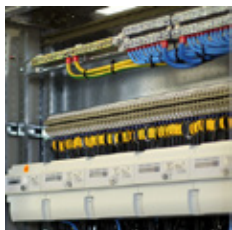




# **GIANTLOK**<sup>®</sup>



[www.giantlok.com](http://www.giantlok.com)

**CABLE TIES**



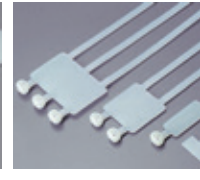
Cable Ties    Tefzel® Cable Ties    Heat Resistant Ties    UV Proof Cable Ties    Round Head Ties    Releasable Ties



Lashing Ties



Extra Heavy Duty Ties



Marker Ties



Push Mount Ties



Double Loop Ties



Mountable Head Ties



Button Head Ties



Outside Serrated Ties



Bead Ties



Stop Ties



PE Ties



Air Conditioner Tube Ties



Polyamide 11/12 Ties



Hook & Loop Cable Ties

**STAINLESS STEEL TIES**



Ball Lock Type Stainless Steel Ties



Releasable Stainless Steel Ties



Wing Seal Stainless Steel Ties



Teeth Stainless Steel Ties



Hex-Screw Stainless Steel Ties



Stainless Steel Strapping



Stainless Steel Buckle

**TOOLS**



Cable Tie Tools

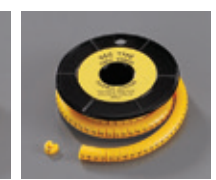


Banding Tools

**CABLE MARKERS**



Flat Cable Markers



ECM-Type Cable Markers



OM-Type Cable Markers

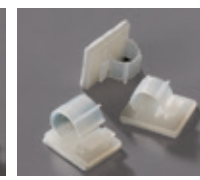
**FASTENERS**



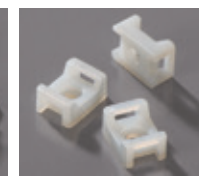
Self Adhesive Cable Tie Mounts



Self Adhesive Wire Saddles



Self Adhesive Wire Clamps



Saddle Tie Mounts



Knock-In Low Profile Mounts



Screw Applied Low Profile Mounts



Cable Clamps



Self Adhesive Twist Locks



Twist Locks



Twist Lock with Standoff



Wire Push In Clips



Wire Saddles



Cable Clip



Contract Finish Cable Clips



Flat Cable Clips



Dual Nails Flat Cable Clips



Dual Nails Cable Clips



Cooler Pipe Clips



Wall Plugs



Dual Locking PCB Supports



Dual Locking PCB Supports



Rest Mount PCB Supports



PCB Supports



Reserve Locking PCB Supports



Reserve Locking PCB Supports



Self Adhesive PCB Supports



Bolt Head PCB Supports



Mini Card Spacer Supports



Circuit Board Bolts



Plastic Rivets



Cord Grips



Cord Grips



Pan Head Phillips Slotted Screws



Flat Head Phillips Slotted Screws



Hex Head Screws



Hex Nuts



Mounting Bases



COMBO PACKS



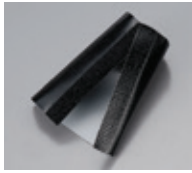
Combo Packs



WIRING DUCTS



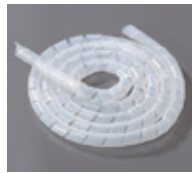
Button Tubes



Hook & Loop Tubes



Slotted/ Solid Wall Wiring Ducts



Wrapping Bands



BUSHINGS



Strain Relief Bushings



Open Bushings



Washing Machine Cord Bushings



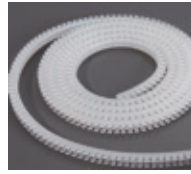
Cable Clamps



Hole Plugs



Bushings



Extruded Grommeting



CONDUIT AND FITTINGS



PA Flexible Conduits



PE Flexible Conduits



PP Flexible Conduits



Five-Piece Conduit Adaptors



Angle Type Conduit Adaptors



Quick-Fixed Conduit Adaptors



Conduit Mounting Brackets



Cable Glands

## TOOLS



Multi-Cutter



Wiring Duct Cutter

## WIRE CONNECTORS



W Series Winged Wire Connectors



Winged Grounding Wire Connectors



E Series Wire Connectors



E Series High Temperature Wire Connectors



C Series Close-End Crimp Connectors

## CORD END TERMINALS



Un-Insulated Cord-End Terminals



Cord-End Terminals



Twin Cord-End Terminals

## TERMINALS



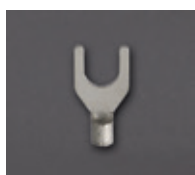
Non-Insulated Ring Terminals



Non-Insulated Ring Terminals (Din Standard)



Vinyl-Insulated Ring Terminals



Non-Insulated Spade Terminals



Vinyl-Insulated Spade Terminals



Non-Insulated Blade Terminals



Non-Insulated Blade Terminals



Non-Insulated Pin Terminals



Vinyl-Insulated Pin Terminals



Vinyl-Insulated Female Disconnectors



Vinyl-Insulated Male Disconnectors



Vinyl-Fully Insulated Female Disconnectors



Vinyl-Insulated Piggyback Disconnectors



Insulated Male Bullet Connectors



Vinyl-Insulated Pin Terminals



Butt Splices



Quick Splices



Copper/Cable Lugs

## TOOLS



Tools for Cord-End Terminals



Tools for Terminals



Tools for Close End Crimp Connectors





## ABOUT GIANTLOK

Giantlok - the global leading provider of wiring management solutions with 5 subsidiaries in Taiwan, China, Thailand, Korea, India, and customers throughout Asian countries.

### Our capabilities of supply roots in solid foundation:

- 38 years' experiences in wiring accessories
- 3 major manufacturing sites in Thailand and China with total of more than 100,000 m<sup>2</sup> area
- 150+ injection molding machines
- Operating 24/7 (full running capacity 1500+ tons/month)
- All molds & tooling manufactured in-house

### History in Wiring Accessories Industries

1976	Chiao Fu and Hua Wei founded in Taichung, Taiwan
1995	Shanghai plant and sales office ISO 9001 acquired
2004	Dongguan plant in Guangdong, China
2008	Thailand plant and sales office. India office in New Delhi, India ISO 14001 & TS16949 acquired
2011	Korea office in Incheon, South Korea.

### Superior solutions, fast delivery and one-stop shopping

Giantlok's strong and diverse product offerings present comprehensive solutions in multiple industries. Our well-structured distribution channels enable a swift and convenient purchasing experience for customers. Giantlok's products are recognized according to world standards, including UL, CE, CSA, GL and ABS accreditation and complying with EU RoHS and REACH environmental regulations.



























### Join Giantlok and be our local distributor.

TAIWAN HEAD OFFICE  
**GIANTLOK CO., LTD.**  
 NO.2 26TH RD., TAICHUNG INDUSTRIAL PARK,  
 TAICHUNG 40850, TAIWAN  
 EMAIL: [mktsupport@giantlok.com](mailto:mktsupport@giantlok.com)  
 TEL: +886-4-23599333



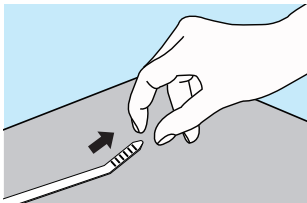
# INDEX **《BEST SELLING》**

-  CABLE TIES . . . . . 7
-  HEAT RESISTANT TIES . . . . . 8
-  WEATHER RESISTANT TIES . . . . . 8
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-  UN-INSULATED CORD-END TERMINALS . . . . . 18
-  E SERIES WIRE CONNECTORS . . . . . 19
-  W SERIES WINGED WIRE CONNECTORS . . . . . 19

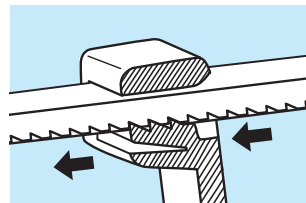


## CABLE TIES

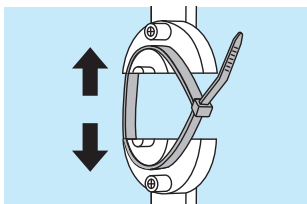
- > Material : Polyamide 6,6, UL94 V2
- > Color : Natural color, black



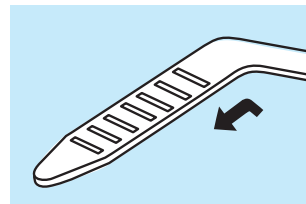
Curved tip is easy to pick from flat surface. It also helps accelerating initial threading thereby increasing the installation efficiency.



Locking mechanism requires minimal threading force during insertion thus reducing operator's fatigue.



The minimum tensile strength comply with industrial standards, with consistency and reliable quality.



The tip design is tapered and skid proof hence allowing faster threading.



Part No.	Length mm(inch)	Width mm(inch)	Max. Bundle mm(inch)	Loop Tensile Strength		Package (pcs/bag)
				N	Kg(lbs)	
GT-100M	100(3.94")	2.5(0.10")	ø22 (0.87)	80	8.1(18)	100, 1000
GT-140M	140(5.51")	2.5(0.10")	ø33 (1.30)	80	8.1(18)	100, 1000
GT-150I	150(5.91")	3.6(0.14")	ø35 (1.38)	178	18.2(40)	100, 1000
GT-200I	200(7.87")	3.6(0.14")	ø53 (2.09)	178	18.2(40)	100, 1000
GT-300I	300(11.81")	3.6(0.14")	ø76 (2.99)	178	18.2(40)	100, 1000
GT-200ST	200(7.87")	4.8(0.19")	ø50 (1.97)	222	22.6(50)	100, 1000
GT-250ST	250(9.84")	4.8(0.19")	ø60 (2.36)	222	22.6(50)	100, 1000
GT-300ST	300(11.81")	4.8(0.19")	ø76 (2.99)	222	22.6(50)	100, 1000
GT-370ST	370(14.57")	4.8(0.19")	ø102 (4.02)	222	22.6(50)	100
GT-300HD	300(11.81")	7.6(0.30")	ø76 (2.99)	537	54.4(120)	100
GT-370HD	370(14.57")	7.6(0.30")	ø102 (4.02)	537	54.4(120)	100
GT-530HD	526(20.71")	9.0(0.35")	ø140 (5.51)	778	79.4(175)	100

OTHER CABLE TIE SIZES			
Width	Width mm	Min. Length	Max. Length
M	2.4~2.8	80	300
I	3.6	120	370
ST	4.8	120	530
HD-S	7.6	150	750
HD	9.0	290	1530
EHD	12.6	230	1030

Cable Tie	Operation Temperature	
	Max.	Min.
GT(Standard)	85°C (185°F)	-40°C (-40°F)
HEAT RESISTANT	120°C (248°F)	-40°C (-40°F)
HIGH HEAT RESISTANT	150°C (302°F)	-40°C (-40°F)
WEATHER RESISTANT	85°C (185°F)	-40°C (-40°F)
COLD RESISTANT	85°C (185°F)	-40°C (-40°F)

\*We cater to wide range of assortment of length, width for your needs.



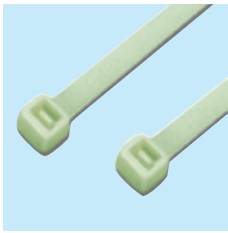
## HEAT RESISTANT TIES

Made of heat resistant polyamide 6,6 and applicable to extreme high temperature environment up to 120°C with flame rating at UL 94 V2. The ability to sustain superior performance and high tensile strength under high heat and thermo cycles. For exceptional heat resistance up to 150°C are available upon special order.



## WEATHER RESISTANT TIES

Highly resistant to material oxidization and deterioration while being weathered in outdoor environment, especially for exposing under direct or indirect sunlight. Giantlok weather resistant cable ties are certified for UL 94 V2 rating, with lab tested 1000 hours of UV exposure.



### Heat Resistant Ties

- > Material : Polyamide 6,6, UL94 V2
- > Color : Natural color



Part No.	Length mm(inch)	Width mm(inch)	Max. Bundle mm(inch)	Loop Tensile Strength		Package (pcs/bag)
				N	Kg(lbs)	
GT-80MH	80(3.15")	2.4(0.19")	ø15 (0.59)	80	8.1(18)	100, 1000
GT-100MH	100(3.94")	2.5(0.10")	ø22 (0.87)	80	8.1(18)	100, 1000
GT-120MH	120(4.72")	2.5(0.10")	ø30 (1.18)	80	8.1(18)	100, 1000
GT-140MH	140(5.51")	2.5(0.10")	ø33 (1.30)	80	8.1(18)	100, 1000
GT-150IH	150(5.91")	3.6(0.14")	ø35 (1.38)	178	18.2(40)	100, 1000

\*other sizes available



### Weather Resistant Ties

- > Material : Nylon 66 UV, UL94 V2
- > UV Protection : 1000hrs
- > Color : Black
- > For Outdoor Use



Part No.	Length mm(inch)	Width mm(inch)	Max. Bundle mm(inch)	Loop Tensile Strength		Package (pcs/bag)
				N	Kg(lbs)	
GT-200STUV	200(7.84")	4.8(0.19")	ø50 (1.97)	222	22.6(50)	100, 1000
GT-300STUV	300(11.81")	4.8(0.19")	ø76 (2.99)	222	22.6(50)	100, 1000
GT-250HUV	250(9.84")	7.6(0.30")	ø65 (2.56)	534	54.4(120)	100, 1000
GT-370HUV	370(14.57")	7.6(0.30")	ø102 (4.02)	534	54.4(120)	100, 1000
GT-450HUV	450(17.72")	9.0(0.35")	ø132 (5.20)	778	79.4(175)	100, 1000

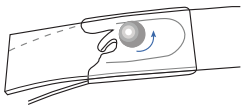
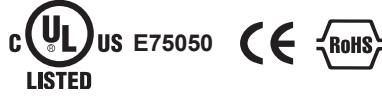
\*other sizes available



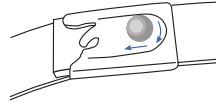


## BALL LOCK TYPE STAINLESS STEEL TIES

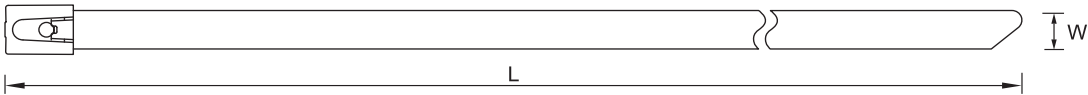
- > Material : Stainless steel type: #304 & #316.
- > Epoxy coating (available as option)



Insert the tail into the buckle. Before the tie is tightened, the internal locking ball still rolls freely.



Once the proper tension is reached, use crimping tool to cut off the tail. The ball then wedges into the buckle, locking it tightly against both the top and bottom of the band.



Part No.	Length(L)		Width		Max. Bundle mm(inch)	Loop Tensile Strength		Package (pcs/bag)
	mm	inch	mm	inch		N	Kg(lbs)	
MLG-130ST	129	5.08	4.45	0.18	ø33 (1.30)	445	45.3 (100)	100
MLG-200ST	200	7.87	4.45	0.18	ø50 (1.97)	445	45.3 (100)	100
MLG-300ST	300	11.81	4.45	0.18	ø76 (2.99)	445	45.3 (100)	100
MLG-370ST	370	14.57	4.45	0.18	ø102 (4.02)	445	45.3 (100)	100
MLG-520ST	520	20.47	4.45	0.18	ø156 (6.14)	445	45.3 (100)	100
MLG-680ST	680	26.77	4.45	0.18	ø207 (8.15)	445	45.3 (100)	100
MLG-840ST	840	33.07	4.45	0.18	ø257 (10.1)	445	45.3 (100)	100
MLG-200HD	200	7.87	7.96	0.31	ø50 (1.97)	1112	113.3 (250)	100
MLG-300HD	300	11.81	7.96	0.31	ø76 (2.99)	1112	113.3 (250)	100
MLG-370HD	370	14.57	7.96	0.31	ø102 (4.02)	1112	113.3 (250)	100
MLG-450HD	450	17.72	7.96	0.31	ø135 (5.31)	1112	113.3 (250)	100
MLG-500HD	500	19.69	7.96	0.31	ø150 (5.93)	1112	113.3 (250)	100
MLG-680HD	680	26.77	7.96	0.31	ø207 (8.15)	1112	113.3 (250)	50
MLG-840HD	840	33.07	7.96	0.31	ø257 (10.10)	1112	113.3 (250)	50



## BANDING TOOLS

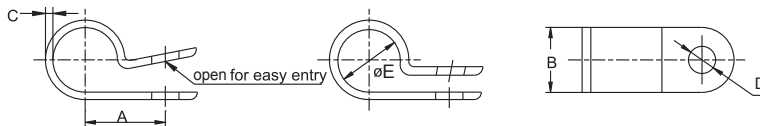
**GIT-705**

>For stainless steel tie: Thickness up to 0.3mm and Width up to 7.9mm



## CABLE CLAMPS

- > Material : Polyamide 6,6, UL94 V2
- > Color : Natural color

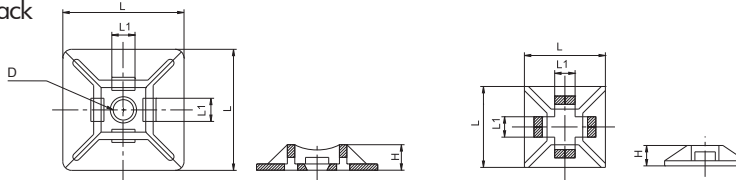


Part No.	E	A	B	C	Screw Dia D mm	Package (pcs/bag)
	mm(inch)	mm(inch)	mm(inch)	mm(inch)		
GCL-1/8S	ø3.3 (0.130)	8.2 (0.323)	9.1 (0.358)	1.27 (0.050)	ø5.45 for M5	100, 1000
GCL-3/16S	ø4.8 (0.189)	9.6 (0.378)	9.1 (0.358)	1.27 (0.050)	ø5.45 for M5	100, 1000
GCL-1/4S	ø6.6 (0.260)	10.3 (0.406)	9.1 (0.358)	1.27 (0.050)	ø5.45 for M5	100, 1000
GCL-5/16S	ø7.8 (0.307)	10.6 (0.417)	9.1 (0.358)	1.27 (0.050)	ø5.45 for M5	100, 1000
GCL-3/8S	ø9.7 (0.382)	11.9 (0.469)	9.2 (0.362)	1.27 (0.050)	ø5.45 for M5	100, 1000
GCL-1/8	ø2.9 (0.114)	9.1 (0.358)	12.7 (0.500)	1.5 (0.059)	ø5.4 for M5	100, 1000
GCL-1/4	ø5.9 (0.232)	11.4 (0.449)	12.7 (0.500)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-3/8	ø9.1 (0.358)	13.4 (0.528)	12.1 (0.476)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-1/2	ø12.2 (0.480)	15.0 (0.591)	12.7 (0.500)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-9/16	ø13.8 (0.543)	15.8 (0.622)	12.7 (0.500)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-3/4	ø18.6 (0.732)	19.8 (0.780)	12.7 (0.500)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-7/8	ø21.8 (0.858)	21.4 (0.843)	12.7 (0.500)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-1-1/8	ø27.9 (1.098)	24.6 (0.969)	12.7 (0.500)	1.5 (0.059)	ø5.3 for M5	100, 1000
GCL-5/16L	ø7.6 (0.299)	10.6 (0.417)	12.7 (0.500)	1.27 (0.050)	ø4.4 for M4	100, 1000



## SELF ADHESIVE CABLE TIE MOUNTS

- > Material : Polyamide 6,6, UL94 V2
- > Color : Natural or black



HW-3A HW-4A

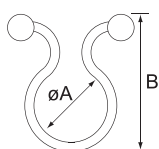
HW-2A

Part No.	L	H	L1	D	Apply to Cable Ties	Package (pcs/bag)
	mm	mm	mm	mm		
HW-2A	12.7	3.2	3.2	--	M ties	100, 1000
HW-3A	19	4.4	4	ø 3.5	M, "I" ties	100
HW-4A	27.8	5.7	5.3	ø 5.7	M, "I", "ST" ties	100



## TWIST LOCKS

- > Material: Nylon 66, UL94 V2
- > Color : Natural color

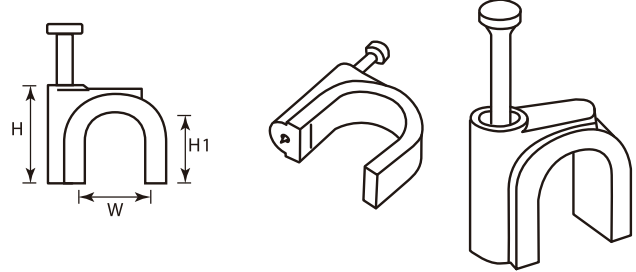


Part No.	A mm(inch)	B mm (inch)	Bundle Dia. mm (inch)
TH-D	11.2 (0.441)	28.4 (1.118)	~10.2 (0.402)
TH-E	5.2 (0.205)	21.0 (0.827)	~4.5 (0.177)
TH-F	8.3 (0.327)	25.2 (0.992)	~7.3 (0.287)
TH-G	11.5 (0.453)	30.9 (1.217)	~10.5 (0.413)
TH-H	15.0 (0.591)	35.1 (1.382)	~14.0 (0.551)
TH-I	18.0 (0.709)	40.0 (1.575)	~17.0 (0.669)
TH-J	19.5 (0.768)	42.5 (1.673)	~19.0 (0.748)
TH-K	22.5 (0.886)	45.5 (1.791)	~22.0 (0.866)
TH-L	5.2 (0.205)	22.0 (0.866)	~5.0 (0.197)



## CABLE CLIPS

- > Fixable, good elasticity, to bear collision and durable.
- > Inserted nail, nail stick to plastic seat, save time and cost down.
- > Material : PE, (Nail) medium carbon steel
- > Color : Grey, white, other colors are also available

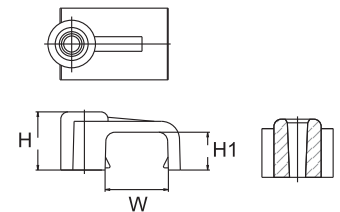


Part No.	W	H	H1	Cable Range	Nails (mm)	Package (pcs/bag)
	mm	mm	mm			
GC-0.35	3.5	5.9	3.7	1 pair of wires	ø2.0x15	100
GC-0.4	4	6.6	4.2	1 pair of wires	ø2.5x18	100
GC-0.5	5	7.6	5.3	3C2V antenna; 5 pair of wires	ø2.5x18	100
GC-1	6	9	6.6	5C2V antenna; 10 pair of wires	ø2.5x20	100
GC-1.5	7	11	7.2	10 pair of wires	ø2.5x22	100
GC-2	8	11.5	8.6	3C 1.25m/m <sup>2</sup> wires	ø2.5x22	100
GC-2.5	9	12	9	20 pair of wires	ø2.5x25	100
GC-3	10	13.4	10.5	3C 3.5m/m <sup>2</sup> wires; 3C 2m/m <sup>2</sup> wires; 20 pair of wires	ø2.5x27	100
GC-3.5	11	16.6	12.2	3C 3.5m/m <sup>2</sup> wire; 2C 5.5m/m <sup>2</sup> wire	ø2.5x27	100
GC-4	12	16	12.5	2C/3C/4C 5.5m/m <sup>2</sup> wire	ø2.5x27	100
GC-6	14	20.5	15.6	3C 8m/m <sup>2</sup> wire	ø3.0x35	100
GC-7	16	21.7	17	3C 14m/m <sup>2</sup> wire; 3 pipe; 3/8" PVC pipe	ø3.2x38	100
GC-7.2	18	22	17.5	3C 14m/m <sup>2</sup> wire; 3 pipe; 3/8" PVC pipe	ø3.2x38	100
GC-7.5	20	23.5	18.5	3C 14m/m <sup>2</sup> wire	ø3.2x38	100
GC-8	22	27.8	22.5	3C 22m/m <sup>2</sup> wire; 4 pipe; 1/2" PVC pipe	ø3.2x42	100
GC-9	25	31.6	26	3C 38m/m <sup>2</sup> wire; 6 pipe; 3/4" PVC pipe	ø3.2x47	100
GC-10	32	40	33.5	1 inch pipe; 1" PVC pipe	ø3.6x56	50



## FLAT CABLE CLIPS

- > Material : PE, (nail) medium carbon steel
- > Color : Mostly white

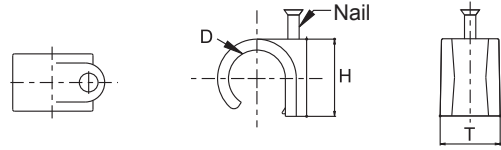


Part No.	W	H	H1	Cable Range	Nails (mm)	Package (pcs/bag)
	(mm)	(mm)	(mm)			
GF-0.7	5.5	5.4	3.1	small flat wire	ø2.0x15	100
GF-1.2	6.2	5.4	3.8	small flat wires	ø2.0x15	100
GF-1.6	8.0	8.0	5.0	1.6mm white flat wires	ø2.0x15	100
GF-2.0	8.5	8.0	5.2	2.0mm white flat wires	ø2.5x18	100
GF-2.2	10.0	10.0	6.5	CNS 2.0mm white flat wires	ø2.5x22	100



### CONTRACT FINISH CABLE CLIPS

- > Material : PE, (nail) medium carbon steel
- > Color : Mostly white, other colors are also available

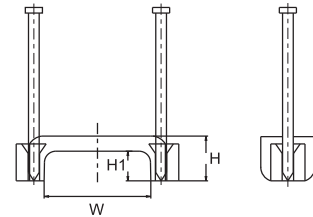


Part No.	T	H	D	Cable Range	Nails (mm)	Package (pcs/bag)
	(mm)	(mm)	(mm)			
GB-1	7.0	4.8	Ø 3.0	Ø3 (3-5)	Ø1.5x21	100
GB-2	6.0	7.0	Ø 4.6	Ø4.6 (5-7)	Ø1.8x26	100
GB-3	8.8	9.2	Ø 7.0	Ø7 (7-10)	Ø1.8x26	100
GB-4	9.56	12.5	Ø 9.5	Ø9.5 (10-14)	Ø1.8x26	100
GB-5	11.8	17.0	Ø 14.8	Ø14.8 (14-20)	Ø2.5x40	100



### DOUBLE NAIL FLAT CLIPS

- > Material : PE, (nail) medium carbon steel
- > Color : Mostly white

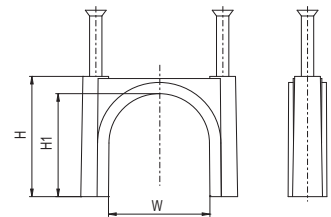


Part No.	W (mm)	H (mm)	H1 (mm)	Cable Range	Nails (mm)	Package (pcs/bag)
GNF-13H	13.5	9.43	6.83	#10/2, 12/2, 14/2	Ø1.86x31	100
GNF-19H	19.5	9.35	6.83	#10/3, 12/3, 14/3	Ø 1.86x31	100



### DUAL NAILS CABLE CLIPS

- > Material : PE, (nail) medium carbon steel
- > Color : Mostly grey, other colors are also available

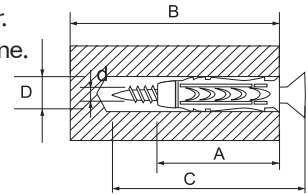


Part No.	W (mm)	H (mm)	H1 (mm)	Cable Range	Nails (mm)	Package (pcs/bag)
GNC-11	40	50.4	41.7	Ø40 (1/4" PVC tube)	Ø 4.0x68	20
GNC-12	49	57.7	51.5	Ø49 (1/2" PVC tube)	Ø 4.0x78	20
GNC-14	62	71.8	62.4	Ø62 (2" PVC tube)	Ø 4.5x97	20



## WALL PLUGS

- > 4-way expansion from lock guarantees highest grip.
- > Anti-rotation lugs prevent the plug rotating in the drill hole.
- > The special spread-free neck prevents damage of tiles and plaster.
- > Simple and quick push-through installation reduces installation time.
- > Material: Polyamide 6, UL 94V2
- > Color: Grey, RAL 7035

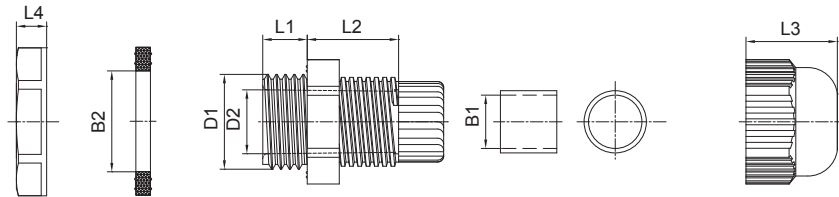


Part No.	A (mm)	B (mm)	dxC (mm)	D (mm)	Screw	
					Part No.	Type
WA-D6	30	40	ø4.5 x 35~40	ø6	SAPZ4540	



## CABLE GLANDS

- > The gland can stand the temp. up to 140° C (284°F) in short time.
- > Material : Polyamide 6,6, UL94 V2. Neoprene for seal insert, with nut
- > Color : Black, grey



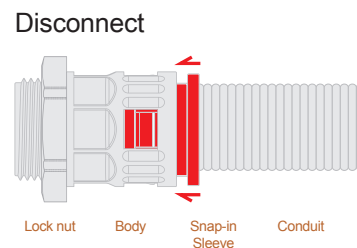
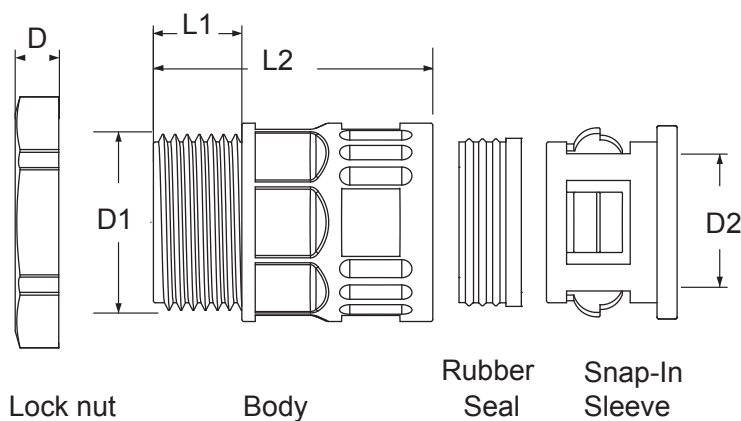
Lock nut    Washer    Body    Seal    Sealing Nut

Part No.	Mounting Hole Dia (mm)	D1 (mm)	D2 (mm)	B1 (mm)	B2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Cable Range	Package (pcs/bag)
<b>PG Gland Range</b>											
PG-07	Ø13.0	Ø12.2	Ø7.5	Ø7.2	Ø12.5	8	15.3	13	5	3~6.5	100
PG-09	Ø15.7	Ø15.1	Ø10.5	Ø9.7	Ø15.4	8	16.6	15.3	5	4~8	100
PG-11	Ø19.1	Ø18.4	Ø13.8	Ø13.1	Ø18.6	9.5	18.4	18.2	5	5~10	100
PG-13.5	Ø20.9	Ø20.2	Ø13.8	Ø13.1	Ø19.9	9.5	18.4	18.2	6	6~12	100
PG-16	Ø23.0	Ø22.4	Ø17.5	Ø17.0	Ø22.5	10	19.1	19.7	6	10~14	100
PG-21	Ø28.8	Ø28.2	Ø22.0	Ø21.0	Ø28.3	10.5	21.9	25	7	13~18	100
PG-29	Ø37.5	Ø36.8	Ø29.0	Ø28.0	Ø37.0	10.5	25.5	27.3	7	18~25	50
PG-36	Ø47.5	Ø46.6	Ø36.8	Ø35.3	Ø47.0	12	29.5	33	8	22~32	50
PG-42	Ø54.5	Ø53.8	Ø40.5	Ø38.0	Ø54.0	14.5	31.5	35	8	28~38	50
PG-48	Ø59.8	Ø58.9	Ø46.5	Ø45.5	Ø59.5	13.5	33	34	8	35~45	50
<b>M-Metric Gland Range</b>											
M12	Ø12.5	Ø11.7	Ø7.5	Ø7.2	Ø11.8	8	15.3	13	5	3~6.5	100
M16	Ø16.5	Ø15.7	Ø10.5	Ø9.7	Ø16.0	8	16.6	15.3	5	4~8	100
M20	Ø20.5	Ø18.4	Ø13.8	Ø13.1	Ø18.6	9.5	18.4	18.2	5	10~14	100
M25	Ø25.5	Ø24.7	Ø17.9	Ø21.0	Ø25.0	10.5	22.7	25	7	13~18	100
M32	Ø32.5	Ø31.6	Ø24.8	Ø28.0	Ø32.0	10.5	25.9	27.5	7	18~25	50
M40	Ø40.5	Ø39.7	Ø31.6	Ø35.3	Ø40.0	10.5	30.0	33	8	22~32	50
M50	Ø50.5	Ø49.7	Ø39.0	Ø38.0	Ø50.0	14.5	29.0	35	8	28~38	50
M63	Ø63.5	Ø62.7	Ø46.5	Ø45.5	Ø63.0	13.5	33.0	34	8	35~45	50



## QUICK DISCONNECT CONDUIT ADAPTORS

- > Push-in lock design makes connection and disconnection quick and energy-saving.
- > Simple dismantling the conduit from adaptor by pressing the snap-in sleeve.
- > Smallest outer dimensions to be used under confined conditions.
- > Material: UL approved PA66, 94V2



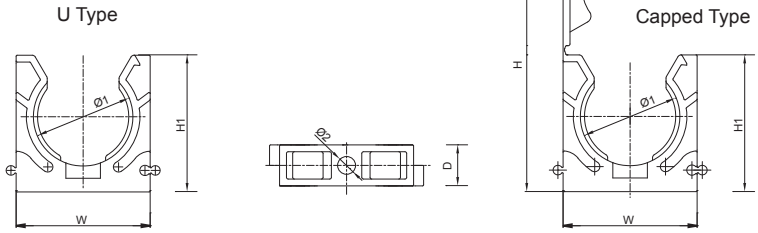
Part No.	Thread	Suitable Conduits	D	D1	D2	L1	L2	Package (pcs/bag)
			mm	mm	mm	mm	mm	
<b>PG Conduit Adaptors</b>								
GCG-07	PG7	NFC-07	5	12.35	11	10	34	50
GCG-10	PG9	NFC-10	5	15.05	13.7	10	32.9	50
GCG-12	PG11	NFC-12	5	18.4	16	10	35.5	50
GCG-17	PG16	NFC-17	6	22.35	22.2	12	41	50
GCG-23	PG21	NFC-23	7	28.1	29.2	12	43.4	50
GCG-28	PG29	NFC-28	7	36.8	35.6	12	45.7	25
GCG-36	PG36	NFC-36	8	46.8	43.3	11.5	44.5	20
GCG-48	PG48	NFC-48	8	58.9	56.9	14.5	51.3	10
<b>Metric Conduit Adaptors</b>								
MCG-07	M12	NFC-07	5	11.75	11.0	12	36.0	50
MCG-10	M16	NFC-10	5	15.75	13.7	12	34.95	50
MCG-12	M20	NFC-12	6	19.75	16	13	38.5	50
MCG-17	M20	NFC-17	6	19.75	22.2	13	42.0	50
MCG-23	M25	NFC-23	6	24.75	29.2	13	44.4	50
MCG-28	M32	NFC-28	7	31.75	35.6	15	48.7	25
MCG-36	M40	NFC-36	7	39.75	43.3	15	48.0	20
MCG-48	M63	NFC-48	8	62.75	56.9	16	52.76	10

\*PF thread also available



## CONDUIT MOUNTING BRACKETS

- > Applicable for joint together for multiple conduits.
- > Material : Polyamide 6,6, UL94 V2
- > Color : Black

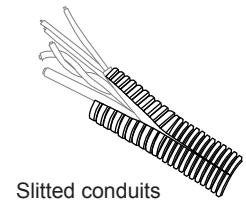
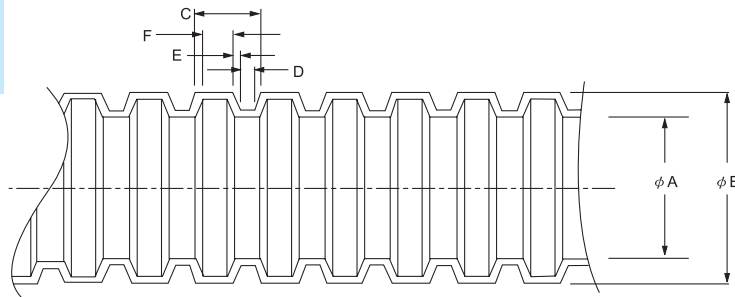


Part No.		Suitable Conduits	Nominal Dimension		W (mm)	H (mm)	H1 (mm)	D (mm)	Ø1 (mm)	Ø2 (mm)	Mounting Screw	Package (pcs/Bag)
U type	Capped		mm	inch								
XFN-07	XFW-07	NFC-07	6.35	1/4"	19.5	40.9	20.6	10	Ø10.1	Ø4.5	M4 x15-30	100
XFN-10	XFW-10	NFC-10	7.94	5/16"	22.5	46.8	23.5	10	Ø13.2	Ø4.5	M4 x15-30	100
XFN-12	XFW-12	NFC-12	9.53	3/8"	25.4	52.4	26.2	10	Ø16.0	Ø4.5	M4 x15-30	100
XFN-17	XFW-17	NFC-17	12.7	1/2"	31	63	31	10	Ø21.5	Ø4.5	M4 x15-30	100
XFN-23	XFW-23	NFC-23	19.05	3/4"	38.8	79.8	40	12	Ø28.8	Ø5.5	M5 x15-30	100
XFN-28	XFW-28	NFC-28	25.4	1"	47	94.6	46.2	12	Ø34.8	Ø5.5	M5 x15-30	50
XFN-36	XFW-36	NFC-36	31.75	1-1/4"	55.8	113.3	56	16	Ø42.8	Ø6.2	M6 x15-30	25
XFN-48	XFW-48	NFC-48	50.8	2"	70	140.1	68.2	20	Ø54.8	Ø6.5	M6 x15-30	10



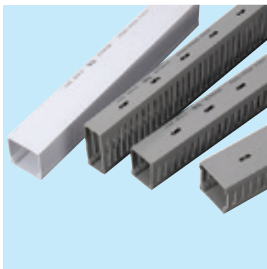
## PA FLEXIBLE CONDUITS

- > Material : Polyamide 6, UL94 V2
- > Color : Black
- > Slitted conduits also available



Slitted conduits

Part No.	Nominal Dimension		In-Diameter A(mm)	Outer Diameter B(mm)	C (mm)	D (mm)	E (mm)	F (mm)	Package
	mm	inch							
NFC-07	6.35	1/4"	Ø6.8±0.4	Ø10.0±0.4	2.72	0.6	0.3	1.52	100M
NFC-10	7.94	5/16"	Ø9.6±0.4	Ø13.0±0.4	2.93	0.6	0.3	1.73	100M
NFC-12	9.53	3/8"	Ø12.0±0.4	Ø15.8±0.4	3.18	0.7	0.3	1.88	100M
NFC-17	12.7	1/2"	Ø16.2±0.4	Ø21.2±0.4	3.46	0.61	0.4	2.05	100M
NFC-23	19.05	3/4"	Ø21.9±0.4	Ø28.5±0.4	4.76	0.75	0.5	3.01	50M
NFC-28	25.4	1"	Ø27.6±0.4	Ø34.5±0.4	4.76	0.85	0.6	2.71	50M
NFC-36	31.75	1 1/4"	Ø36.0±0.4	Ø42.5±0.4	6.35	1.15	0.75	3.7	25M
NFC-48	50.8	2"	Ø47.0±0.4	Ø54.5±0.4	6.35	1.1	0.75	3.75	25M

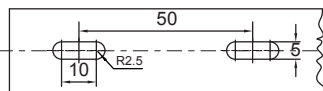


## SLOTTED/SOLID WALL WIRING DUCTS

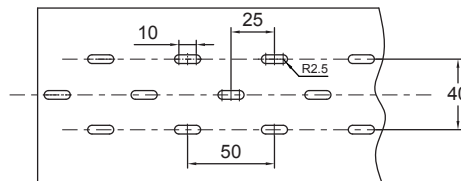
- > Material : PVC
- > Color : White, grey, black. Other colors are also available with special request.
- > S. L. J slots available at special request.



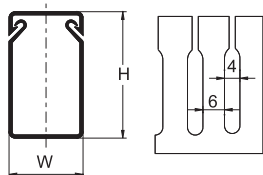
Mounting Hole Dimension  
Small Duct



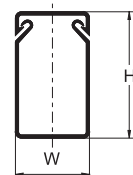
Large Duct



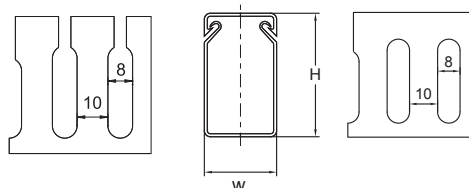
Slot Hole Size  
S=4mm



L=8mm



J=8mm (close slot type)

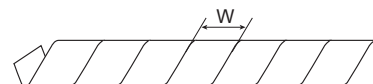


Part No.	Slot Hole Size	WXH (mm)	Wiring Volume	Mounting Hole Dimension	Length
GW-2540	S	25X 40	20-25 PCS	Small	2M
GW-4040	L	40X 40	60-70 PCS	Small	2M
GW-4060	L	40X 60	100-115 PCS	Small	2M
GW-6060	L	60X 60	120-135 PCS	Small	2M
GW-8060	L	80X 60	180-210 PCS	Large	2M
GW-10060	L	100X 60	240-290 PCS	Large	2M
GW-4080	L	40X 80	120-135 PCS	Small	2M
GW-6080	L	60X 80	180-210 PCS	Small	2M
GW-8080	L	80X 80	240-290 PCS	Large	2M
GW-10080	L	100X 80	260-310 PCS	Large	2M
GW-40100	L	40X 100	180-210 PCS	Small	2M
GW-60100	L	60X 100	240-290 PCS	Small	2M
GW-80100	L	80X 100	260-310 PCS	Large	2M
GW-100100	L	100X 100	300-400 PCS	Large	2M



## WRAPPING BANDS

- > Material : PE
- > Color : Natural, black color



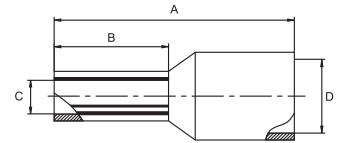
Part No.	In-Diameter (mm)	Out-Diameter (mm)	W (mm)	Wrapping Range (mm)	Package
GST-4	ø5.0	ø6	7	4 - 50	10M
GST-6	ø7.0	ø8	10.8	6 - 60	10M
GST-8	ø8.5	ø10	11.4	7.5 - 60	10M
GST-9	ø10.2	ø12	13.9	9 - 65	10M
GST-12	ø13.0	ø15	15	12 - 70	10M
GST-15	ø16.4	ø19	18.2	15 - 100	10M
GST-20	ø21.0	ø24	19.6	20 - 130	10M





## CORD-END TERMINALS

- > Meets DIN standards for single wire containment.
- > Funnel entry for faster insertion and lower installed cost.
- > Ease of inserting wire into terminal block.
- > Suitable for limited space panel applications.
- > Temperature range: Up to +105°C (221°F)
- > Material : Copper tube with tin plated end sleeves with insulation Polyamide 6,6

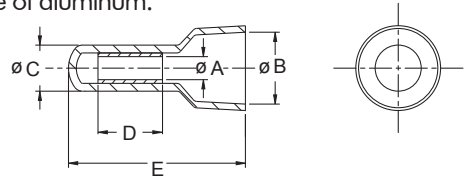


Color(1)	Color(2)	Color DIN46228/4		Conductor sq. mm. (A.W.G.)	Dimension (mm)				Package (pcs/bag)	Tools		
		Part No. (W system)	Part No. (T system)		Part No. (DIN system)	A	B	C			D	
CE002506W	Light Blue	CE002506T	Violet		0.25 (24)	10	6	0.75	1.9	1000	GIT-510	
CE002508W	Light Blue	CE002508T	Violet		0.25 (24)	12	8	0.75	1.9	1000		
CE003406W	Turquoise	CE003406T	Pink		0.34 (22)	10	6	0.8	1.9	1000		
CE003408W	Turquoise	CE003408T	Pink		0.34 (22)	12	8	0.8	1.9	1000		
CE005006W	Orange	CE005006T	White	CE005006D	White	0.5 (20)	12	6	1	2.6	500	GIT-510 GIT-516E1
CE005008W	Orange	CE005008T	White	CE005008D	White	0.5 (20)	14	8	1	2.6	500	
CE005010W	Orange	CE005010T	White	CE005010D	White	0.5 (20)	16	10	1	2.6	500	
CE007506W	White	CE007506T	Light Blue	CE007506D	Grey	0.75 (19)	12	6	1.2	2.8	500	
CE007508W	White	CE007508T	Light Blue	CE007508D	Grey	0.75 (19)	14	8	1.2	2.8	500	
CE007510W	White	CE007510T	Light Blue	CE007510D	Grey	0.75 (19)	16	10	1.2	2.8	500	
CE007512W	White	CE007512T	Light Blue	CE007512D	Grey	0.75 (19)	18	12	1.2	2.8	500	
CE010006W	Yellow	CE010006T	Red	CE010006D	Red	1 (18)	12	6	1.4	3	500	
CE010008W	Yellow	CE010008T	Red	CE010008D	Red	1 (18)	14	8	1.4	3	500	
CE010010W	Yellow	CE010010T	Red	CE010010D	Red	1 (18)	16	10	1.4	3	500	
CE010012W	Yellow	CE010012T	Red	CE010012D	Red	1 (18)	18	12	1.4	3	500	
CE015008W	Red	CE015008T	Black	CE015008D	Black	1.5 (16)	14	8	1.7	3.5	500	
CE015010W	Red	CE015010T	Black	CE015010D	Black	1.5 (16)	16	10	1.7	3.5	500	
CE015012W	Red	CE015012T	Black	CE015012D	Black	1.5 (16)	18	12	1.7	3.5	500	
CE015018W	Red	CE015018T	Black	CE015018D	Black	1.5 (16)	24	18	1.7	3.5	500	
CE025008W	Blue	CE025008T	Grey	CE025008D	Blue	2.5 (14)	14	8	2.2	4.2	500	
CE025010W	Blue	CE025010T	Grey	CE025010D	Blue	2.5 (14)	16	10	2.2	4.2	500	
CE025012W	Blue	CE025012T	Grey	CE025012D	Blue	2.5 (14)	18	12	2.2	4.2	500	
CE025018W	Blue	CE025018T	Grey	CE025018D	Blue	2.5 (14)	24	18	2.2	4.2	500	
CE040010W	Grey	CE040010T	Orange	CE040010D	Grey	4 (12)	17	10	2.8	4.8	500	GIT-516E1
CE040012W	Grey	CE040012T	Orange	CE040012D	Grey	4 (12)	20	12	2.8	4.8	500	
CE040018W	Grey	CE040018T	Orange	CE040018D	Grey	4 (12)	26	18	2.8	4.8	500	
CE060012W	Black	CE060012T	Green	CE060012D	Yellow	6 (10)	20	12	3.5	6.3	500	GIT-516E2
CE060018W	Black	CE060018T	Green	CE060018D	Yellow	6 (10)	26	18	3.5	6.3	500	
CE100012W	Ivory	CE100012T	Brown	CE100012D	Red	10 (8)	22	12	4.5	7.6	500	GIT-516E2 GIT-516E3
CE100018W	Ivory	CE100018T	Brown	CE100018D	Red	10 (8)	28	18	4.5	7.6	500	
CE160012W	Green	CE160012T	Ivory	CE160012D	Blue	16 (6)	22	12	5.8	8.8	500	
CE160018W	Green	CE160018T	Ivory	CE160018D	Blue	16 (6)	28	18	5.8	8.8	500	
CE250016W	Brown	CE250016T	Black	CE250016D	Yellow	25 (4)	30	16	7.3	11.2	500	GIT-516E3 GIT-516E4
CE250018W	Brown	CE250018T	Black	CE250018D	Yellow	25 (4)	32	18	7.3	11.2	500	
CE250022W	Brown	CE250022T	Black	CE250022D	Yellow	25 (4)	36	22	7.3	11.2	500	
CE350016W	Beige	CE350016T	Red	CE350016D	Red	35 (2)	30	16	8.3	12.7	500	GIT-516E4
CE350018W	Beige	CE350018T	Red	CE350018D	Red	35 (2)	32	18	8.3	12.7	500	
CE350025W	Beige	CE350025T	Red	CE350025D	Red	35 (2)	39	25	8.3	12.7	500	
CE500020W	Olive	CE500020T	Blue	CE500020D	Blue	50 (1)	36	20	10.3	15	100	GIT-516E4 GIT-518
CE500025W	Olive	CE500025T	Blue	CE500025D	Blue	50 (1)	40	25	10.3	15	100	
CE700021W	Yellow	CE700021T	Yellow	CE700021T	Yellow	70 (2/0)	37	21	13.5	16	100	GIT-518
CE950025W	Red	CE950025T	Red	CE950025T	Red	95 (3/0)	44	25	14.7	18	100	
CE120027W	Blue	CE120027T	Blue	CE120027T	Blue	120 (4/0)	48	27	16.7	20	100	
CE150032W	Yellow	CE150032T	Yellow	CE150032T	Yellow	150 (250)	58	32	19.5	23	100	

## C SERIES CLOSE-END CRIMP CONNECTORS



- > Four model cover a wide range of wire combinations from 22 AWG strands through 10 AWG stranded.
- > Compact design fits easily into tight locations.
- > Flared skirt ensures easily wire entry and protects against turned-back strands.
- > UL Listed for 300V maximum building wiring; temperature rated at 105°C (221°F) maximum.
- > Part No. with postfix V0 means the shell is UL 94V-0 flame-retardant.
- > Part No. with postfix "-L" means the tube is made of aluminum.
- > Material : UL approved 94V-2 Polyamide 6,6, copper tube or aluminum tube.

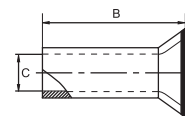


Part No.	Temp Rating	Voltage	Dimension(mm)					Suitable Wire A.W.G.	Color	Suitable crimping Tools	Package (pcs/bag)
			ØA	ØB	ØC	D	E				
C3	105°C (221°F)	300V	Ø2.6	Ø7.9	Ø5.1	6.8	19.3	22~16	Natural	GIT-517C1	1000
C4	105°C (221°F)	300V	Ø3.2	Ø7.9	Ø5.6	6.8	20.1	22~14	Natural	GIT-517C1	1000
C5	105°C (221°F)	300V	Ø4.3	Ø10.3	Ø7.1	7.8	24.6	22~10	Natural	GIT-517C1, GIT-517C5	1000
C8	105°C (221°F)	300V	Ø5.2	Ø12.2	Ø9.2	8.6	27	22~10	Natural	GIT-517C5	500
C3-L	105°C (221°F)	300V	Ø2.5	Ø6.5	Ø5.1	6.4	18	22~16	Natural	GIT-517C1	1000
C4-L	105°C (221°F)	300V	Ø3.1	Ø7.8	Ø5.7	8	20.1	22~14	Natural	GIT-517C1	1000
C5-L	105°C (221°F)	300V	Ø4.3	Ø10.6	Ø7.3	10.7	24.8	22~10	White	GIT-517C1, GIT-517C5	1000
C3V0	105°C (221°F)	300V	Ø2.5	Ø6.5	Ø5.1	Ø6.4	Ø18.0	22~16	White	GIT-517C1	1000
C4V0	105°C (221°F)	300V	Ø3.1	Ø7.8	Ø5.7	Ø8.0	Ø20.1	22~14	White	GIT-517C1	1000
C5V0	105°C (221°F)	300V	Ø4.3	Ø10.6	Ø7.3	Ø10.7	Ø24.8	22~10	White	GIT-517C1, GIT-517C5	1000
C3-LV0	105°C (221°F)	300V	Ø2.5	Ø6.5	Ø5.1	Ø6.4	Ø18.0	22~16	White	GIT-517C1	1000
C4-LV0	105°C (221°F)	300V	Ø3.1	Ø7.8	Ø5.7	Ø8.0	Ø20.1	22~14	White	GIT-517C1	1000
C5-LV0	105°C (221°F)	300V	Ø4.3	Ø10.6	Ø7.3	Ø10.7	Ø24.8	22~10	White	GIT-517C1, GIT-517C5	1000

## UN-INSULATED CORD-END TERMINALS



> Material: Copper tube with tin plated



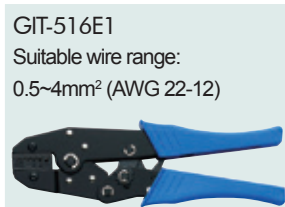
## TOOLS FOR CORD-END TERMINALS



**GIT-510**  
Suitable wire range:  
0.25~2.5mm<sup>2</sup> (AWG 24-14)



**GIT-518**  
Suitable wire range:  
50~150mm<sup>2</sup>



**GIT-516E1**  
Suitable wire range:  
0.5~4mm<sup>2</sup> (AWG 22-12)



**GIT-516E2**  
Suitable wire range:  
6~16mm<sup>2</sup> (AWG 10-6)



**GIT-516E3**  
Suitable wire range:  
10~25mm<sup>2</sup> (AWG 8-4)



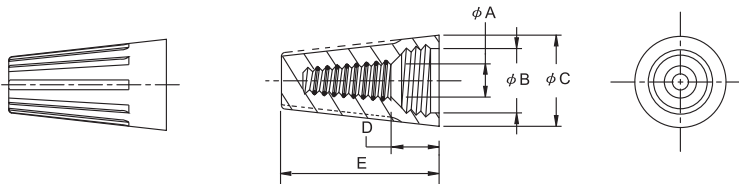
**GIT-516E4**  
Suitable wire range:  
25~50mm<sup>2</sup> (AWG 4-1)



## E SERIES WIRE CONNECTORS



- > Five color-coded models cover a full range of wire sizes from 22-10 AWG.
- > Fixed, square-wire spring maintains a strong grip that wire connections will not relax over time.
- > No pre-twisting required - positive grip design provides fast, easy installation.
- > Deep, wide skirt helps protect against flash-over and turned-back strands for maximum dielectric protection.
- > Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F).
- > UL Listed to 486C and comply with Federal Specification W-S-610E.
- > Material : UL approved PP, steel spring



E SERIES  
HIGH TEMPERATURE  
WIRE CONNECTORS

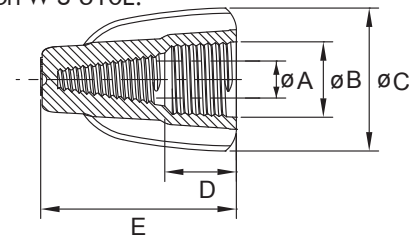


Part No.	Temp Rating	Voltage	Dimension(mm)					Suitable Wire A.W.G.	Color	Package (pcs/bag)
			φA	φB	φC	D	E			
E1	105°C (221°F)	300V	φ5.0	φ6.0	φ8.5	3.5	14.7	22-18	Grey	1000
E2	105°C (221°F)	300V	φ6.0	φ7.5	φ10.1	6.5	17.5	22-14	Blue	1000
E3	105°C (221°F)	600V	φ6.2	φ8.2	φ11.2	8	21.4	22-14	Orange	500
E4	105°C (221°F)	600V	φ8.7	φ10.5	φ13.7	7.5	23.6	18-10	Yellow	500
E6	105°C (221°F)	600V	φ9.30	φ13.2	φ16.0	10.1	26	18-10	Red	500

## W SERIES WINGED WIRE CONNECTORS



- > 5 color-coded models cover a full range of wire sizes from 22 through 6 AWG.
- > Big wings with molded vertical ribs provide a secure grip for more torque on maximum wire combinations.
- > Fixed, square-wire spring maintains a strong grip that wire connections will not relax over time.
- > No pre-twisting required - positive grip design provides fast, easy installation.
- > Deep skirt helps protect against flash-over and turned-back strands for maximum dielectric protection.
- > Tough, UL 94V-2 flame-retardant shell rated at 105°C (221°F).
- > UL Listed to 486C and comply with Federal Specification W-S-610E.
- > Material: UL approved PP, steel spring



Part No.	Temp Rating	Voltage	Dimension(mm)					Suitable Wire A.W.G.	Color	Package (pcs/bag)
			φA	φB	φC	D	E			
W1	105°C (221°F)	600V	φ6.7	φ10.0	φ19.0	8.7	25.9	18-10	Yellow	500
W2	105°C (221°F)	600V	φ7.8	φ11.2	φ18.95	8.55	28.9	22-8	Tan	500
W3	105°C (221°F)	600V	φ9.4	φ13.3	φ22.9	9.2	31.9	18-8	Red	500
W4	105°C (221°F)	600V	φ10.5	φ14.5	φ25.1	9.6	32.83	18-8	Grey	200
W5	105°C (221°F)	600V	φ12.8	φ17.5	φ31.8	12.45	40.2	14-6	Blue	200

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