

CABLE TIES // SPECIALS //

# DETECTABLE CABLE TIES

BY METAL DETECTOR OR X-RAY



These cable ties, made with copolymer material added with iron oxide, providing magnetic properties throughout, allow identification by metal detector or X-ray inspection equipment to meet food, beverage and pharmaceutical safety standard on reducing product contaminations.

This allow the manufacturers of food and pharmaceutical companies to respect the FDA's Hazard Analysis and Critical Control Point (HACCP) systems standards by preventing any contamination.



## TECHNICAL DATA

Raw material:	Polyamide 6.6 blue additivated with iron oxide.
Halogen-free:	
Humidity absorption:	2,7% (50% relative humidity).
Working temperature:	-40°C ÷ 85°C.
Tightening temperature:	-10°C ÷ 60°C.
Flammability rating:	UL 94 class HB.
Resistance to external agents:	high resistance to aromatic solvents, oils, greases, oil derivatives, good resistance to bases, limited resistance to acids; not resistant to phenols and to chloride solvents

## APPROVALS/CERTIFICATIONS

Halogen free

## APPLICATIONS

- ▶ To fix wires in electrical equipment in food industries, pharmaceutical and wherever there is a risk of contamination by external agents (Directive HACCP).
- ▶ These cable ties are not suitable for food contact.

## BENEFITS

- ▶ Material easily detectable by metal detectors, X-rays and visually.
- ▶ Bent rounded tip for an easier insertion through the head of the cable ties.
- ▶ Rounded edges for the safest application.

## DETECTABLE CABLE TIES

Code	Dimensions*	Ø Bundle max	Tensile strength		Pack.	Carton
			[kg]	[N]		
Blue	[mm]	[mm]			pcs.	pcs.
5203/C DTE	2,5x98	21	8,16	80	100	15.000
5209/C DTE	3,5x140	35	18,34	180	100	7.000
5214/C DTE	3,5x200	50	18,34	180	100	7.000
5215/C DTE	4,8x200	50	22,44	220	100	4.000
5217 DTE	4,5x290	79	22,44	220	100	3.500
5219 DTE	4,5x360	100	22,44	220	100	3.000
5227 DTE	7,5x365	100	55,08	540	100	1.500

\* The nominal dimensions can slightly change according to the utilized mould

