TECHNICAL DATASHEET

Detectable Cable Ties

Product Code	Length (mm)	Width (mm)	Max Bundle Diameter (mm)	Min Loop Tensile Strength (N)	Colour	Pack Quantity
P8907-100-BL	100	2.5	24	100	Blue	100
P8907-140-BL	140	3.5	36	200	Blue	100
P8907-200-BL	200	4.5	51	280	Blue	100
P8907-300-BL	300	4.5	76	280	Blue	100
P8907-380-BL	380	4.5	110	280	Blue	100
P8907-750-BL	360	7.5	100	550	Blue	100

Retreeva Global metal detectable cable ties are intended for securing cables, hoses, labels and equipment throughout food, beverage, pharmaceutical and chemical production areas. Metal content is distributed throughout the body of the tie rather than concentrated in the head, so a released tie or a fragment of one can be identified by standard metal detection equipment. The blue body colour provides a secondary layer of visual identification against typical food and packaging backgrounds.

Key Features

- Metal detectable along the full length of the tie, not solely at the head
- Blue body colour (RAL 5002) for visual contrast against food and packaging
- Nylon construction, self-extinguishing to UL94 HB
- Rated for use from -25 °C to +100 °C
- Non-toxic, halogen free and recyclable
- Supplied in packs of 100

Material and Performance Specification

Material	Nylon, self-extinguishing to UL94 HB
Body Colour	Blue (RAL 5002)
Operating Temperature Range	-25 °C to +100 °C
Water Absorption	Up to 8% when fully immersed
Detection Method	Metal content distributed throughout the body of the tie
Halogen Content	Halogen free
Toxicity	Non-toxic
Recyclability	Recyclable
Pack Quantity	100 ties per pack

01473 461 800 detect@retreevaglobal.com www.retreevaglobal.com

Detection Performance

Detectability is a function of the tie, the detection equipment and the product being inspected. The size of the smallest reliably detectable fragment will vary with aperture size, detector sensitivity settings, line speed and product effect.

Users should validate detection performance on their own equipment under normal running conditions, using the smallest tie size in service, and retain that validation as part of their foreign body control procedures.

This datasheet was prepared on behalf of Klipspringer Ltd and the information included is to the best of our knowledge correct at the time of writing. Klipspringer offers the information within this document as a guide only, they do not represent any guarantee of the prescribed products in the sense of the legal guaranteed regulations. It is the responsibility of the end user to ensure the items purchased are suitable for the intended application.

Supplier/Importer	Retreeva Global
Address	Foxtail House, Ransomes Industrial Estate, Ipswich, Suffolk, UK, IP3 9RX
Telephone	+44 (0) 1473 461 800
Email	detect@retreevaglobal.com
Website	www.retreevaglobal.com

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Prepared by	H. Smith
Authorised by	H. Smith