

“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

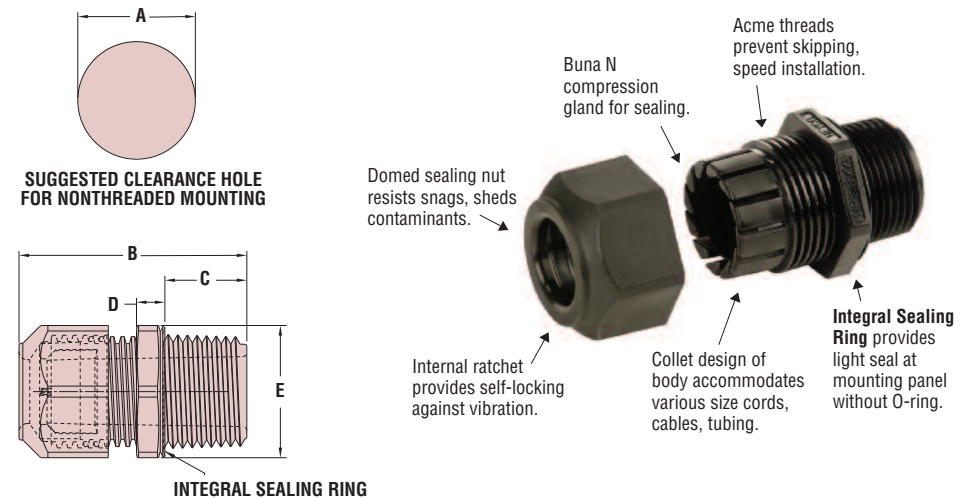
**NO O-RING  
REQUIRED!**



- **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 Clearance Hole Dia.	B Max. O.A. Length		C Thread Length		D Wrenching Nut Thickness		E Flat Size	
in.	mm.	in.	mm.	Black	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	1.040	26,4	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  
Certifications

Nylon 6/6 Non-halogenated w/Buna N Sealing Gland  
 UL Listed under Underwriters' Laboratories File E51579  
 RA Recognized under the Component Program of Underwriters' Laboratories File E51579  
 SR Certified by Canadian Standard Association File 93876C

Flammability Rating  
Temperature Range

Approved for NEMA 4, 4X, 6 and 6P Applications  
 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)

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

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

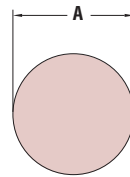
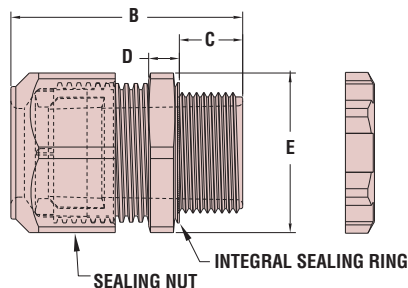
The Ultimate in Liquid Tight Strain Relief Protection

**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

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- 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.
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Material  
Certifications

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- 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

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