

“Stay Connected” with



Liquid Tight Cordgrips

a PennEngineering® Company

## Heyco® -Tite Liquid Tight Cordgrips in Halogen Free V-0 Nylon

Straight-Thru, NPT Hubs with Integral Sealing Ring

The Ultimate in Liquid Tight Strain Relief Protection

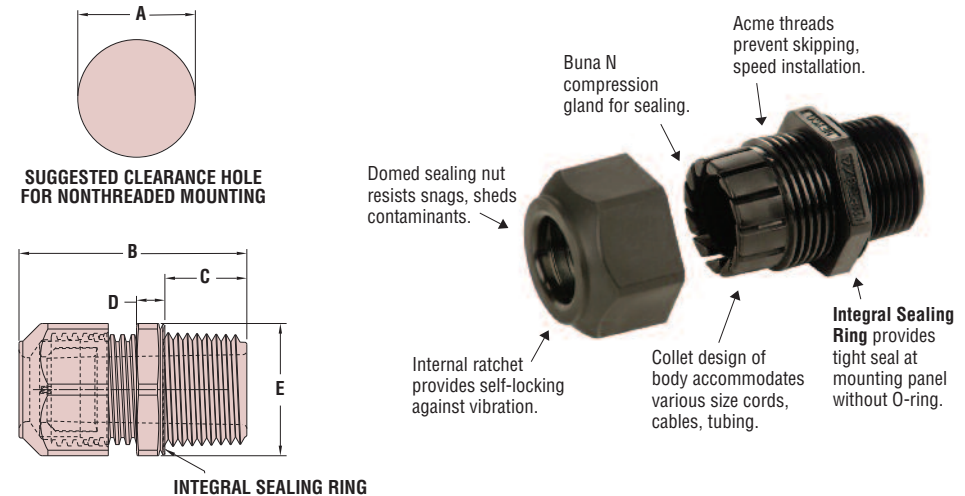
**NO O-RING  
REQUIRED!**



- **Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases.** Also formulated for sunlight resistance.
- Integral Sealing ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters. Cable ranges listed are for the maximum IP68 sealing range. Contact Heyco for UL approved 514B cable ranges.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- Locknuts not included. For Nylon Locknut specifications, or to order nylon locknuts separately, see page 3-47.
- For Heyco Liquid Tight Threaded Plugs, see page 3-51.
- Consult Heyco for cordgrips molded in other colors.

CABLE DIA. RANGE				PART NO.	DESCRIPTION	UL or RA	PART DIMENSIONS									
Minimum	Maximum		Black				A	B		C		D		E		
in.	mm.	in.	mm.		Clearance Hole Dia.	Max. O.A. Length	Thread Length		Wrenching Nut Thickness		Flat Size					
					in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.		
.065	1,7	.210	5,3	<b>V4514</b>	RLTCG 1/4	RA	.540	13,7	1.29	32,8	.45	11,4	.21	5,3	.63	16,0
.115	2,9	.250	6,4	<b>V4516</b>	LTCG 1/4											
.065	1,7	.230	5,8	<b>V3458</b>	RLTCG 3/8	RA	.680	17,3	1.41	35,8	.49	12,4	.21	5,3	.83	21,1
.105	2,7	.315	8,0	<b>V3228</b>	LTCG 3/8											
.095	2,4	.290	7,4	<b>V4518</b>	RLTCG 1/2	UL	.875	22,2	1.70	43,2	.61	15,5	.21	5,3	.98	24,9
.170	4,3	.450	11,4	<b>V3231</b>	LTCG 1/2											
.180	4,6	.400	10,1	<b>V4520</b>	RLTCG LL 1/2	UL	.875	22,2	1.68	42,7	.44	11,2	.25	6,4	1.07	27,0
.270	6,9	.545	13,8	<b>V3200</b>	LTCG LL 1/2											
.250	6,4	.490	12,4	<b>V3460</b>	RLTCG 3/4	UL	1.109	28,2	2.00	50,8	.62	15,7	.25	6,4	1.30	33,0
.435	11,0	.705	17,9	<b>V3234</b>	LTCG 3/4											
.490	12,4	.785	19,9	<b>V8439</b>	RLTCG 1	UL	1.326	33,7	2.41	61,2	.75	19,1	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	<b>V8437</b>	LTCG 1											
.787	20,0	1.020	25,9	<b>V4522</b>	RLTCG 1-1/4	UL	1.680	42,7	2.69	68,3	.77	19,6	.31	7,9	2.05	52,1
.940	23,9	1.260	32,0	<b>V4524</b>	LTCG 1-1/4											

Standard color black.



Quick Specs

Material	Nylon 6/6 Non-halogenated w/Buna N Sealing Gland
Certifications	<ul style="list-style-type: none"> <li>UL Listed under Underwriters' Laboratories File E51579</li> <li>RA Recognized under the Component Program of Underwriters' Laboratories File E51579</li> <li>SF Certified by Canadian Standard Association File 93876C</li> </ul>
Flammability Rating	94V-0
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)

“Stay Connected” with



Liquid Tight Cordgrips

a PennEngineering® Company

# Heyco® -Tite Liquid Tight Cordgrips in Halogen Free V-0 Nylon

Straight-Thru, PG & Metric Hubs with Integral Sealing Ring

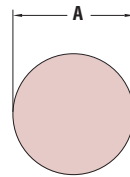
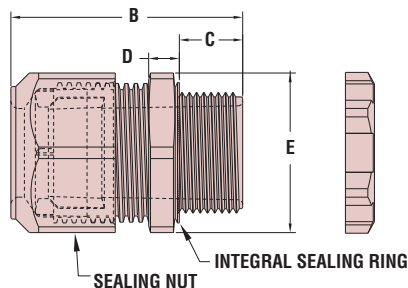
The Ultimate in Liquid Tight Strain Relief Protection

**NO O-RING  
REQUIRED!**



CABLE DIA. RANGE				PART NO.	DESCRIPTION	UL or RA	PART DIMENSIONS									
Minimum in.	Maximum in.	Minimum mm.	Maximum mm.				Black	A Clearance Hole Dia. in. mm.	B Max. O.A. Length in. mm.	C Thread Length in. mm.	D Wrenching Nut Thickness in. mm.		E Flat Size in. mm.			
<b>PG Hubs</b>																
.065	1,7	.210	5,3	<b>V3444</b>	RLTCG 7	RA	.492	12,5	1.16	29,5	.32	8,1	.21	5,3	.63	16,0
.115	2,9	.250	6,4	<b>V3207</b>	LTCG 7											
.065	1,7	.230	5,8	<b>V3446</b>	RLTCG 9	RA	.599	15,2	1.25	31,8	.32	8,1	.21	5,3	.83	21,0
.105	2,7	.315	8,0	<b>V3210</b>	LTCG 9											
.069	1,8	.260	6,6	<b>V3448</b>	RLTCG 11	RA	.733	18,6	1.48	37,6	.38	9,7	.21	5,3	.94	23,9
.230	5,8	.400	10,2	<b>V3213</b>	LTCG 11											
.095	2,4	.290	7,4	<b>V4500</b>	RLTCG 13.5	UL	.804	20,4	1.53	38,9	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	<b>V3216</b>	LTCG 13.5											
.180	4,6	.400	10,2	<b>V4502</b>	RLTCG 16	UL	.886	22,5	1.68	42,7	.44	11,2	.25	6,4	1.07	27,0
.270	6,9	.545	13,8	<b>V3219</b>	LTCG 16											
.250	6,4	.490	12,4	<b>V3454</b>	RLTCG 21	UL	1.115	28,3	1.89	48,0	.52	13,2	.25	6,4	1.30	33,0
.435	11,1	.705	17,9	<b>V3222</b>	LTCG 21											
.490	12,4	.785	19,9	<b>V4504</b>	RLTCG 29	UL	1.470	37,3	2.23	56,6	.58	14,7	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	<b>V3225</b>	LTCG 29											
<b>Metric Hubs</b>																
.065	1,7	.230	5,8	<b>V4334</b>	RLTCG M16	RA	.630	16,0	1.25	31,8	.32	8,1	.21	5,3	.83	21,1
.105	2,7	.315	8,0	<b>V4336</b>	LTCG M16											
.095	2,4	.290	7,4	<b>V4338</b>	RLTCG M20	UL	.787	20,0	1.49	37,8	.41	10,4	.21	5,3	.98	24,9
.170	4,3	.450	11,4	<b>V4340</b>	LTCG M20											
.250	6,4	.490	12,4	<b>V4342</b>	RLTCG M25	UL	.985	25,0	1.89	48,0	.51	13,0	.26	6,6	1.30	33,0
.435	11,1	.705	17,9	<b>V4344</b>	LTCG M25											
.490	12,4	.785	19,9	<b>V4346</b>	RLTCG M32	UL	1.260	32,0	2.23	56,6	.57	14,5	.30	7,6	1.73	43,9
.590	15,0	1.000	25,4	<b>V4348</b>	LTCG M32											

Standard color black.



SUGGESTED CLEARANCE HOLE FOR NONTHREADED MOUNTING

- Molded from a nylon material which, in the event of a fire, will not burn and will not produce toxic gases. Also formulated for sunlight resistance.
- Integral Sealing ring ensures a superior seal at the clearance or threaded mounting hole location, every time.
- Widest range of approved cable diameters. Cable ranges listed are for the maximum IP68 sealing range. Contact Heyco for UL approved 514B cable ranges.
- IP 68 rated.
- Approved for **NEMA 4, 4X, 6 and 6P** applications.
- Ratchet design of sealing nut assembly provides superior anti-vibration protection and ensures a firm grip on the cable.
- Acme threads on body prevent skipping and speed installation.
- All nylon construction with Buna N sealing gland resists salt water, weak acids, gasoline, alcohol, oil, grease, and common solvents. (This feature is not assessed by UL).
- We recommend using the cordgrip with the smallest maximum diameter that will fit your application.
- **Unassembled Nylon Locknuts INCLUDED**
- For Nylon Locknut specifications, or to order nylon locknuts separately, see page 3-47.
- For Heyco Liquid Tight Threaded Plugs, see page 3-51.
- Consult Heyco for cordgrips molded in other colors.

Material Certifications

- UL Nylon 6/6 Non-halogenated w/Buna N Sealing Gland Listed under Underwriters' Laboratories File E51579
- RA Recognized under the Component Program of Underwriters' Laboratories File E51579
- SP Certified by Canadian Standard Association File 93876C
- CEC Marks License #40010390 (Metric parts only)
- CE Per EC Low Voltage Directive 73/23/EEC (Metric parts only)

Flammability Rating Temperature Range

94V-0  
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