

**Thomas & Betts**

***Because Secret Ingredients  
Aren't Always a Good Thing.***

**Ty-Rap®**

Detectable  
Cable Ties



**Ty-Rap** Thomas & Betts  
Call No. **TY525M-NDT** Qty **100**  
**Detectable Cable Ties**

- Detectable by X-Ray and Metal Detection Equipment
- Colored for easy Visual Detection
- Rated to 1.5 mm Ferrous Spheres

**The Grip of Steel®**

• Tie Length:	7.21' / 220 mm
• Tie Width:	0.184" / 4.67 mm
• Tensile Strength:	50 lbs. / 220N
• Temperature Rating:	185° / 85C
• Max Wire Stranding:	1.75" / 44.4 mm
• Ties / Spooling:	890208 / 6-8 Nylon Blue

U.S.A.

Patent pending



## Avoid Unpleasant Surprises with Ty-Rap® Detectable Cable Ties.

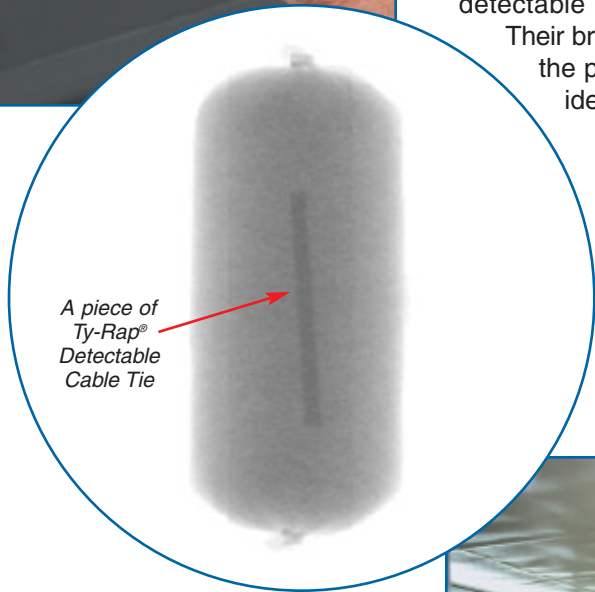
When you were six, you were thrilled to find the secret decoder ring at the bottom of the cereal box. But since then, you probably don't think of hidden surprises in food as a good thing. And if you're employed in food, beverage or pharmaceutical processing, the last thing you want is a consumer finding the trimmed-off end of a cable tie packaged in with your product.

In fact, some manufacturing plants in industries sensitive to contamination have banned the use of nylon cable ties in their manufacturing plants, because standard nylon can pass unnoticed through metal detectors, x-ray equipment and standard visual detection systems.

Now there's an alternative to potentially contaminating your product with standard nylon cable ties or paying for expensive stainless steel fasteners. Ty-Rap® Detectable Cable Ties are made from standard nylon or polypropylene, but incorporate a unique, patent-pending compound detectable by metal detectors and x-ray equipment.

Their bright blue color makes them easy to spot, and the polypropylene version is buoyant, making it ideal for use in liquid processing areas.

With Ty-Rap® Detectable Cable Ties, you have all of the advantages of the original Ty-Rap® Cable Tie, including a smooth body with an infinitely adjustable design, high-performance stainless steel locking device for a perfect fit and superior holding power — plus the peace of mind of knowing the integrity of your product is uncompromised.



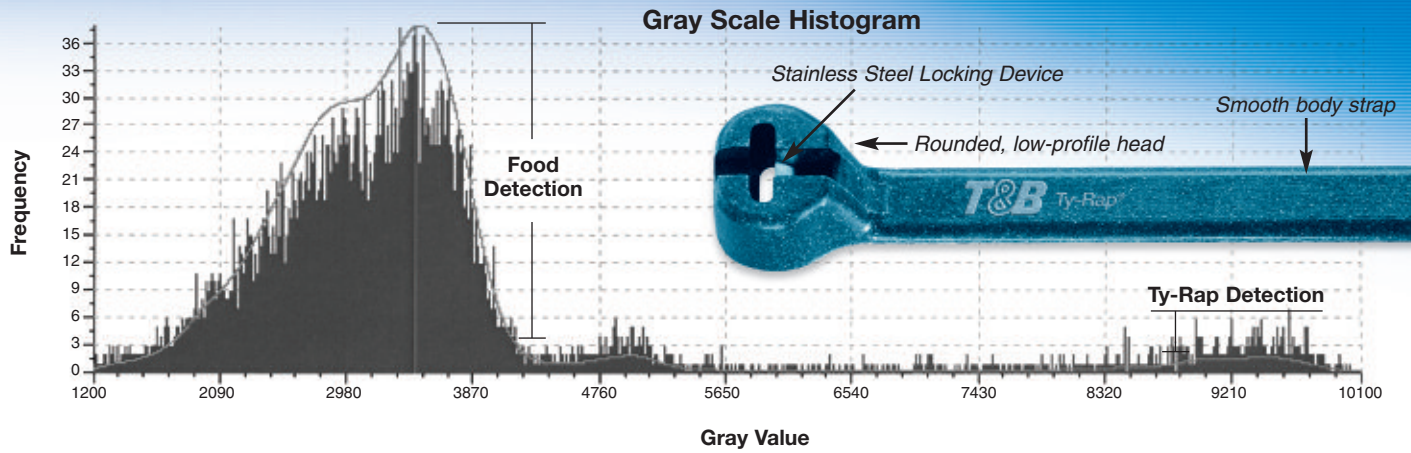
### Detectable by:

- Metal detectors
- X-ray equipment
- Visual detection systems



*Contains a unique, patent-pending compound detectable by metal detectors and x-ray equipment.*





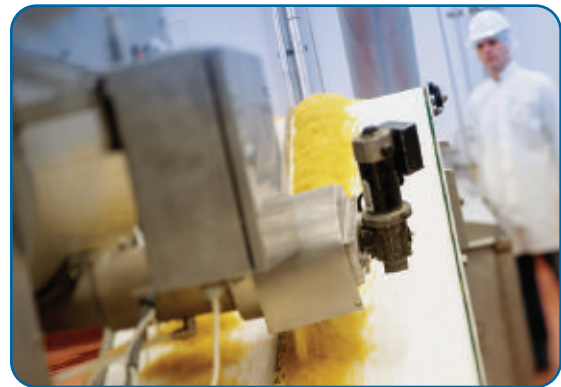
## Features

- Detectable by metal detectors set at minimum 1.5mm ferrous sphere<sup>(1)</sup>
- Detectable by x-ray equipment<sup>(2)</sup>
- Bright blue color allows easy visual detection, especially on white conveyor systems
- Buoyant, polypropylene version available for use in liquid-processing applications
- “The Grip of Steel”<sup>®</sup> locking device offers superior performance
- Oval, low-profile head and smooth molded body shed contaminants
- Half the price of stainless steel fasteners
- Infinitely adjustable design ensures the right fit
- Maximum operating temperature: 185° F (85° C)
- Available in a variety of sizes and tensile ratings

## Typical Applications

- Food and beverage processing
- Pharmaceutical production
- Chemical and compounds manufacturing
- Tobacco processing
- Tire and airbag manufacturing
- Any other industry sensitive to contamination using detection equipment

Footnotes: (1) Tested by Thermo Electron Corporation, Minneapolis, MN  
 (2) Tested by Smiths Detection, Alcoa, TN



*Ty-Rap<sup>®</sup> Detectable Cable Ties were tested by leading metal-detection and x-ray equipment manufacturers to ensure detectability.*



*The polypropylene version of Ty-Rap<sup>®</sup> Detectable Cable Ties floats, making it easy to spot in liquid-processing areas.*



## Great additions to the Ty-Rap® Detectable Cable Ties!

### Ty-Rap Tote®

**No More Dropped or Lost Cable Ties when using the Ty-Rap Tote® Cable Tie Dispenser!**

- Rugged, polyester-and-vinyl pouch clips to belt or tool pouch
- Offers easy, one-handed access to cable ties
- Available in sizes to hold 8", 4" or 11" – 14" combination length ties



TY-TOTE-28

TY-TOTE-25

TY-TOTE-23

*NOTE: Ty-Rap Totes® come with standard nylon Ty-Rap® Cable Ties*

### Ty-Gun® Cable Tie Tool

**No More Flying Cable Tie Tails — Cleanly Cuts Ties and Holds Tails Captive!**



ERG50

- Lightweight, break-through ergonomic design dramatically reduces user stress and strain
- 360° rotating nose enables operation from any position
- Front-access tension-adjustment wheel permits fast, easy changes

## Ty-Rap® Detectable Cable Ties

Cat. Number	Length	Width	Bundle Dia. Max.	Tensile Rating	Std. Pkg. Qty.	UPC Number
<b>Bright Blue Detectable — Compound Nylon 6.6</b>						
TY523M-NDT	3.62"	0.093"	0.625"	18 lbs./80N	100	786210-99531
TY525M-NDT	7.31"	0.185"	1.750"	50 lbs./220N	100	786210-99533
TY527M-NDT	13.40"	0.270"	3.500"	120 lbs./540N	50	786210-99537
TY528M-NDT	14.20"	0.187"	4.000"	50 lbs./220N	100	786210-99535
<b>Bright Blue Detectable — Compound Buoyant Polypropylene</b>						
TY523M-PDT	3.62"	0.093"	0.625"	18 lbs./80N	100	786210-99532
TY525M-PDT	7.31"	0.185"	1.750"	30 lbs./135N	100	786210-99534
TY527M-PDT	13.40"	0.270"	3.500"	60 lbs./267N	50	786210-99538
TY528M-PDT	14.20"	0.187"	4.000"	30 lbs./135N	100	786210-99536

Cat. Number	Description	Std. Pkg. Qty.	UPC Number
<b>Ty-Rap Tote®</b>			
TY-TOTE-23	Ty-Rap Tote® 4" Cable Tie Dispenser	1	786210-95084
TY-TOTE-25	Ty-Rap Tote® 8" Cable Tie Dispenser	1	786210-83871
TY-TOTE-28	Ty-Rap Tote® 11" – 14" Combination Cable Tie Dispenser	1	786210-97941

Cat. Number	Handle Color	Tension	Tie Body Width Range	Std. Pkg. Qty.	UPC Number
<b>Ty-Gun® Cable Tie Tool</b>					
ERG50	Black	18-50 lbs.	0.094" – 0.184"	1	786210-58790
ERG120	Red	50-120 lbs.	0.184" – 0.301"	1	786210-58788

Temperature rating: -40°F (-40°C) to 185°F (85°C)

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

**Thomas & Betts**

Please ask your Thomas & Betts sales representative for a complete catalog of quality Thomas & Betts electrical products or visit us at [www.tnb.com](http://www.tnb.com). For customer service, call 1-800-816-7809. For technical questions, call 1-888-862-3289.

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