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## NO MORE SECRET INGREDIENTS

The new Detectamet Detectable Cable ties incorporate a unique compound (patent pending) that can be detected by **X-Ray equipment, metal detectors and visual inspection equipment**. They are particularly recommended for applications in food, pharmaceutical and other contamination-sensitive industries using detection systems, where cable tie installation residuals (cut tails) are not allowed in the finished product.



Help reduce the risk of product contamination – specify the new Detectamet Detectable Cable Ties exclusively for your plant.

Another great aspect of the new **Detectamet Detectable**

**Cable Ties:** they help your business achieve a

Great step towards meeting the HACCP\* EU-directive.

The HACCP is a systematic preventative approach to

food safety that addresses physical,

chemical and biological hazards as a means of

prevention rather than finished product inspection.

### Main applications

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

\* HACCP= Hazard Analysis Critical Control Points

HACCP is a system, which identifies specific hazards and preventative measures

for their control to minimize the risk of producing defective products and services.

Product Ref	Material	Length	Width	Bundle Dia		minimum tensile STRENGTH	Quantity	Tooling
				From...To				
DTMN 01523	Polyamide 6.6	[mm] 92	[mm] 2.4	[mm] 2-16	[N] 80	[pieces] 100	ERG50	
DTMN 01525	Polyamide 6.6	186	4.8	3.5-45	220	100	ERG50 / ERG120	
DTMN 01527	Polyamide 6.6	360	4.8	3.5-102	220	100	ERG50 / ERG120	
DTMN 01528	Polyamide 6.6	340	7.0	6-90	540	50	ERG120	
DTMP 01523	Polypropylene	92	2.4	2-16	50	100	ERG50	
DTMP 01535	Polypropylene	186	4.8	3.5-45	130	100	ERG50	
DTMP 01537	Polypropylene	360	4.8	3.5-102	130	100	ERG50	
DTMP 01538	Polypropylene	340	7.0	6-90	270	50	ERG120	

Temperature rating -40°C to +85°C

## Detection methods

### Metal Detection



Detectamet Detectable Cable Ties have been tested and are rated at 1.5 mm diameter ferrous sphere setting.

Therefore sensitive enough to be picked up by nearly every metal detector in service.

### X-Ray Detection

X-Rays are the future of the detection industry. Depending on the density of the product being verified,

Detectamet Detectable Cable Ties reach an impressive differential of between 200 and 2000 on the X-Ray grey scale.

### Visual Detection

Visual detection systems detect surface irregularities and volume changes.

This method is often used in beverage and chemical processing plants.

The bright blue colour ensures an easy visual detection.

#### Features

- Detectable by metal detectors set at minimum 1.5 mm diameter ferrous sphere\*
- Detectable by X-Ray equipment\*\*
- Bright blue colour for an easy visual detection
- Help achieve the HACCP EU-Directive
- Halogen free
- Available in standard Polyamide 6.6 or in buoyant Polypropylene version for liquid-processing applications
- All the advantages of the standard Detectamet cable ties as "The Grip of Steel" locking device which offers superior performance
- Available in 4 different sizes in convenient small bags with Euroslot

• *Tested by Thermo Electron Corporation, Minneapolis, MN, USA Tested by Detectamet Ltd*

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