet Channel is ideal for protecting panel edges from being damaged.
- For use as wear strips, non-abrasive edging, noise-reducing conveyor strips, framing, or to protect from sharp edges.
- Good durability; MDS glue filling adheres to rubber, most plastics, wood and metal.
- Features built-in lubricant for reduced friction and longer part life.



Polystyrene Channel - 4' (122 cm) Lengths

FIT PANEL THICKNESS	PART NO.	DESCRIPTION	PART DIMENSIONS								STYLE	
			A Overall Height		B Top Width		C Bottom Width		D Length			
in.	mm.	White	in.	mm.	in.	mm.	in.	mm.	in.	cm.		
.050	1,3	12443	PCH-015X050-48"	.44	11,1	.02	0,4	.05	1,3			1
.141	3,6	12444	PCH-020X141-48"	.56	14,3	.02	0,5	.14	3,6	48	122	2
.250	6,4	12445	PCH-200X250-48"	.38	9,5	.20	5,1	.25	6,4			1

Standard color white.



- Binds and frames sharp edges.
- May be cut to desired lengths.
- Available by special order only, consult Heyco.

Material	PA66/6 MDS Filled Nylon or High Impact Polystyrene
Flammability Rating	94HB
Temperature Range	-40°F (-40°C) to 149°F (65°C) (DS Series) -4°F (-20°C) to 122°F (50°C) (PCH Series)

Quick Specs