



# DICHTOMATIK METAL DETECTABLE O-RINGS

Metal-detectable O-rings are like a traditional elastomer seal with adding metallic fillers that allow metal detectors to quickly identify and find contaminated products. When any seal is subjected to excessive use or continuous use in demanding application damage can occur causing the seal to degrade increasing the risk of fragments of the elastomer ending up in the product being manufactured.

## WHERE THEY ARE USED

The food & beverage or pharmaceutical industries have extremely strict regulations regarding the purity of the products. Due to this everything that can meet the product including seals must meet these standards. Metal-detectable O-rings are tools that help manufacturers meet these standards and ensure if a seal degrades no fragments make it into a product that reaches customers preventing expensive recalls.

## HOW THEY WORK

Metal-detectable O-rings can be made from several standard sealing materials and adding metallic fillers into the seal. These metallic fillers can be detected by metal detectors or X-Ray machines that are already commonly used in food and beverage or pharmaceutical manufacturing facilities today. Being easy to identify allows manufacturers to have peace of mind knowing if a seal failure would happen, they will be notified allowing them to locate the issue immediately reducing waste and ensuring only the highest quality products make it to their customers.

## DIMENSIONS

The currently available dimensions can be found on our website [dichtomatik.fnst.com](http://dichtomatik.fnst.com) or our online ordering platform **EASY**.

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## O-RING MATERIALS

MATERIAL	COLOR
FKM	BLUE
EPDM	YELLOW
NBR	GREEN
SILICONE	ORANGE

## ADVANTAGES

- Easy detection of lost elastomeric fragments
- Prevents product recalls due to contamination
- Available in several materials and sizes
- Provides peace of mind
- Ensures your reputation for producing quality safe products

## COMMON INDUSTRIES

- Beverage bottling
- Breweries, Distilleries & Wineries
- Dairy
- Food manufacturing and packaging
- Pharmaceutical
- Produce & Meatpacking