



Metal Detectable Series Products

The metal detectable series products including metal detectable cable ties, self-adhesive mounts and saddle tie mounts are added with metal particles, which can be detected immediately by a metal detector equipment. This can mainly solve the problem of contaminants and foreign bodies entering the process in food industry, beverage industry, pharmaceutical and medical and biotechnology industry. Especially cable ties and fasteners used to fix and tighten in the electronic control system of production equipment, wiring devices, or on packaging. They may deteriorate and loosen and accidentally enter the process of production and cause contaminants problems.

Applications:

Ideal for pollutants sensitive industries, such as:

- Food, meat, dairy, beverage and tobacco processing industries
- Pharmaceutical industry, medical, biotechnology and cosmetics industries
- Food and pharmaceutical machinery suppliers

METAL DETECTABLE CABLE TIES



- Can be detected by a metal detector
- The metal particles are evenly distributed in the entire body, even small fragments can be detected
- Blue color is easy to visually recognize, and can increase the degree of visibility
- Can be used in high humidity liquid environment
- Mainly used to solve the risk of pollutants and contamination entering in the food/beverage manufacturing process
- Usable as part of HACCP Process
- Material: PA66MP (Polyamide 6.6 with metal particles), UL94 HB
- Color: Blue



Part No.	Length (L) mm (inch)	Width (W) mm (inch)	Max.Bundle ϕ mm (inch)	Min. Loop Tensile Strength		
				N	kgf	lbf
GT-100M-MD	100 (3.94)	2.5 (0.10)	22 (0.87)	80	8.2	18
GT-150I-MD	150 (5.91)	3.6 (0.14)	35 (1.38)	135	13.7	30
GT-200ST-MD	200 (7.87)	4.8 (0.19)	50 (1.97)	225	22.6	50
GT-390ST-MD	390 (15.35)	4.8 (0.19)	105 (4.13)	225	22.6	50
GT-390HD-S-MD	390 (15.35)	7.6 (0.29)	108 (4.25)	535	54.5	120

*HACCP=Hazard Analysis and Critical Control Points. HACCP is an internationally recognized system for reducing the risk of safety hazards in food.

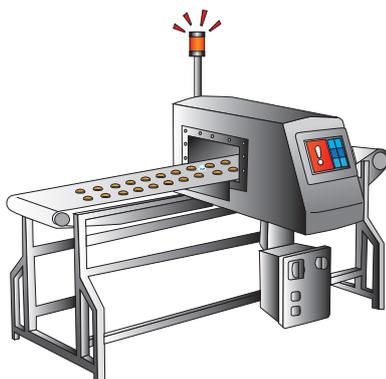
Recommended Installation Tools



GIT-703
For cable ties of width 2.5~4.8mm (0.10~0.19 inch) and thickness 1.0~1.6 mm (0.04~0.06 inch)



GIT-704G
For cable ties of width 3.6~10.6mm (0.14~0.42 inch) and thickness 1.2~2.3mm (0.05~0.09 inch)



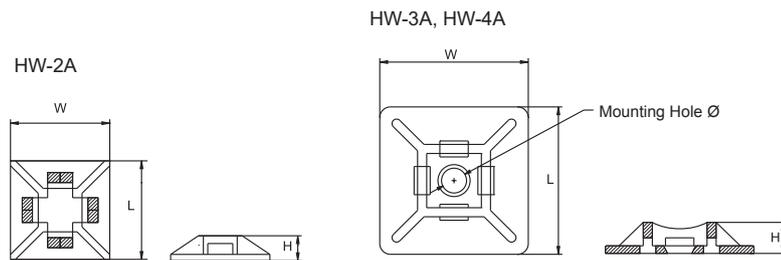
How does the metal detector test work?

1. Cut 3 mm piece from the head, body and tail of a cable tie as test samples.
2. Put one piece of sample on a Styrofoam with a thickness of 25 mm and pass it through the metal detector.
3. The cable tie is deemed to pass the test if the samples from its head, body and tail are all detected by the metal detector.

Safe, Secure, Trustworthy
& High quality

SELF ADHESIVE CABLE TIE MOUNTS

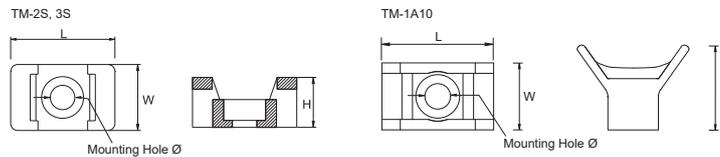
- Available in either "screw mount" or "self adhesive mounting"
- Simple to install with a screw or bolt, the tie mounts give excellent security, particularly in areas of high vibration
- Designed to offer the maximum surface area, and in conjunction with the specially developed adhesive ensures that a very high pull-off force is achieved
- The tie mounts offer a "4-way" entry for the cable tie enabling quicker and more flexible installation
- Designed specifically for holding heavier cable bundles
- Material: PA66MP (Polyamide 6.6 with metal particles), UL94 HB
- Color: Blue



Part No.	Length (L) mm (inch)	Width (W) mm (inch)	Height (H) mm (inch)	Mounting Hole \varnothing mm (inch)	Max. Tie Width mm (inch)
HW-2A-MD	12.7 (0.50)	12.7 (0.50)	3.2 (0.13)	--	3.2 (0.13)
HW-3A-MD	19.0 (0.75)	19.0 (0.75)	4.4 (0.17)	3.5 (0.14)	4.0 (0.16)
HW-4A-MD	27.8 (1.09)	27.8 (1.09)	5.7 (0.22)	5.7 (0.22)	5.3 (0.21)

SADDLE TIE MOUNTS

- Curved design gives additional support to the cables
- Applied with screw or bolt for excellent security, particularly in areas of high vibration
- Designed specifically for holding heavier cable bundles
- Material: PA66MP (Polyamide 6.6 with metal particles), UL94 HB
- Color: Blue



Part No.	Length (L) mm (inch)	Width (W) mm (inch)	Height (H) mm (inch)	Mounting Hole \varnothing mm (inch)	Max. Tie Width mm (inch)
TM-2S6-MD	14.9 (0.59)	9.5 (0.37)	7.2 (0.28)	3.7 (0.15)	4.8 (0.19)
TM-2S8-MD	14.9 (0.59)	9.5 (0.37)	7.2 (0.28)	4.5 (0.18)	4.8 (0.19)
TM-3S8-MD	21.9 (0.86)	15.9 (0.63)	9.7 (0.38)	4.5 (0.18)	9.0 (0.35)
TM-3S10-MD	21.9 (0.86)	15.9 (0.63)	9.7 (0.38)	5.0 (0.20)	9.0 (0.35)
TM-3S25-MD	21.9 (0.86)	15.9 (0.63)	9.7 (0.38)	6.4 (0.25)	9.0 (0.35)
TM-1A10-MD	22.7 (0.89)	13.6 (0.54)	17.2 (0.68)	5.0 (0.20)	9.0 (0.35)

