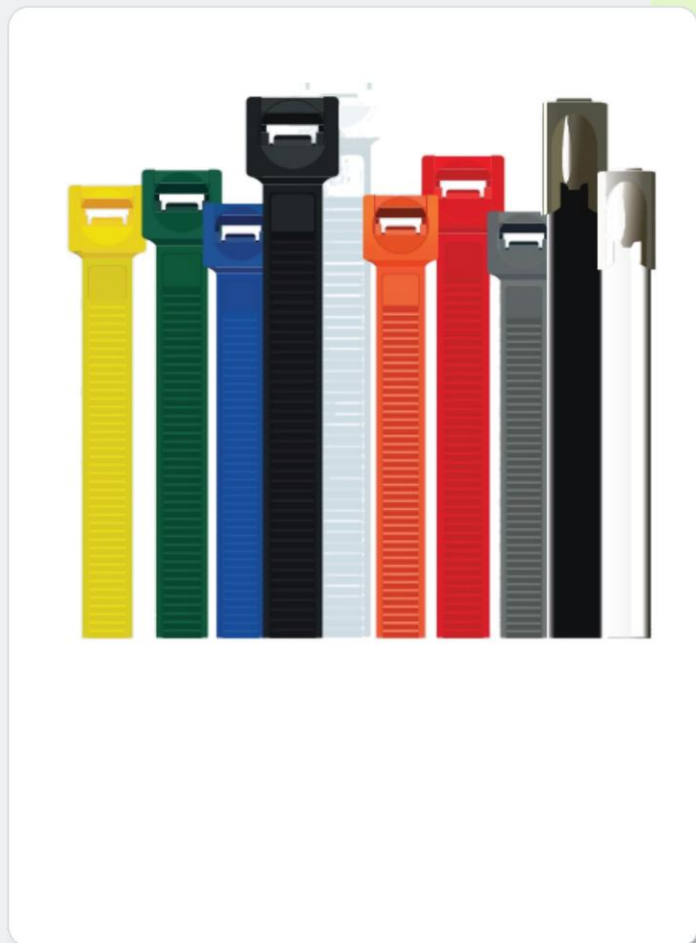


Engineered in Canada, built for the world.

Clifnor cable ties and wiring accessories for
distribution, industrial sourcing and online channels.

Calgary, Alberta, Canada



- Nylon Cable Ties
- Special Cable Ties
- Stainless Steel Ties & Accessories

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Clifnor cable management catalogue structure

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Engineered in Canada, built for the world.

A focused cable tie catalogue prepared for clean sourcing, structured navigation and practical product selection.

• Main material for Cable Ties

Application Area	Material	Function	Flam Class	Min Install Temperature
General Purpose	Nylon 6/6	General	UL94 V2	-20 °C (-4°F)
Heat Stabilised	Nylon 6/6 Heat Stabilised	Heat Stabilised, UV	UL94 V2	-10 °C (14°F)
High Temperature Resistant	Nylon 4.6	High Temperature Resistant	UL94 V2	-10 °C (14°F)
Strong UV Light	Nylon 6/6 Weather Resistant	Weather Resistant	UL94 V2	-20 °C (-4°F)
Cold Area	Nylon 6/6 Medium Impact	Low Temperature, heat stabilised, UV	UL94 HB	-20 °C (-4°F)
Extreme Cold	Nylon 6/6 High Impact	Low Temperature, heat stabilised, UV	UL94 HB	-40 °C (-40°F)
Better Flammability	Nylon 6/6	Better Flammability	UL94 V0	-0 °C (32°F)
Solar Industry	Nylon 12, or Nylon 612	Low Temperature, heat stabilised, Extra UV	UL94 HB	-30 °C (-22°F)

• How to choose a right cable ties?

The most important characteristics of a cable tie are:

- The raw-material they are made of (chemicals, weather, and heat resistance, low temperature resistance, the flammability rating)
- The tensile strength they can resistant
- The max diameter they can bundle
- The shape of the tie in case of particular applications
- Smoke and heat generation (Suitable for use in air-handling spaces (plenums))

• Chemical Resistant

- please ask for information about the chemical resistance, if you need to apply the cable ties into a special area

• UV Resistant

- All polymers including the polyamides used for the production of cable ties are sensitive to UV radiation. The most common additive used for protecting polyamides from UV radiation is carbon powder commonly known as "carbon black".
- Natural Cable Ties have low resistance to UV radiation, but natural color usually can reflect the sunlight, so it could be used for general purpose outdoor. But not suggested for outdoor application.
- Black Cable Ties are additivated with carbon black. They have improved weather and UV radiation resistance and are better suitable for outdoor applications, but this is not enough to protect the material from the damage due to the UV-radiation for a long time.
- For these needs the weather resistance cable ties could be used, and if for a long term of outdoor use, we strongly suggest you to choose Strong UV resistance (weather resistance) material and our strong UV resistance material, based on material supplier testing report, it remain a good function with 180 months application (15 years)

• Temperature resistance

- Normally, the polyamide material without any additive, it only can be installed under the tempeprature of -20°C (-4°F), but the material will become very brittle with the temperature of lower than -20°C (-4°F). So for the normal grade polyamide material, we do not suggest you to install the cable ties if the temperature is lower than -20°C (-4°F).
- Many people is doubting that "what's the operation temp" means? usually it means the temperature the cable ties still could be worked after installation.
- So if you need to install a cable ties under extremely low temperature, please ask for the correct material.
- The polyamide material is really sensitive to the moisture. If without moisture, the materail will become brittle. So please do not open the bag for a long time before you use, and also after using, please close the bag immediately.
- In the dry and Cold winter, please do not keep the cable ties in a cold and dry weather. We do not suggest you to move out the Cable Ties from the conditioned warehouse if you are not ready to use it.
- The best condition for storage of Cable Ties is 23°C (73.4°F), at the humidity of 50%.

• Flammability

- The UL 94 test, the Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances testing. The classifications relate to materials commonly used in manufacturing enclosures, structural parts and insulators found in consumer electronic products (V-0, V-1, V-2, HB, from the highest level to the lowest)

• Standard from UL 62275

- Loop tensile strength
Type 1 or 11 based,
No individual value shall be less than 50 % of the loop tensile strength declared after heat aging, after temperature cycling.
Type 2, 21, 21S based,
No individual value shall be less than 100 % of the loop tensile strength declared after heat aging, after temperature cycling.

- Minimum installation temperature and operation temperature test

According to the new standard of UL62275, the minimum installation temperature, and operation temperature test should be made. Different factories they will declare different minimum installation temperature, and operation temperature as well. so UL will indicate such information to approve the quality of the products, and the characters of the products.

- Smoke and heat generation

AH-1: Suitable for use in air-handling spaces – 1 (plenums) (for Metallic component, like stainless steel cable ties)

AH-2: Suitable for use in air-handling spaces – 2 (plenums) (for Non-metallic component and Composite component, like nylon cable ties, cable ties fixing, coated stainless steel cable ties)

● **Standard Cable Ties**

- Material:
 Natural: Polyamide (Nylon) 6.6 natural
 UV Black: Polyamide (Nylon) 6.6 + carbon black
 Colors: Polyamide (Nylon) 6.6 natural + Colorant
- Flammability of raw material : UL 94 - V2, Plenum Rated
- Humidity absorption: 2,7% - 2,8% (23°C -50%RH)
- Working (Operation) Temperature: -40°C - + 85°C (-40°F - + 185°F)
- Min Installation Temperature: -20°C (-4°F)
- Max sustainable temperature for short time: +110°C (230°F)
- Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids. Not resistant to phenols.
- UL (Underwriters Laboratories) : File E258930 based newest standard UL62275
- TUV, DNV-GL Approval: EN (IEC) 62275:2019
- REACH, ROHS, PAHS Compliance, Halogen Free



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-M-080-3	2.5 x 80 mm	3.1	3.0 - 14.0 mm	0.12 - 0.55"	80N, 8.1 kgs, 18lbs	21
CL-M-100-4	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"		
CL-M-120-5	2.5 x 120mm	4.7	3.0 - 27.0 mm	0.12 - 1.06"		
CL-M-130-5	2.5 x 130mm	5.0	3.0 - 30.0 mm	0.12 - 1.18"		
CL-M-150-6	2.5 x 150mm	6.0	3.0 - 36.5 mm	0.12 - 1.44"		
CL-M-160-6	2.5 x 160mm	6.3	3.0 - 39.8 mm	0.12 - 1.57"		
CL-M-200-8	2.5 x 200mm	8.0	3.0 - 52.5 mm	0.12 - 2.07"		
CL-M-260-10	2.5 x 260mm	10.2	3.0 - 73.0 mm	0.12 - 2.87"		
CL-M-380-15	2.5 x 380mm	15.0	3.0 - 110.0 mm	0.12 - 4.33"		

CL-I-140-5	3.6 x 140 mm	5.5	3.5 - 33.0 mm	0.14 - 1.30"	180N, 18.3 kgs, 40lbs	21
CL-I-150-6	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"		
CL-I-180-7	3.6 x 180 mm	7.1	3.5 - 46.0 mm	0.14 - 1.81"		
CL-I-200-8	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"		
CL-I-215-8	3.6 x 215 mm	8.5	3.5 - 57.0 mm	0.14 - 2.24"		
CL-I-250-10	3.6 x 250 mm	9.8	3.5 - 68.0 mm	0.14 - 2.68"		
CL-I-280-11	3.6 x 280 mm	11.0	3.5 - 78.0 mm	0.14 - 3.07"		
CL-I-300-12	3.6 x 300 mm	11.8	3.5 - 84.0 mm	0.14 - 3.31"		
CL-I-370-15	3.6 x 370 mm	14.6	3.5 - 106.0 mm	0.14 - 4.17"		

CL-S-120-5	4.6 x 120 mm	4.7	3.5 - 23.8 mm	0.14 - 0.94"	230N, 23.4 kgs, 50lbs	21,21S
CL-S-160-6	4.6 x 160 mm	6.3	3.5 - 36.6 mm	0.14 - 1.44"		
CL-S-180-7	4.6 x 180 mm	7.0	3.5 - 43.0 mm	0.14 - 1.69"		
CL-S-190-8	4.6 x 190 mm	7.5	3.5 - 46.0 mm	0.14 - 1.81"		
CL-S-200-8	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"		
CL-S-215-8	4.8 x 215 mm	8.5	3.5 - 54.0 mm	0.14 - 2.13"		
CL-S-250-10	4.8 x 250 mm	10.0	3.5 - 65.0 mm	0.14 - 2.56"		
CL-S-280-11	4.8 x 280 mm	11.0	3.5 - 74.8 mm	0.14 - 2.94"		

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-S-300-12	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	230N, 23.4 kgs, 50lbs	21,21S
CL-S-350-14	4.8 x 350 mm	13.8	3.5 - 97.0 mm	0.14 - 3.82"		
CL-S-360-14	4.8 x 360 mm	14.0	3.5 - 100.0 mm	0.14 - 3.94"		
CL-S-370-15	4.8 x 370 mm	14.6	3.5 - 103.5 mm	0.14 - 4.07"		
CL-S-380-15	4.8 x 380 mm	15.0	3.5 - 106.7 mm	0.14 - 4.20"		
CL-S-390-16	4.8 x 390 mm	15.5	3.5 - 110.0 mm	0.14 - 4.33"		
CL-S-430-17	4.8 x 430 mm	17.0	3.5 - 122.5 mm	0.14 - 4.82"		
CL-S-450-18	4.8 x 450 mm	18.0	3.5 - 129.0 mm	0.14 - 5.08"		
CL-S-500-20	4.8 x 500 mm	19.7	3.5 - 145.0 mm	0.14 - 5.71"		
CL-S-550-21	4.8 x 550 mm	21.7	3.5 - 160.0 mm	0.14 - 6.30"		
CL-S-610-24	4.8 x 610 mm	24.0	3.5 - 179.9 mm	0.14 - 7.08"		
CL-S-740-29	4.8 x 740 mm	29.0	3.5 - 220.0 mm	0.14 - 8.66"		
CL-S-920-36	4.8 x 920 mm	36.0	3.5 - 278.0 mm	0.14 - 10.94"		

CL-HD-150-6	7.6 x 150 mm	6.0	8.5 - 35.0 mm	0.33 - 1.38"	540N, 55.1 kgs, 120lbs	21,21S
CL-HD-200-8	7.6 x 200 mm	8.0	8.5 - 50.9 mm	0.33 - 2.00"		
CL-HD-220-8	7.6 x 220 mm	8.7	8.5 - 56.0 mm	0.33 - 2.20"		
CL-HD-250-10	7.6 x 250 mm	10.0	8.5 - 66.8 mm	0.33 - 2.63"		
CL-HD-280-11	7.6 x 280 mm	11.0	8.5 - 76.4 mm	0.33 - 3.01"		
CL-HD-300-12	7.6 x 300 mm	11.8	8.5 - 82.8 mm	0.33 - 3.26"		
CL-HD-350-14	7.6 x 350 mm	13.8	8.5 - 98.5 mm	0.33 - 3.88"		
CL-HD-365-14	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"		
CL-HD-380-15	7.6 x 380 mm	15.0	8.5 - 108.0 mm	0.33 - 4.25"		
CL-HD-400-16	7.6 x 400 mm	15.7	8.5 - 114.5 mm	0.33 - 4.51"		
CL-HD-450-18	7.6 x 450 mm	18.0	8.5 - 130.5 mm	0.33 - 5.14"		
CL-HD-500-20	7.6 x 500 mm	19.7	8.5 - 146.5 mm	0.33 - 5.77"		
CL-HD-550-22	7.6 x 550 mm	21.7	8.5 - 162.5 mm	0.33 - 6.40"		
CL-HD-610-24	7.6 x 610 mm	24.0	8.5 - 181.5 mm	0.33 - 7.15"		
CL-HD-750-30	7.6 x 750 mm	29.5	8.5 - 226.0 mm	0.33 - 8.90"		

CL-FHD-300-12	8.8 x 300 mm	11.8	8.5 - 83.0 mm	0.33 - 3.27"	800N, 81.6 Kgs, 175lbs	21,21S
CL-FHD-400-16	8.8 x 400 mm	15.7	8.5 - 115.0 mm	0.33 - 4.53"		
CL-FHD-450-18	8.8 x 450 mm	18.0	8.5 - 130.5 mm	0.33 - 5.14"		
CL-FHD-500-20	8.8 x 500 mm	19.7	8.5 - 146.5 mm	0.33 - 5.77"		
CL-FHD-550-21	8.8 x 550 mm	21.7	8.5 - 163.5 mm	0.33 - 6.44"		
CL-FHD-610-24	8.8 x 610 mm	24.0	8.5 - 181.5 mm	0.33 - 7.15"		
CL-FHD-710-28	8.8 x 710 mm	28.0	8.5 - 195.0 mm	0.33 - 7.68"		
CL-FHD-750-29	8.8 x 750 mm	29.5	8.5 - 205.0 mm	0.33 - 8.07"		
CL-FHD-760-30	8.8 x 760 mm	30.0	8.5 - 229.5 mm	0.33 - 9.04"		
CL-FHD-780-31	8.8 x 780 mm	30.7	8.5 - 235.5 mm	0.33 - 9.27"		
CL-FHD-810-32	8.8 x 810 mm	32.0	8.5 - 245.0 mm	0.33 - 9.65"		
CL-FHD-920-36	8.8 x 920 mm	36.0	8.5 - 280.0 mm	0.33 - 11.02"		
CL-FHD-1020-40	8.8 x 1020 mm	40.0	8.5 - 295.0 mm	0.33 - 11.61"		
CL-FHD-1168-46	8.8 x 1168 mm	46.0	8.5 - 340.0 mm	0.33 - 13.39"		
CL-FHD-1220-48	8.8 x 1220 mm	48.0	8.5 - 375.5 mm	0.33 - 14.78"		
CL-FHD-1530-60	8.8 x 1530 mm	60.0	8.5 - 450.0 mm	0.33 - 17.72"		

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-HSD-230-9	12.4 x 230 mm	9.0	9.0 - 57.0 mm	0.35 - 2.24"	1200N, 122.4 Kgs, 250lbs	21
CL-HSD-290-11	12.4 x 290 mm	11.4	9.0 - 76.0 mm	0.35 - 2.99"		
CL-HSD-380-15	12.4 x 380 mm	15.0	9.0 - 103.5 mm	0.35 - 4.07"		
CL-HSD-480-19	12.4 x 480 mm	19.0	9.0 - 136.0 mm	0.35 - 5.35"		
CL-HSD-530-21	12.4 x 530 mm	21.0	9.0 - 156.0 mm	0.35 - 6.14"		
CL-HSD-580-22	12.4 x 580 mm	22.8	9.0 - 168.0 mm	0.35 - 6.61"		
CL-HSD-650-26	12.4 x 650 mm	25.6	9.0 - 195.0 mm	0.35 - 7.68"		
CL-HSD-730-28	12.4 x 730 mm	28.7	9.0 - 216.0 mm	0.35 - 8.50"		
CL-HSD-880-34	12.4 x 880 mm	34.6	9.0 - 263.0 mm	0.35 - 10.35"		
CL-HSD-1000-34	12.4 x 1000 mm	39.4	18.0 - 315.0 mm	0.71 - 12.40"		

● Magic Cable Ties (Hook & Loop Ties)

- Self-locking head and body design
- Provides a fast and easy way of application
- Material: Hook: Nylon, Loop: Polyester, Base: Synthetic Resin
- Color available: Black, Green, Yellow, Red, Blue, White
- Melt temperature: Hook: 230°C, Loop: 180°C
- Working (Operation) Temperature -40°C - + 85°C (-40°F - + 185°F)
- Min Installation Temperature: -20°C (0°F)
- Remarks: the tensile strength will be increased under the cold temperature, but the durability will be reduced.
- Water resistant: it could be used under the water, the tensile will be reduced 50%, but after dry it, the tensile will be recovered.
- Chemical Resistant: Alkaline Soda (50%), Ammonia (28%), Hydrochloric Acid (2.5%), Nitric Acid (3.5%), can be still worked.
- Tensile Strength: 1x1cm connection: 25N (5.6lb), Peeling force: 1x1cm connection: 3N (0.67lb)

Hook & Loop Cable Ties



Pre-Cut Back to Back Style

Item No.	Width X Length	Length (in)	Bundle Diameter (Max)	Bundle Diameter (Max)
CL-VT-(1/2)-130-5	12.5 x 130 mm	5.1	35.0 mm	1.38"
CL-VT-(1/2)-180-7	12.5 x 180 mm	7.0	51.0 mm	2.00"
CL-VT-(1/2)-200-8	12.5 x 200mm	8.0	59.0 mm	2.32"
CL-VT-(1/2)-300-12	12.5 x 300 mm	11.8	89.0 mm	3.50"
CL-VT-(2/3)-300-12	17.0 x 310 mm	12.9	92.0 mm	3.60"

In Roll Style (could be perforated at fixed length upon request)

Item No.	Width X Length	Width X Length
CL-VT-(3/8)-25YD	9.5mm x 22.8 m	3/8" x 25 yd
CL-VT-(1/2)-25YD	12.5mm x 22.8 m	1/2" x 25 yd
CL-Vt-(3/4)-25YD	19.0 mm x 22.8 m	3/4" x 25 yd
CL-VT-(3/8)-25M	10.0mm x 25.0 m	3/8" x 27.3 yd
CL-VT-(5/8)-25M	16.0mm x 25.0 m	5/8" x 27.3 yd
CL-VT-(13/16)-25M	20.0mm x 25.0 m	13/16" x 27.3 yd
CL-VT-(1)-25M	25.0mm x 25.0 m	1" x 27.3 yd



In Roll Style Male and Female

Item No.	Width X Length	Width X Length
CL-VTM-(1)-25M	25.0mm x 25.0 m	1" x 27.3 yd
CL-VTF-(1)-25M	25.0mm x 25.0 m	1" x 27.3 yd

Remarks

1. Material is available upon request
2. Width is available from 9.5-150mm
3. Pre-cut model is available upon request

● **Metal Barb Cable Ties**

- Material:
 - Natural: Polyamide (Nylon) 6.6 natural
 - UV Black: Polyamide (Nylon) 6.6 + carbon black
 - Colors: Polyamide (Nylon) 6.6 natural + Colorant
 - Barb: 316 Stainless steel
- Flammability of raw material : UL 94 - V2, Plenum Rated
- Humidity absorption: 2,7% - 2,8% (23°C -50%RH)
- Working (Operation) Temperature: -60°C - + 85°C (-76°F - + 185°F)
- Min Installation Temperature: -20°C (-4°F)
- Max sustainable temperature for short time: +110°C (230°F)
- Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids. Not resistant to phenols.
- UL (Underwriters Laboratories) : File E258930 based newest standard UL62275
- REACH, ROHS, PAHS Compliance, Halogen Free



Heat Stabilised Material, Metal detectable material, PA12 material is available upon request

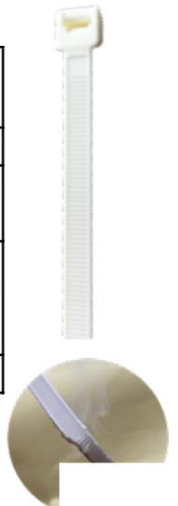
Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-M-100-4-I ST	3.0 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1 kgs, 18lbs	21
CL-M-160-6-I ST	3.0 x 160 mm	6.3	3.0 - 39.8 mm	0.12 - 1.57"		
CL-M-200-8-I ST	3.0 x 200 mm	8.0	3.0 - 52.5 mm	0.12 - 2.07"		
CL-T-140-5-I ST	3.6 x 140 mm	5.5	3.5 - 33.0 mm	0.14 - 1.30"	180N, 18.3 kgs, 40lbs	21
CL-T-200-8-I ST	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"		
CL-T-300-12-I ST	3.6 x 300 mm	11.8	3.5 - 84.0 mm	0.14 - 3.31"		
CL-T-370-15-I ST	3.6 x 370 mm	14.5	3.5 - 106.0 mm	0.14 - 4.17"	222N, 22.7 kgs, 50lbs	21,21S
CL-S-200-8-I ST	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"		
CL-S-250-10-L ST	4.8 x 250 mm	10.0	3.5 - 65.0 mm	0.14 - 2.56"		
CL-S-300-12-I ST	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	540N, 55.1 kgs, 120lbs	21,21S
CL-S-370-15-I ST	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"		
CL-HD-220-8-I ST	7.0 x 220 mm	8.6	8.5 - 47.2 mm	0.33 - 1.86"		
CL-HD-300-12-I ST	7.0 x 300 mm	11.8	8.5 - 82.8 mm	0.33 - 3.26"	540N, 55.1 kgs, 120lbs	21,21S
CL-HD-370-14-I ST	7.0 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"		
CL-HD-460-18-I ST	7.0 x 460 mm	18.0	8.5 - 130.5 mm	0.33 - 5.14"		
CL-HD-620-24-I ST	7.0 x 620 mm	24.4	8.5 - 181.5 mm	0.33 - 7.15"	540N, 55.1 kgs, 120lbs	21,21S
CL-HD-760-30-I ST	7.0 x 760 mm	29.9	8.5 - 226.0 mm	0.33 - 8.90"		

Special Cable Ties

● **UL 94V-0 Grade Cable Ties**

- Main characters: Flammability of raw material: UL 94-V0 (Basic Material: Nylon 6.6)

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-M-100-4-V0	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1kgs, 18lbs
CL-T-150-6-V0	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	180N, 18.3 kgs, 40lbs
CL-T-200-8-V0	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"	
CL-S-200-8-V0	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	222N, 22.7 kgs, 50lbs
CL-S-300-12-V0	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	
CL-S-370-15-V0	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"	
CL-HD-370-14-V0	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	540N, 55.1 kgs, 120lbs



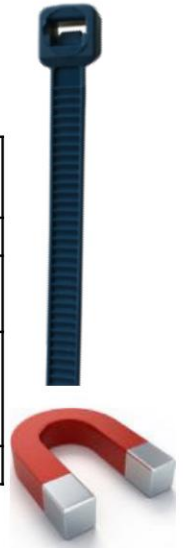
Better Flame Retardance



● **Metal Detectable Cable Ties (FDA compliance)**

• made of detectable nylon (PA66) compounds (the "Products"). These products are intended for use in the proximity of food processing, handling, and packaging operations. In addition, these products are used for cable management on food processing and packaging equipment, and inside electrical control panels found in food processing and packaging operations.

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-M-100-4-MD	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1 kgs, 18lbs
CL-I-150-6-MD	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	180N, 18.3 kgs, 40lbs
CL-I-200-8-MD	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"	
CL-S-200-8-MD	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	222N, 22.7 kgs, 50lbs
CL-S-300-12-MD	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	
CL-S-370-15-MD	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"	
CL-HD-370-14-MD	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	540N, 55.1 kgs, 120lbs



FOOD industry Food Safe and Dependable

● **Extreme Cold Resistant Cable Ties (Medium Impact)**

• Minimum Installation Temp: -20°C (-4°F), Nylon 6.6 material base

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-M-100-4-ECR	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1 kgs, 18lbs
CL-I-150-6-ECR	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	180N, 18.3 kgs, 40lbs
CL-I-200-8-ECR	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"	
CL-S-200-8-ECR	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	222N, 22.7 kgs, 50lbs
CL-S-300-12-ECR	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	
CL-S-370-15-ECR	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"	
CL-HD-370-14-ECR	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	540N, 55.1 kgs, 120lbs



● **Extreme Cold Resistant Cable Ties (High Impact)**

• Minimum Installation Temp: -40°C (-40°F), Nylon 6.6 material base

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-M-100-4-ICR	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1 kgs, 18lbs
CL-I-150-6-ICR	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	180N, 18.3 kgs, 40lbs
CL-I-200-8-ICR	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"	
CL-S-200-8-ICR	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	222N, 22.7 kgs, 50lbs
CL-S-300-12-ICR	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	
CL-S-370-15-ICR	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"	
CL-HD-370-14-ICR	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	540N, 55.1 kgs, 120lbs

● **Releasable Cable Ties**

• Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-R-I-100-4	3.6 x 100 mm	4.0	3.5 - 22.6 mm	0.14 - 0.89"	180N, 18.3 kgs, 40lbs
CL-R-S-160-6	4.8 x 160 mm	2.0	3.5 - 41.9 mm	0.14 - 1.65"	222N, 22.7 kgs, 50lbs
CL-R-S-200-8	4.8 x 200 mm	8.0	3.5 - 54.8 mm	0.14 - 2.16"	
CL-R-S-250-10	4.8 x 250 mm	9.8	3.5 - 65.0 mm	0.14 - 2.56"	
CL-R-S-300-12	4.8 x 300 mm	11.8	3.5 - 88.1 mm	0.14 - 3.47"	
CL-R-S-380-15	4.8 x 380 mm	15.0	3.5 - 111.0 mm	0.14 - 4.37"	



● **High Temperature Resistant Cable Ties**

- Material: Natural: Polyamide 46
- Flammability of raw material : UL 94 - V2
- Humidity absorption: 2,7% - 2,8% (23°C -50%RH)
- Working (Operation) Temperature: -40°C - + 130°C (-40°F - + 266°F), Max: 150°C(302°F)
- Min Installation Temperature: -10°C (14°F)
- Good resistance to bases, oils, greases, oil derivatives, chloride solvents.
- Limited resistance to acids. Not resistant to phenols.
- REACH, ROHS, PAHS Compliance.



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-M-100-4-HT	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1 kgs, 18lbs	21
CL-I-150-6-HT	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	180N, 18.3 kgs, 40lbs	
CL-I-200-8-HT	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"		
CL-S-200-8-HT	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	222N, 22.7 kgs, 50lbs	
CL-S-300-12-HT	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"		
CL-S-370-15-HT	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"		
CL-HD-370-14-HT	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	540N, 55.1 kgs, 120lbs	

● **Screw Mounted Cable Ties**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Fastener
CL-MT-M-110-4	2.5 x 110 mm	4.3	3.0 - 19.0 mm	0.12 - 0.75"	80N, 8.1 kgs, 18lbs	M2.5 (4#)
CL-MT-I-150-6	3.6 x 150 mm	6.0	3.5 - 39.5 mm	0.14 - 1.56"	180N, 18.3 kgs, 40lbs	M4 (8#)
CL-MT-S-160-6	4.8 x 160 mm	6.3	3.5 - 36.8 mm	0.14 - 1.45"	222N, 22.7 kgs, 50lbs	M5 (10#)
CL-MT-S-200-8	4.8 x 200 mm	8.0	3.5 - 49.8 mm	0.14 - 1.96"		
CL-MT-S-300-12	4.8 x 300 mm	11.8	3.5 - 82.8 mm	0.14 - 3.26"		
CL-MT-S-370-15	4.8 x 370 mm	14.5	3.5 - 103.8 mm	0.14 - 4.09"		
CL-MT-HD-300-12	7.6 x 300 mm	11.8	8.5 - 78.7 mm	0.33 - 3.10"	540N, 55.1 kgs, 120lbs	M6 (1/4#)
CL-MT-HD-400-15	7.6 x 400 mm	15.7	8.5 - 109.2 mm	0.33 - 4.30"		



● **Reusable Cable Ties**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-R-SH-150-6	7.6 x 150 mm	6.0	10.0 - 40.3 mm	0.39 - 1.59"	222N, 22.7 kgs, 50lbs	21
CL-R-SH-200-8	7.6 x 200 mm	8.0	10.0 - 55.6 mm	0.39 - 2.19"		
CL-R-SH-250-10	7.6 x 250 mm	9.8	10.0 - 66.7 mm	0.39 - 2.63"		
CL-R-SH-300-12	7.6 x 300 mm	11.8	10.0 - 82.0 mm	0.39 - 3.23"		
CL-R-SH-370-14	7.6 x 370 mm	14.5	10.0 - 104.3 mm	0.39 - 4.11"		
CL-R-SH-540-21	7.6 x 540 mm	21.3	10.0 - 158.4 mm	0.39 - 6.24"		



● **Extern Cable Ties**

- Nylon 6.6 material / Polyamide 12



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-E-HD-180-7	9.0 x 180 mm	7.0	20.0 - 40.0 mm	0.79 - 1.57"	400N, 40.8 kgs, 88lbs
CL-E-HD-265-10	9.0 x 265 mm	10.4	20.0 - 62.0 mm	0.79 - 2.44"	540N, 55.1 kgs, 120lbs
CL-E-HD-300-12	9.0 x 300 mm	11.8	20.0 - 80.0 mm	0.79 - 3.15"	
CL-E-HD-360-14	9.0 x 360 mm	14.0	20.0 - 93.0 mm	0.79 - 3.66"	
CL-E-HD-510-20	9.0 x 510 mm	20.0	20.0 - 140.0 mm	0.79 - 5.51"	
CL-E-HD-760-30	9.0 x 760 mm	30.0	20.0 - 220.0 mm	0.79 - 8.66"	



● **Double Loop Cable Ties**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-D-S-200-8	4.8 x 200 mm	8.0	3.5 - 57.1 mm	0.14 - 2.25"	222N, 22.7 kgs, 50lbs
CL-D-S-300-12	4.8 x 300 mm	11.8	3.5 - 85.3 mm	0.14 - 3.36"	

● **75 lbs Cable Ties**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-75S-200-8	4.8 x 200 mm	8.0	3.0 - 50.0 mm	0.12 - 1.97"	334N, 34.1kgs, 75lbs	21, 21S
CL-75S-280-11	4.8 x 280 mm	11.0	3.0 - 70.0 mm	0.12 - 2.76"		
CL-75S-360-14	4.8 x 360 mm	14.0	3.0 - 102.0 mm	0.12 - 4.02"		

● **Polypropylene Cable ties**

- Polypropylene, Flammability of raw material: UL94 HB
- High impact strength
- Excellent resistance to low temperature brittleness
- Good stiffness
- Resin meets the FDA requirements in the code of Federal regulations in 21 CFR 177.1520 for food contact.
- Working (Operation) Temperature: -20°C - + 75°C (-4°F -+ 167°F)

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-M-100-4-PP	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	50N, 5.1 kgs, 11lbs
CL-J-150-6-PP	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	80N, 8.1 kgs, 18lbs
CL-J-200-8-PP	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"	
CL-S-200-8-PP	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	135N, 13.8 kgs, 30lbs
CL-S-300-12-PP	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	
CL-S-370-15-PP	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"	230N, 23.4 kgs, 50lbs
CL-HD-370-14-PP	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	

● **Chassis Cable Ties**

- Nylon 6.6 material, high impact and heat stabilised
- Button style head sits on reverse of panel and allows tie to be secured forming a loop. Allows pipe or cable bundles to be fixed to a panel using a single hole.

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-BTR-S-200-8	7.6 x 200 mm	8.0	8.5 - 50.9 mm	0.33 - 2.00"	540N, 55.1 kgs, 120lbs
CL-BTR-S-300-12	7.6 x 300 mm	11.8	8.5 - 82.8 mm	0.33 - 3.26"	
CL-BTR-S-370-14	7.6 x 370 mm	14.0	8.5 - 103.5 mm	0.33 - 4.07"	
CL-BTS-S-370-14	7.6 x 370 mm	14.0	8.5 - 103.5 mm	0.33 - 4.07"	

● **Clamp Head Cable Ties**

- Nylon 6.6 material

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-CH-M-100-4	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8.1 kgs, 18lbs
CL-CH-S-200-8	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	230N, 23.4 kgs, 50lbs



● **UL 181B Listed HVAC Cable Ties**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-HVAC-610-24	9.0 x 610 mm	24.0	8.5 - 181.5 mm	0.33 - 7.15"	780N, 79.6 kgs, 175lbs
CL-HVAC-920-36	9.0 x 920 mm	36.0	8.5 - 280.0 mm	0.33 - 11.02"	
CL-HVAC-1220-48	9.0 x 1220 mm	48.0	8.5 - 375.5 mm	0.33 - 14.78"	



● **Lashing Cable Ties**

- Nylon 6.6 material
- Available in releasable type

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-L-HSD-590-23	12.4 x 590 mm	23.2	9.0 - 165.0 mm	0.35 - 6.50"	1200N, 122.4 Kgs, 250lbs



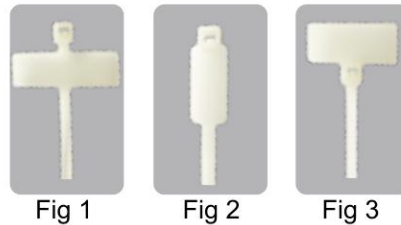
● **Marker Cable Ties**

- Nylon 6.6 material

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Fig
CL-M-M-100-4	2.5 x 100 mm	4.0	3.0 - 22.0 mm	0.12 - 0.87"	80N, 8,1 kgs, 18lbs	1
CL-M-M-200-8	2.5 x 200 mm	8.0	3.0 - 53.9 mm	0.12 - 2.12"	80N, 8,1 kgs, 18lbs	1
CL-M-S-190-8	4.8 x 190 mm	7.9	3.5 - 50.9 mm	0.14 - 2.00"	230N, 23.4 kgs, 50lbs	2
CL-M-S-300-12	4.8 x 300 mm	11.8	3.5 - 84.4 mm	0.14 - 3.32"	230N, 23.4 kgs, 50lbs	2
CL-M-S-370-14	4.8 x 370 mm	14.5	3.5 - 106.7 mm	0.14 - 4.20"	230N, 23.4 kgs, 50lbs	2
CL-M-M-110-4	2.5 x 110 mm	4.3	3.0 - 22.6 mm	0.12 - 0.89"	80N, 8,1 kgs, 18lbs	3



Item No.	Write Area	Write Area
CL-M-M-100-4	7.75 x 24.5 mm	0.30 x 0.95"
CL-M-M-200-8	7.75 x 24.5 mm	0.30 x 0.95"
CL-M-S-190-8	12.9 x 27 mm	0.50 x 1.05"
CL-M-S-300-12	12.9 x 27 mm	0.50 x 1.05"
CL-M-S-370-14	12.9 x 27 mm	0.50 x 1.05"
CL-M-M-110-4	9.0 x 20 mm	0.35 x 0.78"



● **Beaded Cable Ties**

- Nylon 6.6 material

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Fig
CL-BD-100-4	100 mm	4.0	25.0 mm	0.98"	1
CL-BD-150-6	150 mm	6.0	36.0 mm	1.41"	2
CL-BD-200-8	200 mm	8.0	51.9 mm	2.04"	2



● **Double Loop Beaded Cable Ties**

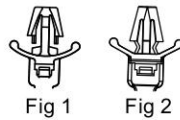
- Nylon 6.6 material

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-DBL-210-8	4.5 x 210 mm	8.0	8.0 - 53.5 mm	0.31 - 2.11"	230N, 23.4 kgs, 50lbs
CL-DBL-310-12	4.5 x 310 mm	12.0	8.0 - 83.8 mm	0.31 - 3.30"	
CL-DBL-460-18	6.5 x 460 mm	18.0	8.0 - 129.5 mm	0.31 - 5.10"	540N, 55.1 kgs, 120lbs
CL-DBL-610-24	6.5 x 610 mm	24.0	8.0 - 175.2 mm	0.31 - 6.90"	



● **Wing Push Mount Cable Ties**

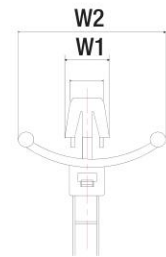
- Nylon 6.6 material
- Other material upon request



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Fig
CL-WPT-M-100-4	2.5 x 100 mm	4.0	3.0 - 21.0 mm	0.12 - 0.83"	80N, 8,1 kgs, 18lbs	1
CL-WPT-M-110-4	2.5 x 110 mm	4.3	3.0 - 24.5 mm	0.12 - 0.96"		2
CL-WPT-M-110-4X	3.0 x 110 mm	4.3	3.0 - 21.0 mm	0.12 - 0.83"	180N, 18.3 kgs, 40lbs	1
CL-WPT-J-150-6	3.6 x 150 mm	6.1	3.5 - 36.9 mm	0.14 - 1.45"		1
CL-WPT-S-100-4	4.8 x 100 mm	4.0	3.5 - 21.0 mm	0.14 - 0.83"	230N, 23.4 kgs, 50lbs	1
CL-WPT-S-130-5	4.8 x 130 mm	6.1	3.5 - 30.2 mm	0.14 - 1.19"		1
CL-WPT-S-167-6*	4.8 x 167 mm	6.6	3.5 - 37.0 mm	0.14 - 1.46"		1
CL-WPT-S-200-8*	4.8 x 200 mm	8.0	3.5 - 49.6 mm	0.14 - 1.95"		2



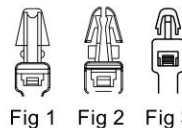
Item No.	W1	W2	Max Panel Thickness	Suggest Hole Size
CL-WPT-M-100-4	5.5 mm / 0.22"	18.2 mm / 0.72"	3.0 mm / 0.12"	4.5 mm / 0.18" - 5.0 mm / 0.20"
CL-WPT-M-110-4	5.4 mm / 0.21"	13.1 mm / 0.52"	3.0 mm / 0.12"	4.0 mm / 0.16" - 4.5 mm / 0.18"
CL-WPT-M-110-4X	6.2 mm / 0.24"	14.1 mm / 0.56"	3.0 mm / 0.12"	4.0 mm / 0.16" - 4.5 mm / 0.18"
CL-WPT-J-150-6	5.4 mm / 0.21"	11.5 mm / 0.45"	3.0 mm / 0.12"	4.2 mm / 0.17" - 4.5 mm / 0.18"
CL-WPT-S-100-4	8.7 mm / 0.34"	19.8 mm / 0.78"	3.0 mm / 0.12"	6.2 mm / 0.24" - 6.5 mm / 0.26"
CL-WPT-S-130-5	8.7 mm / 0.34"	19.8 mm / 0.78"	3.0 mm / 0.12"	6.2 mm / 0.24" - 6.5 mm / 0.26"
CL-WPT-S-167-6	9.5 mm / 0.37"	18.3 mm / 0.72"	3.0 mm / 0.12"	6.2 mm / 0.24" - 6.5 mm / 0.26"
CL-WPT-S-200-8	7.6 mm / 0.30"	17.8 mm / 0.70"	3.0 mm / 0.12"	6.2 mm / 0.24" - 6.5 mm / 0.26"



The item marked with * is available in releasable version

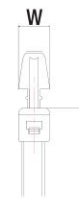
● **Push Mount Cable Ties**

- Nylon 6.6 material
- Other material upon request



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Fig
CL-PT-150-6-F1	3.6 x 150 mm	6.0	3.5 - 37.9 mm	0.14 - 1.49"	180N, 18.3 kgs, 40lbs	1
CL-PT-150-6-F2	3.6 x 150 mm	6.0	3.5 - 37.9 mm	0.14 - 1.49"		2
CL-PT-200-8-F1	4.8 x 200 mm	8.0	3.5 - 50.8 mm	0.14 - 2.00"	230N, 23.4 kgs, 50lbs	1
CL-PT-200-8-F2	4.8 x 200 mm	8.0	3.5 - 50.8 mm	0.14 - 2.00"		2
CL-PT-225-9	4.8 x 225 mm	8.8	6.0 - 58.0 mm	0.24 - 2.28"		3

Item No.	W	Max Panel Thickness	Suggest Hole Size
CL-PT-150-6-F1	5.8 mm / 0.23"	2.5 mm / 0.10"	4.5 mm / 0.18"
CL-PT-150-6-F2	6.6 mm / 0.26"	2.5 mm / 0.10"	4.5 mm / 0.18"
CL-PT-200-8-F1	7.0 mm / 0.28"	3.5 mm / 0.14"	5.9 mm / 0.23"
CL-PT-200-8-F2	7.8 mm / 0.31"	3.5 mm / 0.14"	5.9 mm / 0.23"
CL-PT-225-9	6.1 mm / 0.24"	2.2 mm / 0.09"	4.8 mm / 0.19"



● **Double Loop Beaded Cable Ties**

- Polyethylene Material, Flammability of raw material: UL94 HB
- Excellent resistance to low temperature brittleness
- Good stiffness
- Working (Operation Temperature): -10° C - +60° C (14° C - +140° F)

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-DBLPE-185-7	5.0 x 185 mm	7.3	8.0 - 46.1 mm	0.31 - 1.81"	160N, 16.3 kgs, 35lbs
CL-DBLPE-235-9	5.0 x 235 mm	9.3	8.0 - 62.1 mm	0.31 - 2.44"	
CL-DBLPE-315-12	5.0 x 315 mm	12.4	8.0 - 87.6 mm	0.31 - 3.45"	
CL-DBLPE-500-19	7.5 x 500 mm	19.7	8.0 - 136.9 mm	0.31 - 5.39"	350N, 35.7 kgs, 80lbs
CL-DBLPE-650-26	7.5 x 650 mm	25.6	8.0 - 184.7 mm	0.31 - 7.27"	



● **Solar (PA12) Cable Ties**

Main Features:

- Low Humidity absorption: less than 1%
- UV and heat stabilised (life time to be supposed with 24 years)
- Excellent performance in challenging environments such as offshore, oil rigs, melting snow and freezing cold
- Material: Polyamide 12
- Operation Temperature: -40°C to +85°C (-40°F to +185°F)
- Minimum Installation Temperature: -30°C (-22°F)
- Flammability: UL94 HB

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-PA12-M-100-4	2.5 x 100 mm	4.0	3.0 - 20.5 mm	0.12 - 0.81"	80N, 8,1 kgs, 18lbs
CL-PA12-I-150-6	3.6 x 150 mm	6.0	3.5 - 36.0 mm	0.14 - 1.42"	180N, 18.3 kgs, 40lbs
CL-PA12-I-200-8	3.6 x 200 mm	8.0	3.5 - 52.5 mm	0.14 - 2.07"	
CL-PA12-S-200-8	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"	230N, 23.4 kgs, 50lb
CL-PA12-S-300-12	4.8 x 300 mm	11.8	3.5 - 81.0 mm	0.14 - 3.19"	
CL-PA12-S-370-15	4.8 x 370 mm	14.5	3.5 - 103.5 mm	0.14 - 4.07"	
CL-PA12-HD-370-14	7.6 x 370 mm	14.5	8.5 - 103.5 mm	0.33 - 4.07"	540N, 55.1 kgs, 120lbs
CL-PA12-HD-610-24	7.6 x 610 mm	24.0	6.0 - 181.5 mm	0.33 - 7.15"	



● **Out-Serration Cable Ties**

Main Features:

- The teeth is outside after bundling, it could protect the cable.
- Material suggested
- Polyamide 6.6, heat stabilised (PA66HS)
(available with standard Polyamide 6.6, UV black Polyamide 6.6)
- Operation Temperature
- Heat stabilised (PA66HS): -40°C to +115°C (-40°F to +239°F)
- Polyamide 6.6 standard and UV-stabilised (PA66UV): -40°C to +85°C (-40°F to +185°F)

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-OS-M-100-4	2.5 x 100 mm	4.0	1.5 - 20.5 mm	0.06 - 0.81"	80N, 8,1 kgs, 18lbs
CL-OS-I-140-5	3.6 x 140 mm	6.0	2.0 - 33.0 mm	0.08 - 1.30"	180N, 18.3 kgs, 40lbs
CL-OS-I-200-8	3.6 x 200 mm	8.0	2.0 - 52.5 mm	0.08 - 2.07"	
CL-OS-S-200-8	4.8 x 200 mm	8.0	3.0 - 52.5 mm	0.12 - 2.07"	230N, 23.4 kgs, 50lbs
CL-OS-S-250-10	4.8 x 250 mm	9.8	3.0 - 65.0 mm	0.12 - 2.56"	
CL-OS-S-300-12	4.8 x 300 mm	11.8	3.0 - 81.0 mm	0.12 - 3.19"	
CL-OS-S-370-15	4.8 x 370 mm	14.5	3.0 - 103.5 mm	0.12 - 4.07"	
CL-OS-HD-370-14	7.6 x 370 mm	14.5	5.0 - 103.5 mm	0.20 - 4.07"	540N, 55.1 kgs, 120lbs



● **Cable Ties Position admited into 90 area**

Main Features:

- Pre-assembled 2-piece cable ties
- Cable Ties could be rotated max to 90 degree to wrap the cable
- Suggested material: Polyamide 6.6, heat stabilised (PA66HS)
Alternative: Polyamide 6.6, high impact modified, heat stabilised (PA66HIRHS)
(available with standard Polyamide 6.6, UV black Polyamide 6.6)
- Operation Temperature
- Heat stabilised (PA66HS): -40°C to +115°C (-40°F to +239°F)
- Polyamide 6.6, high impact modified, heat stabilised (PA66HIRHS) -40°C to +115°C (-40°F to +239°F)
- Polyamide 6.6 standard and UV-stabilised (PA66UV): -40°C to +85°C (-40°F to +185°F)

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-R90-S-200-8	4.8 x 200 mm	8.0	3.0 - 49.0 mm	0.12 - 1.93"	230N, 23.4 kgs, 50lbs
CL-R90-S-300-12	4.8 x 300 mm	11.8	3.0 - 81.0 mm	0.12 - 3.19"	



● **Twist and Cut Cable Ties**

Main Features:

- Twist and Cut, no tool needed
- Nylon 6.6 material

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-TC-S-200-8	4.2 x 200 mm	8.0	5.0 - 50.8 mm	0.20 - 2.00"	230N, 23.4 kgs, 50lbs
CL-TC-S-280-11	4.2 x 280 mm	11.0	5.0 - 76.2 mm	0.20 - 3.00"	



● **In-Line Lock Cable Ties**

Main Features:

- For kids playground
- Nylon 6.6 material

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength
CL-ILP-400-16	8.9 x 400 mm	15.7	15.0 - 115.0 mm	0.59 - 4.53"	540N, 55.1 kgs, 120lbs



● **Edge Clip Cable Ties**

Main Features:

- Pre-assembled 2-piece fixing tie with Edge Clip
- Cable tie head can be moved after bundling
- These cable ties and Edge Clip assemblies are ideal for use where holes are not acceptable or where due to temperature problems adhesives will fail. These assemblies are widely used for fixing and bundling cables, pipes and hoses within the automotive industry, harness making, panel building and electrical industry.

• Material:

Cable Ties: Polyamide 6.6, heat stabilised (PA66HS)

Foot part: Polyamide 6.6, high impact modified, heat stabilised (PA66HIRHS)

• Operation Temperature

Heat stabilised (PA66HS): -40°C to +115°C (-40°F to +239°F)

*(available with standard Polyamide 6.6, UV black Polyamide 6.6)



Style H



Style V

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Fig	Panel Thickness
CL-HFC3-S-200-8	4.8 x 200 mm	8.0	3.0 - 49.5 mm	0.12 - 1.95"	230N, 23.4 kgs, 50lbs	H	1-3 mm
CL-HFC3-S-280-11	4.8 x 280 mm	11.0	3.0 - 74.8 mm	0.12 - 2.94"		H	1-3 mm
CL-HFC3-S-360-14	4.8 x 360 mm	14.0	3.0 - 100.0 mm	0.12 - 3.94"		H	1-3 mm
CL-VFC3-S-200-8	4.8 x 200 mm	8.0	3.0 - 49.5 mm	0.12 - 1.95"		V	1-3 mm
CL-VFC3-S-280-11	4.8 x 280 mm	11.0	3.0 - 74.8 mm	0.12 - 2.94"		V	1-3 mm
CL-VFC3-S-360-14	4.8 x 360 mm	14.0	3.0 - 100.0 mm	0.12 - 3.94"		V	1-3 mm
CL-VFC6-S-200-8	4.8 x 200 mm	8.0	3.0 - 49.5 mm	0.12 - 1.95"		V	3-6 mm
CL-VFC6-S-280-11	4.8 x 280 mm	11.0	3.0 - 74.8 mm	0.12 - 2.94"		V	3-6 mm
CL-VFC6-S-360-14	4.8 x 360 mm	14.0	3.0 - 100.0 mm	0.12 - 3.94"		V	3-6 mm

Out Serration Version is available upon request, Edge Clip could be separately sold

● **Fir-Tree Cable Ties**

- Nylon 6.6 material
- Available in heat stabilised Nylon 6.6

Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Fig
CL-FT-S-210-8	4.8 x 210 mm	8.3	3.5 - 49.5 mm	0.14 - 1.95"	230N, 23.4 kgs, 50lbs	1
CL-FT-S-200-8X	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"		2
CL-FT-S-200-8S	4.8 x 200 mm	8.0	3.5 - 49.5 mm	0.14 - 1.95"		2



Fig 1



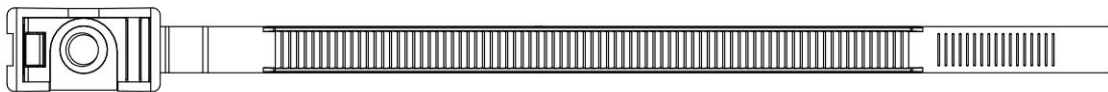
Fig 2

Item No.	Min Hole Size	Panel Thickness
CL-FT-S-210-8	6.35 mm / 0.25"	1.25 mm / 0.05" - 6.35 mm / 0.25"
CL-FT-S-200-8X	6.35 mm / 0.25"	1.25 mm / 0.05" - 7.50 mm / 0.30"
CL-FT-S-200-8S	6.35 mm / 0.25"	1.25 mm / 0.05" - 7.00 mm / 0.28"

● **Clamp Mount Cable ties**

Main Features:

- Screw in Mount
- Nylon 6.6 material



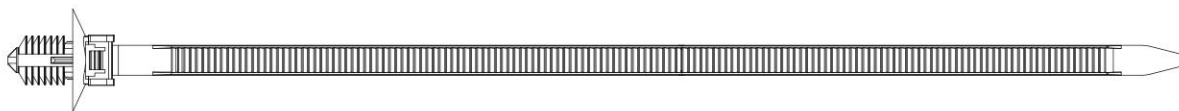
Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Screw
CL-CM-HD-180-7	7.7 x 180 mm	7.0	10.0 - 40.0 mm	0.39 - 1.57"	400N, 40.8 kgs, 88lbs	M6
CL-CM-HD-285-11	7.7 x 285 mm	11.0	12.0 - 70.0 mm	0.47 - 2.76"		

● **Umbrella Style Fir-Tree Cable Ties**

Main Features:

- Nylon 6.6 material

Available in Heat Stabilised Material, Impact Heat Stabilised Material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Hole Size	Panel Thickness
CL-FTU-S-167-6	4.8 x 167 mm	6.6	3.0 - 35.0 mm	0.12 - 1.38"	230N, 23.4 kgs, 50lbs	6.5 mm / 0.25"	1.00 mm / 0.04" - 8.00 mm / 0.32"
CL-FTU-S-190-8	4.8 x 188 mm	7.4	3.0 - 45.0 mm	0.12 - 1.77"		6.5 mm / 0.25"	1.00 mm / 0.04" - 6.00 mm / 0.24"

● **Screw in Double Loop Mounting Cable Ties**

Main Features:

- Nylon 6.6 material

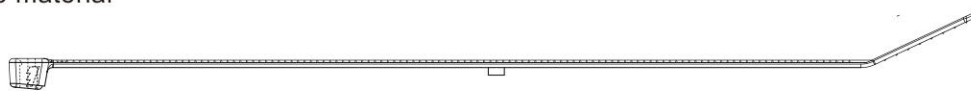
Available in Heat Stabilised Material, Impact Heat Stabilised Material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	Hole Size
CL-DM-340-13	12.6 x 340 mm	13.4	39.0 mm	1.54 mm	667N, 68.1 Kgs, 150lbs	6.35 mm / 0.26"
CL-DM-500-20	12.6 x 500 mm	19.7	64.0 mm	2.52 mm		6.35 mm / 0.26"

● **Fixed Bundle Diameter Cable Ties**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-FB-I-150-6	3.6 x 150 mm	6.0	Fix at 23mm	Fix at 0.9"	180N, 18.3 kgs, 40lbs	21

● **Extend Head Cable Ties (Security Purpose)**

- Nylon 6.6 material



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-EXH-I-140-5	3.6 x 140 mm	5.5	3.5 - 33.0 mm	0.14 - 1.30"	180N, 18.3 kgs, 40lbs	21

● **Cable Ties Mounts Pad in Nylon**

- Material: Polyamide 6.6
- 3M adhesive is available upon special request.
- Can be screwed if without adhesive

Item No.	Width X Length	Length (in)	For Cable Tie Max	For Cable Tie Max
CL-MP-12.5-1/2	12.5 x 12.5 mm	1/2	3.6 mm	0.14"
CL-MP-20-3/4	19 x 19 mm	3/4	3.6 mm	0.14"
CL-MP-26-1	26 x 26 mm	1.0	7.6 mm	0.30"
CL-MP-30-1	28 x 28 mm	1.1	4.8 mm	0.19"
CL-MP-40-1.5	40 x 40 mm	1-1/2	9.0 mm	0.35"



● **Cable Ties Mounts Pad in ABS**

- Material: Acrylonitrile Butadiene Styren (ABS)
- 3M adhesive is available upon special request.

Item No.	Width X Length	Length (in)	For Cable Tie Max	For Cable Tie Max
CL-MPABS-20-3/4	20 x 20 mm	3/4	3.6 mm	0.14"
CL-MPABS-25-1	25 x 25 mm	1.0	4.8 mm	0.19"
CL-MPABS-30-1.2	30 x 30 mm	1-1/5	7.6 mm	0.30"
CL-MPABS-40-1.5	40 x 40 mm	1-1/2	9.0 mm	0.35"



● **Cable Ties Mount Plug**

- Material: Polyamide 6.6 + 6

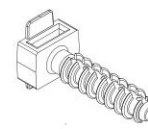
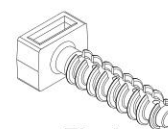


Fig 1

Fig 2

Item No.	Width X Length	Width X Length	For Cable Tie Max	For Cable Tie Max	Dril Hole	Fig
CL-CTP-81381	8.1 x 38.1 mm	0.32 x 1.50"	9.0 mm	0.35"	6 mm / 0.24"	1
CL-CTP-10643	10.6 x 43.0 mm	0.42 x 1.69"	9.0 mm	0.35"	8 mm / 0.31"	1
CL-CTP-81400E	8.10 x 40.0 mm	0.43 x 1.57"	9.0 mm	0.35"	8 mm / 0.31"	2
CL-CTP-108406E	10.8 x 40.6 mm	0.43 x 1.60"	9.0 mm	0.35"	8 mm / 0.31"	2

● **Screw Mounts**

- Material: Polyamide 6.6

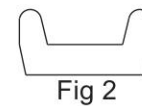
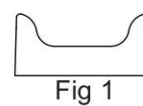


Fig 1

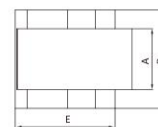
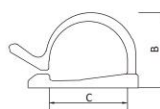
Fig 2

Fig 3

Item No.	Width X Length Height	Width X Length Height	For Cable Tie Max	Screw	Fig
CL-SC-M3S	16.0 x 10.7 x 7.0	0.63 x 0.42 x 0.28"	3.6 mm / 0.14"	#6 (M3)	1
CL-SC-M3	17.6 x 12.9 x 8.3	0.69 x 0.51 x 0.33"	4.8 mm / 0.19"	#6 (M3)	1
CL-SC-M4	21.3 x 15.3 x 10.5	0.84 x 0.60 x 0.41"	7.6 mm / 0.30"	#8 (M4)	1
CL-SC-M5S	21.9 x 10.0 x 11.0	0.86 x 0.39 x 0.43"	7.6 mm / 0.30"	#10 (M5)	2
CL-SC-M5	21.3 x 15.3 x 10.5	0.84 x 0.60 x 0.41"	7.6 mm / 0.30"	#10 (M5)	1
CL-SC-M5X	25.8 x 10.1 x 11.5	1.02 x 0.40 x 0.45"	9.0 mm / 0.35"	#10 (M5)	1
CL-SC-M5T	23.0 x 13.6 x 17.5	17.5 x 0.91 x 0.54"	9.0 mm / 0.35"	#10 (M5)	3

● **Adhesive Cable Clamp**

- Material: Polyamide 6.6
- 3M adhesive is available upon special request.



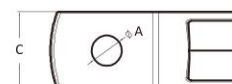
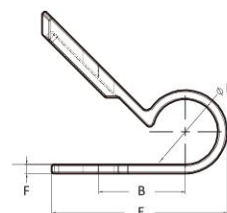
Adhesive Cable Clamp

Item No.	Dimensions (mm)					Dimensions (in)					Max Dia
	A	B	D	D	E	A	B	D	D	E	
CL-CC-06-1/4	9.5	7.8	6.0	18.5	18.5	0.37	0.31	0.24	0.73	0.73	5 mm / 0.20"
CL-CC-12-1/2	12.0	11.5	11.9	26.0	26.0	0.47	0.45	0.47	1.02	1.02	8 mm / 0.31"
CL-CC-12-3/4	15.4	17.1	18.1	25.0	26.0	0.61	0.67	0.71	0.98	1.02	16 mm / 0.63"



● **Nylon P Clamp**

- Designed to hold cables, tubes, and components in domestic appliance, electronics and electric apparatus generally.
- Interior edges are radiused to protect cable insulation
- To apply, just clamp down on loosen cables and screw it to chassis.
- Material: Polyamide 6.6
- Flammability of raw material : UL 94 - V2
- Humidity absorption: 2,7% - 2,8% (23°C -50%RH)
- Working (Operation) Temperature: -40°C - + 85°C (-40°F - + 185°F)
- Min Installation Temperature: -10°C (14°F)
- Max sustainable temperature for short time: +110°C (230°F)
- Good resistance to bases, oils, greases, oil derivates, chloride solvents. Limited resistance to acids. Not resistant to phenols.
- REACH, ROHS, PAHS Compliance.



Item No.	A	B	C	Bundle Dia.	E	F	A	B	C	Bundle Dia.	E	F
				D						D		
CL-PC-1/8	4.0 mm	8.0 mm	9.6 mm	3.0 mm	16.9 mm	1.2 mm	0.16"	0.31"	0.38"	0.12"	0.67"	0.05"
CL-PC-3/16	4.0 mm	9.2 mm	9.6 mm	5.3 mm	18.5 mm	1.2 mm	0.16"	0.36"	0.38"	0.21"	0.73"	0.05"
CL-PC-1/4	4.0 mm	10.4 mm	10.1 mm	6.8 mm	20.0 mm	1.2 mm	0.16"	0.41"	0.40"	0.27"	0.79"	0.05"
CL-PC-5/16	4.0 mm	11.2 mm	10.0 mm	8.4 mm	22.6 mm	1.2 mm	0.16"	0.44"	0.39"	0.33"	0.89"	0.05"
CL-PC-3/8	5.0 mm	12.5 mm	12.3 mm	10.8 mm	26.6 mm	1.4 mm	0.20"	0.49"	0.48"	0.43"	1.05"	0.06"
CL-PC-1/2	5.0 mm	14.8 mm	12.1 mm	13.8 mm	30.3 mm	1.4 mm	0.20"	0.58"	0.48"	0.54"	1.19"	0.06"
CL-PC-5/8	5.0 mm	15.8 mm	12.4 mm	17.4 mm	32.6 mm	1.4 mm	0.20"	0.62"	0.49"	0.69"	1.28"	0.06"
CL-PC-3/4	5.0 mm	18.0 mm	11.8 mm	19.9 mm	37.3 mm	1.4 mm	0.20"	0.71"	0.46"	0.78"	1.47"	0.06"
CL-PC-7/8	5.0 mm	19.5 mm	12.0 mm	23.6 mm	40.4 mm	1.4 mm	0.20"	0.77"	0.47"	0.93"	1.59"	0.06"
CL-PC-1	5.0 mm	21.0 mm	12.0 mm	27.2 mm	43.4 mm	1.4 mm	0.20"	0.83"	0.47"	1.07"	1.71"	0.06"
CL-PC-1-1/4	5.0 mm	26.0 mm	12.0 mm	33.8 mm	52.3 mm	1.6 mm	0.20"	1.02"	0.47"	1.33"	2.06"	0.06"
CL-PC-1-1/2	5.0 mm	27.8 mm	12.5 mm	41.9 mm	58.3 mm	1.5 mm	0.20"	1.09"	0.49"	1.65"	2.30"	0.06"

Cable Ties Tool

● **Cable Ties Tension Tool**

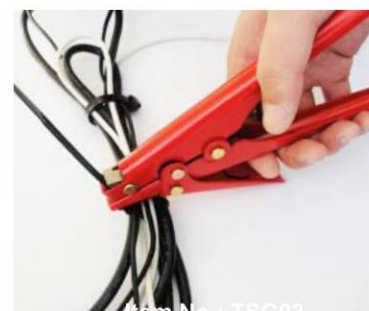
Please choose a right tool upon your demand



Item No.: TSG01



Item No.: TSG02



Item No.: TSG03

Economy one, for ties up to 4.8mm (50lb) Suggested one, for ties up to 4.8mm (50lb) For Heavy Duty Ties up to 9.0mm (175lb)

● **Ball Lock Stainless Steel Cable Ties**

- Designed to hold cables, tubes, and components in domestic appliance, electronics and electric
- Self-locking head design speeds installation and locks into place at any length along tie body
- Provides a strong, durable method of cable bundling
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial)
- Smooth surfaces and rounded edges assures cable protection and worker safety
- Provide the ultimate support for network cables
- Material:
 - 304 stainless steel for general-purpose applications
 - 316 stainless steel for the most corrosive environments
- Working (Operation) Temperature: -80°C - + 538°C (-112°F - + 1000°F)
- Min Installation Temperature: -60°C (-76°F)
- Any Length is available
- Water absorption: none
- Flammability: non-flammable
- Ultraviolet resistance: excellent, Chemical resistance: excellent
- UL (Underwriters Laboratories) : File E258930 based newest standard UL62275
- EN45545-2 approved



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-SS-S-125-5	4.6 x 125 mm	5.0	15.0 - 38.0 mm	0.59 - 1.50"	890N, 90.8 kgs, 200lbs	2
CL-SS-S-150-6	4.6 x 150 mm	6.0	15.0 - 46.0 mm	0.59 - 1.81"		
CL-SS-S-200-8	4.6 x 200 mm	8.0	15.0 - 61.9 mm	0.59 - 2.44"		
CL-SS-S-260-10	4.6 x 260 mm	10.0	15.0 - 81.0 mm	0.59 - 3.19"		
CL-SS-S-290-11	4.6 x 290 mm	11.5	15.0 - 90.6 mm	0.59 - 3.57"		
CL-SS-S-360-14	4.6 x 360 mm	14.0	15.0 - 112.8 mm	0.59 - 4.44"		
CL-SS-S-520-21	4.6 x 520 mm	20.5	15.0 - 163.8 mm	0.59 - 6.45"		
CL-SS-S-680-27	4.6 x 680 mm	27.0	15.0 - 214.8 mm	0.59 - 8.46"		
CL-SS-S-840-33	4.6 x 840mm	33.0	15.0 - 265.7 mm	0.59 - 10.46"		
CL-SS-H-200-8	7.9 x 200 mm	8.0	15.0 - 61.9 mm	0.59 - 2.44"	1600N, 163 kgs, 350lbs	2
CL-SS-H-260-10	7.9 x 260 mm	10.0	15.0 - 81.0 mm	0.59 - 3.19"		
CL-SS-H-290-11	7.9 x 290 mm	11.5	15.0 - 90.6 mm	0.59 - 3.57"		
CL-SS-H-360-14	7.9 x 360 mm	14.0	15.0 - 112.8 mm	0.59 - 4.44"		
CL-SS-H-520-21	7.9 x 520 mm	20.5	15.0 - 163.8 mm	0.59 - 6.45"		
CL-SS-H-680-27	7.9 x 680 mm	27.0	15.0 - 214.8 mm	0.59 - 8.46"		
CL-SS-H-840-33	7.9 x 840mm	33.0	15.0 - 265.7 mm	0.59 - 10.46"		
CL-SS-EH-290-11	12 x 290 mm	11.5	15.0 - 90.6 mm	0.59 - 3.57"	2300N, 234 kgs, 500lbs	2
CL-SS-EH-360-14	12 x 360 mm	14.0	15.0 - 112.8 mm	0.59 - 4.44"		
CL-SS-EH-520-21	12 x 520 mm	20.5	15.0 - 163.8 mm	0.59 - 6.45"		
CL-SS-EH-680-27	12 x 680 mm	27.0	15.0 - 214.8 mm	0.59 - 8.46"		
CL-SS-EH-840-33	12 x 840mm	33.0	15.0 - 265.7 mm	0.59 - 10.46"		

● **Stainless Steel Cable Ties Mounts**

- Material: 316 Grade Stainless Steel
- A durable and strong cable tie mount, designed to compliment stainless steel cable ties. Available with either an M4 or M6 fixing hole to accommodate a wide range of fixing methods. We recommend the use of stainless steel

Item No.	Length	Width	Height	Length	Width	Height	Fixing Hoe	Max Tie Width
CL-SSTM4	29.2 mm	15.0 mm	5.2 mm	1.15"	0.59"	0.20"	4.2 mm / 0.17"	10.0 mm / 0.39"
CL-SSTM6	29.2 mm	15.0 mm	5.2 mm	1.15"	0.59"	0.20"	6.2mm / 0.24"	10.0 mm / 0.39"



● **Ball Lock Coated Stainless Steel Cable Ties**

- Self-locking head design speeds installation and locks into place at any length along tie body
- Provides a strong, durable method of cable bundling
- Can be used in a wide range of indoor, outdoor, and underground (including direct burial)
- Smooth surfaces and rounded edges assures cable protection and worker safety
- Provide the ultimate support for network cables
- Material:
 - 304 stainless steel for general-purpose applications
 - 316 stainless steel for the most corrosive environments
- Coated with Polyester for insulation purpose, and a better outdoor application
- Working (Operation) Temperature: -40°C - + 150°C (-40°F - + 302°F)
- Min Installation Temperature: -40°C (-40°F)
- Any Length is available
- Water absorption: none
- Flammability: non-flammable
- Ultraviolet resistance: excellent, Chemical resistance: excellent
- UL (Underwriters Laboratories) : File E258930 based newest standard UL62275
- Available color: Black, Yellow, Green, Red, Blue, White



Item No.	Width X Length	Length (in)	Bundle Diameter	Bundle Diameter	Tensile Strength	UL Type
CL-SSC-S-125-5	4.6 x 125 mm	5.0	15.0 - 38.0 mm	0.59 - 1.50"	890N, 90.8 kgs, 200lbs	21
CL-SSC-S-150-6	4.6 x 150 mm	6.0	15.0 - 46.0 mm	0.59 - 1.81"		
CL-SSC-S-200-8	4.6 x 200 mm	8.0	15.0 - 61.9 mm	0.59 - 2.44"		
CL-SSC-S-260-10	4.6 x 260 mm	10.0	15.0 - 81.0 mm	0.59 - 3.19"		
CL-SSC-S-290-11	4.6 x 290 mm	11.5	15.0 - 90.6 mm	0.59 - 3.57"		
CL-SSC-S-360-14	4.6 x 360 mm	14.0	15.0 - 112.8 mm	0.59 - 4.44"		
CL-SSC-S-520-21	4.6 x 520 mm	20.5	15.0 - 163.8 mm	0.59 - 6.45"		
CL-SSC-S-680-27	4.6 x 680 mm	27.0	15.0 - 214.8 mm	0.59 - 8.46"		
CL-SSC-S-840-33	4.6 x 840mm	33.0	15.0 - 265.7 mm	0.59 - 10.46"		
CL-SSC-H-200-8	7.9 x 200 mm	8.0	15.0 - 61.9 mm	0.59 - 2.44"	1600N, 163 kgs, 350lbs	21
CL-SSC-H-260-10	7.9 x 260 mm	10.0	15.0 - 81.0 mm	0.59 - 3.19"		
CL-SSC-H-290-11	7.9 x 290 mm	11.5	15.0 - 90.6 mm	0.59 - 3.57"		
CL-SSC-H-360-14	7.9 x 360 mm	14.0	15.0 - 112.8 mm	0.59 - 4.44"		
CL-SSC-H-520-21	7.9 x 520 mm	20.5	15.0 - 163.8 mm	0.59 - 6.45"		
CL-SSC-H-680-27	7.9 x 680 mm	27.0	15.0 - 214.8 mm	0.59 - 8.46"		
CL-SSC-H-840-33	7.9 x 840mm	33.0	15.0 - 265.7 mm	0.59 - 10.46"		
CL-SSC-FH-290-11	12 x 290 mm	11.5	15.0 - 90.6 mm	0.59 - 3.57"	2300N, 234 kgs, 500lbs	21
CL-SSC-FH-360-14	12 x 360 mm	14.0	15.0 - 112.8 mm	0.59 - 4.44"		
CL-SSC-FH-520-21	12 x 520 mm	20.5	15.0 - 163.8 mm	0.59 - 6.45"		
CL-SSC-FH-680-27	12 x 680 mm	27.0	15.0 - 214.8 mm	0.59 - 8.46"		
CL-SSC-FH-840-33	12 x 840mm	33.0	15.0 - 265.7 mm	0.59 - 10.46"		

● **Stainless Steel Cable Ties Maker**

- Material: 304 / 316 Grade Stainless Steel



Item No.	Length	Width	Length	Width	Max Tie Width
CL-SSM-9.5	90.0	9.5	3.54"	0.37"	4.6 mm / 0.18"
CL-SSM-19	90.0	19	3.54"	0.75"	4.6 mm / 0.18"



Item No.: TSSTG01

Item No.: TSSTG02

for SS tie up to 7.9mm for SS tie u

● **Nylon Cable ties Promotion Pack**

- Material: Polyamide 6.6

• Tube Size: Diameter 11.5 cm (4.52"), Height 31cm (12,0"), Tube Material: PET, Cap Material: PP

Item No.	Contents		Color	Quantity	Total
ZMX-A650	2.5 x 100 mm	4" 18lb	Natural	100	650
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	4.8 x 200 mm	8" 50lb	Natural	300	
	4.8 x 280mm	11" 50lb	Natural	50	

Item No.	Contents		Color	Quantity	Total
ZMX-A850	2.5 x 100 mm	4" 18lb	Natural	100	850
	2.5 x 100 mm	4" 18lb	Red	100	
	2.5 x 100 mm	4" 18lb	Green	100	
	2.5 x 100 mm	4" 18lb	Blue	100	
	2.5 x 100 mm	4" 18lb	Yellow	100	
	4.8 x 200 mm	8" 50lb	Natural	300	
	4.8 x 280mm	11" 50lb	Natural	50	

Item No.	Contents		Color	Quantity	Total
ZMX-A1000	2.5 x 100 mm	4" 18lb	Natural	200	1000
	2.5 x 100 mm	4" 18lb	Red	100	
	2.5 x 100 mm	4" 18lb	Green	100	
	2.5 x 100 mm	4" 18lb	Blue	100	
	2.5 x 100 mm	4" 18lb	Yellow	100	
	4.8 x 200 mm	8" 50lb	Natural	350	
	4.8 x 280mm	11" 50lb	Natural	50	

Item No.	Contents		Color	Quantity	Total
ZMX-A1200	2.5 x 100 mm	4" 18lb	Natural	200	1200
	2.5 x 100 mm	4" 18lb	Black	200	
	2.5 x 100 mm	4" 18lb	Red	100	
	2.5 x 100 mm	4" 18lb	Green	100	
	2.5 x 100 mm	4" 18lb	Blue	100	
	2.5 x 100 mm	4" 18lb	Yellow	100	
	4.8 x 200 mm	8" 50lb	Natural	350	
	4.8 x 280mm	11" 50lb	Natural	50	



• Tube Size: Diameter 11.5 cm (4.52"), Height 21cm (8,0"), Tube Material: PET, Cap Material: PP

Item No.	Contents		Color	Quantity	Total
ZMX-B500	2.5 x 100 mm	4" 18lb	Earth Color	100	500
	2.5 x 100 mm	4" 18lb	Pink	100	
	4.8 x 200 mm	8" 50lb	Fl. Blue	100	
	4.8 x 200 mm	8" 50lb	Fl. Green	100	
	4.8 x 200 mm	8" 50lb	Fl. Orange	100	

Item No.	Contents		Color	Quantity	Total
ZMX-B700	2.5 x 100 mm	4" 18lb	Natural	200	700
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	3.6 x 150 mm	6" 40lb	Natural	100	
	4.8 x 200 mm	8" 50lb	Natural	200	



• Tube Size: Diameter 10.0 cm (3.84"), Height 21cm (8,0"), Tube Material: PET, Cap Material: PP

Item No.	Contents		Color	Quantity	Total
ZMX-B500H	2.5 x 100 mm	4" 18lb	Natural	100	500
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	3.6 x 150 mm	6" 40lb	Natural	100	
	4.8 x 200 mm	8" 50lb	Natural	100	

Item No.	Contents		Color	Quantity	Total
ZMX-B600H	2.5 x 100 mm	4" 18lb	Natural	150	600
	2.5 x 100 mm	4" 18lb	Black	150	
	3.6 x 200 mm	8" 40lb	Natural	100	
	3.6 x 200 mm	8" 40lb	Black	100	
	3.6 x 280 mm	11" 40lb	Natural	50	
	3.6 x 280 mm	11" 40lb	Black	50	



• Double blister box size (ZMX-E1200): 23cm x 19cm x 8.5cm (9,05 x 7,48 x 3,45"), Material: PET

• Double blister box size (ZMX-E1300): 40cm x 23cm x 9.2cm (15,7 x 9,05 x 3,60"), Material: PET

Item No.	Contents		Color	Quantity	Total
ZMX-E1200	2.5 x 100 mm	4" 18lb	Natural	200	1200
	2.5 x 100 mm	4" 18lb	Red	200	
	2.5 x 100 mm	4" 18lb	Green	200	
	2.5 x 100 mm	4" 18lb	Blue	200	
	2.5 x 100 mm	4" 18lb	Yellow	200	
	2.5 x 150 mm	6" 18lb	Natural	100	
	3, 6 x 200 mm	8" 40lb	Natural	100	

Item No.	Contents		Color	Quantity	Total
ZMX-E1300	2.5 x 100 mm	4" 18lb	Natural	200	1300
	2.5 x 100 mm	4" 18lb	Black	200	
	2.5 x 100 mm	4" 18lb	Red	100	
	2.5 x 100 mm	4" 18lb	Green	100	
	2.5 x 100 mm	4" 18lb	Blue	100	
	2.5 x 100 mm	4" 18lb	Yellow	100	
	3.6 x 150 mm	6" 40lb	Natural	100	
	4.8 x 200 mm	8" 50lb	Natural	300	
	4.8 x 280 mm	11" 50lb	Natural	100	



• Double blister box size: 44cm x 30cm x 4.8cm (17,3 x 11,8 x 1,89"), Material: PET

Item No.	Contents		Color	Quantity	Total
ZMX-E1000	2.5 x 100 mm	4" 18lb	Fl. Blue	300	1000
	2.5 x 100 mm	4" 18lb	Green	300	
	3.6 x 150 mm	6" 40lb	Yellow	150	
	3.6 x 180 mm	7" 40lb	Red	100	
	3.6 x 200 mm	8" 40lb	Purple	80	
	4.8 x 250 mm	10" 50lb	Black	50	
	7.6 x 300 mm	12" 120lb	Natural	20	



● **Nylon Cable ties Promotion Pack**

• Material: Polyamide 6.6

• Tube Size: Diameter 7.5 cm (2/95"), Height 31cm (12,0"),
Tube Material: PET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-A225	2.5 x 100 mm	4" 18lb	Natural	50	225
	2.5 x 100 mm	4" 18lb	Purple	50	
	4.8 x 200 mm	8" 50lb	Natural	25	
	4.8 x 200 mm	8" 50lb	Fl. Orange	25	
	4.8 x 200 mm	8" 50lb	Pink	25	
	4.8 x 200 mm	8" 50lb	Fl. Green	25	
	4.8 x 280mm	11" 50lb	Natural	25	

• Tube Size: Diameter 7.5 cm (2/95"), Height 21cm (8,0"),
Tube Material: ET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-B500E	2.5 x 100 mm	4" 18lb	Natural	100	500
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	3.6 x 150 mm	6" 40lb	Natural	100	
	3.6 x 200 mm	8" 40lb	Natural	100	

• Tube Size: Diameter 10,5 cm (4,10"), Height 27cm (10,6"),
Tube Material: PET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-B650	2.5 x 100 mm	4" 18lb	Natural	100	650
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	4.8 x 200 mm	8" 50lb	Natural	300	
	4.8 x 280mm	11" 50lb	Natural	50	

Item No.	Contents		Color	Quantity	Total
ZMX-B650E	2.5 x 100 mm	4" 18lb	Natural	100	650 Economy
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	3.6 x 200 mm	8" 40lb	Natural	300	
	3.6 x 280mm	11" 40lb	Natural	50	

• Tube Size: Diameter 10.0 cm (3,94"), Height 31cm (12,0"),
Tube Material: PET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-A600H	2.5 x 100 mm	4" 18lb	Natural	150	600
	2.5 x 100 mm	4" 18lb	Black	150	
	4.8 x 200 mm	8" 50lb	Natural	100	
	4.8 x 200 mm	8" 50lb	Black	100	
	4.8 x 280 mm	11" 50lb	Natural	50	
	4.8 x 280 mm	11" 50lb	Black	50	

Item No.	Contents		Color	Quantity	Total
ZMX-A600HE	2.5 x 100 mm	4" 18lb	Natural	150	600
	2.5 x 100 mm	4" 18lb	Black	150	
	3.6 x 200 mm	8" 40lb	Natural	100	
	3.6 x 200 mm	8" 40lb	Black	100	
	3.6 x 280 mm	11" 40lb	Natural	50	
	3.6 x 280 mm	11" 40lb	Black	50	

• Tube Size: Diameter 13,0 cm (5,1"), Height 10,5cm (4,1"),
Tube Material: PVC



Item No.	Contents		Color	Quantity	Total
ZMX-D1000	2.5 x 100 mm	4" 18lb	Natural	100	1000
	2.5 x 100 mm	4" 18lb	Black	100	
	2.5 x 100 mm	4" 18lb	Red	100	
	2.5 x 100 mm	4" 18lb	Green	100	
	2.5 x 100 mm	4" 18lb	Blue	100	
	2.5 x 100 mm	4" 18lb	Yellow	100	
	2.5 x 100 mm	4" 18lb	Gray	100	
	2.5 x 100 mm	4" 18lb	Earth	100	
	2.5 x 100 mm	4" 18lb	Purple	100	
	2.5 x 100 mm	4" 18lb	Pink	100	

• Tube Size: Diameter 5.5 cm (2,15"), Height 21cm (8,0"),
Tube Material: PET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-B100	2.5 x 100 mm	4" 18lb	Natural	50	100
	3.6 x 150 mm	6" 40lb	Natural	25	
	4.8 x 200 mm	8" 50lb	Natural	25	

• Tube Size: Diameter 7.5 cm (2,95"), Height 15cm (6,0"),
Tube Material: PET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-D400	2.5 x 100 mm	4" 18lb	Natural	100	400
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	3.6 x 150 mm	6" 40lb	Natural	100	

• Tube Size: Diameter 10,0 cm (3,94"), Height 21cm (8,0"),
Tube Material: PET, Cap Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-B500HC	2.5 x 100 mm	4" 18lb	Fl. Blue	75	500
	2.5 x 100 mm	4" 18lb	Purple	75	
	2.5 x 100 mm	4" 18lb	Orange	75	
	2.5 x 100 mm	4" 18lb	Pink	75	
	4.8 x 200 mm	8" 50lb	Fl. Blue	50	
	4.8 x 200 mm	8" 50lb	Purple	50	
	4.8 x 200 mm	8" 50lb	Orange	50	
	4.8 x 200 mm	8" 50lb	Pink	50	

● **Nylon Cable ties Promotion Pack**

• Material: Polyamide 6.6

• **Box Size: 31cm x 14.5cm x 23.5 cm (12.2" x 5.7" x 0.93")**
Tube Material: PP



Item No.	Contents		Color	Quantity	Total
ZMX-F1500	2.5 x 100 mm	4" 18lb	Natural	200	1500
	2.5 x 100 mm	4" 18lb	Black	200	
	3.6 x 150 mm	6" 40lb	Natural	100	
	3.6 x 150 mm	6" 40lb	Black	100	
	4.8 x 200 mm	8" 50lb	Natural	200	
	4.8 x 200 mm	8" 50lb	Black	200	
	4.8 x 300mm	11.8" 50lb	Natural	100	
	4.8 x 300mm	11.8" 50lb	Black	100	
	4.8 x 370 mm	14.5" 50lb	Natural	100	
	4.8 x 370 mm	14.5" 50lb	Black	100	
	7.6 x 370 mm	14.5" 120lb	Natural	50	
	7.6 x 370 mm	14.5" 120lb	Black	50	

• **Tube Size: Diameter 7.5cm (2,95"), Height 11cm (4,0")**
Tube Material: PVC



Item No.	Contents		Color	Quantity	Total
ZMX-D500	2.5 x 100 mm	4" 18lb	Natural	100	500
	2.5 x 100 mm	4" 18lb	Red	100	
	2.5 x 100 mm	4" 18lb	Green	100	
	2.5 x 100 mm	4" 18lb	Blue	100	
	2.5 x 100 mm	4" 18lb	Yellow	100	

• **Zip Lock Gusset Bag**
Can be printed or labelled



Item No.	Contents		Color	Quantity	Total
ZMX-G500	2.5 x 100 mm	4" 18lb	FI Blue	60	500
	2.5 x 100 mm	4" 18lb	FI Green	60	
	2.5 x 100 mm	4" 18lb	Orange	60	
	2.5 x 100 mm	4" 18lb	FI Purple	60	
	2.5 x 100 mm	4" 18lb	FI Yellow	60	
	4.8 x 200 mm	8" 50lb	FI Blue	50	
	4.8 x 200 mm	8" 50lb	FI Green	50	
	4.8 x 200 mm	8" 50lb	Orange	50	
4.8 x 200 mm	8" 50lb	FI Purple	50		

Item No.	Contents		Color	Quantity	Total
ZMX-G650	2.5 x 100 mm	4" 18lb	Natural	100	650
	2.5 x 100 mm	4" 18lb	Red	50	
	2.5 x 100 mm	4" 18lb	Green	50	
	2.5 x 100 mm	4" 18lb	Blue	50	
	2.5 x 100 mm	4" 18lb	Yellow	50	
	4.8 x 200 mm	8" 50lb	Natural	300	
	4.8 x 280mm	11" 50lb	Natural	50	

• **Tube Size: Diameter 7.5cm (2,95"), Height 21cm (8,0")**
Tube Material: PVC



Item No.	Contents		Color	Quantity	Total
ZMX-B500	2.5 x 100 mm	4" 18lb	Natural	200	400
	3.6 x 150 mm	6" 40lb	Natural	100	
	4.8 x 200 mm	8" 50lb	Natural	100	

Thank You

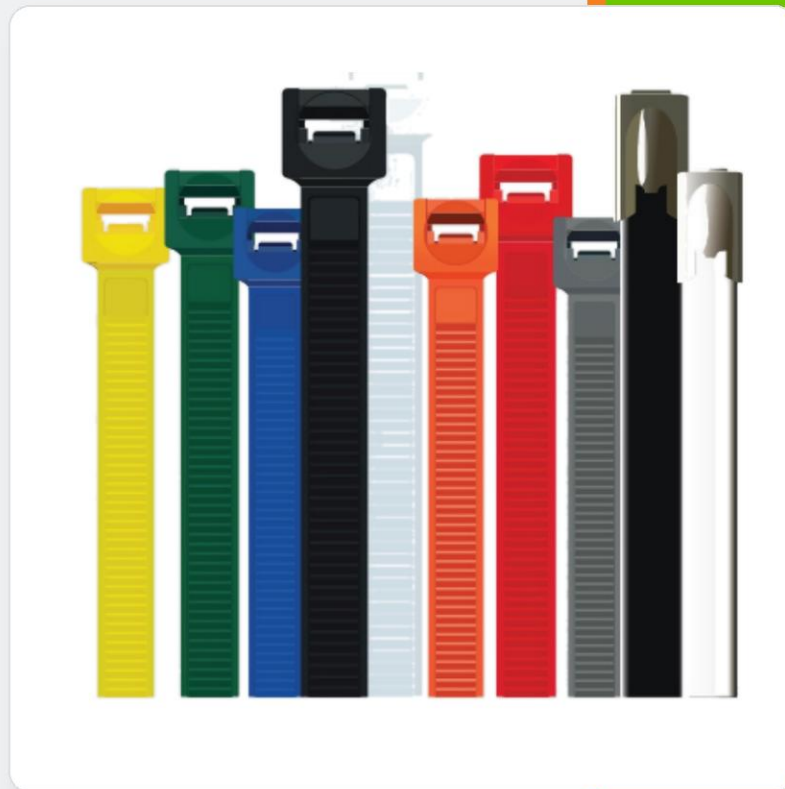


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Engineered in Canada, built for the world.

Cable management solutions for industrial buyers,
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Calgary, Alberta, Canada



Built for reliable cable management.

This catalogue presents Clifnor's cable tie range in a clean visual system with a stronger technical tone and consistent brand presentation across the full product range.