

CABAC METAL DETECTABLE CABLE TIES

Cabac Metal Detectable Cable Ties are made from Polyamide 6.6 with metal-detectable additives for traceability. The dark blue colour enhances detection during visual inspections, while the high-grade materials are impregnated with metal particles for X-ray and metal detection. These cable ties are designed for use in food, beverage, and pharmaceutical processing facilities where contamination control is critical. They provide three detection modes – visual, magnetic, and X-ray – for enhanced contamination control.

TECHNICAL DATA

Material: Polyamide 6.6, metal-detectable.

Colour: Dark Blue.

Flammability Rating: UL 94 - HB.

Humidity Absorption: 2.7%–2.8% (at 23°C, 50% RH).

Temperature Ratings:

- Installation: 0°C to +85°C.
- Continuous Operation: -40°C to +85°C.
- Short-Term Exposure: Up to +110°C.

Chemical Resistance:

- Good: Bases, oils, greases, oil derivatives, chloride solvents.
- Limited: Acids.
- Not resistant: Phenols.

Mechanical Properties:

- Tensile Strength: Varies by size, up to 540N (55kg).
- Bundle Diameter Range: 3.0mm–103.5mm (size-dependent).

Compliance:

- Halogen-free

APPLICATIONS

Used in food, beverage, and pharmaceutical processing facilities for contamination control. These cable ties provide three modes of detection:

- Visual Detection – The distinctive blue colour allows easy identification of contamination.
- Magnetic Detection – Metal content can be detected by standard metal detectors.
- X-ray Detection – Cable ties can be identified using X-ray equipment.

Cabac Metal Detectable Cable Ties are impregnated with metal particles dispersed throughout the head and body, enabling detection of any part of the tie by metal detectors or X-ray equipment. These ties are also suitable for securing cables and components in environments with strict safety requirements and are commonly used in machinery maintenance to prevent loose or detached components.

IMPORTANT NOTE

There are many different types of metal detectors, X-ray machines, and technologies. Before installation, always test the machines to ensure they detect the cable ties effectively.

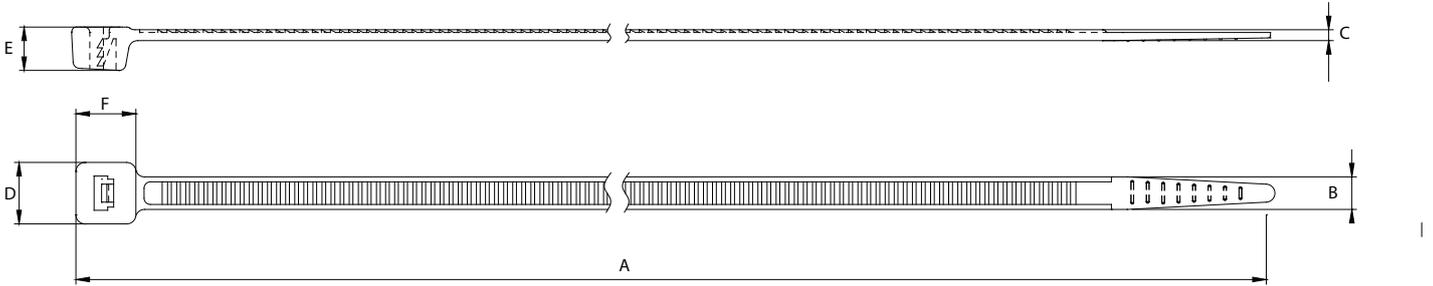


MKT508

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

CABAC METAL DETECTABLE CABLE TIES

SPECIFICATIONS



Part No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Bundle Diameter (mm)	Tensile Strength (N / kg)
CT98BL/100DT	100±3	2.5±0.2	1.05±0.1	4.55±0.3	4.15±0.3	4.70±0.3	3.0–20.5	80N (8kg)
CT140BL/100DT	150±3	3.6±0.2	1.15±0.1	6.40±0.3	4.70±0.3	6.00±0.3	3.5–36.0	180N (18kg)
CT200BL/100DT	200±3	4.8±0.2	1.20±0.1	8.20±0.3	5.70±0.3	7.80±0.3	3.5–49.5	230N (23kg)
CT290BL/100DT	300±3	4.8±0.2	1.25±0.1	8.20±0.3	5.70±0.3	7.80±0.3	3.5–81.0	230N (23kg)
CT360BL/100DT	370±5	4.8±0.2	1.25±0.1	8.20±0.3	5.70±0.3	7.80±0.3	3.5–103.5	230N (23kg)
CT365BL-HD/100DT	370±5	7.6±0.2	1.55±0.15	11.8±0.3	7.30±0.3	11.0±0.3	3.5–103.5	540N (55kg)

ORDERING INFORMATION

Part No.	Description	MOQ	Pack QTY	Carton QTY
CT98BL/100DT	Cable Tie Detectable PA66 100X2.5mm Blue	1 Pack	100	50,000ea / 500 packs
CT140BL/100DT	Cable Tie Detectable PA66 150X3.6mm Blue	1 Pack	100	20,000ea / 200 packs
CT200BL/100DT	Cable Tie Detectable PA66 200X4.8mm Blue	1 Pack	100	10,000ea / 100 packs
CT290BL/100DT	Cable Tie Detectable PA66 300X4.8mm Blue	1 Pack	100	5,000ea / 50 packs
CT360BL/100DT	Cable Tie Detectable PA66 370X4.8mm Blue	1 Pack	100	5,000ea / 50 packs
CT365BL-HD/100DT	Cable Tie Detectable PA66 370X7.6mm Blue	1 Pack	100	2,500ea / 25 packs

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.