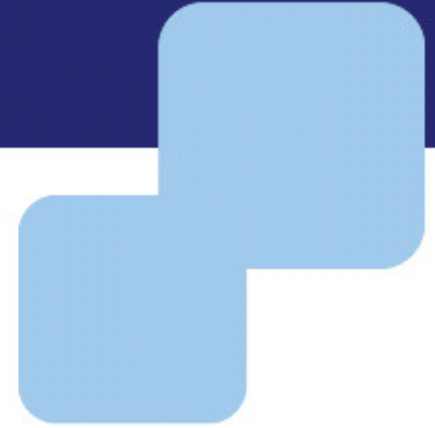


# Metal Detectable Elastomer Seals for Pharmaceutical, Bioscience and Food Industries



## *The latest advance in contamination detection and containment*

Do you use an in-line metal detector to detect contamination in process lines?

Does it identify contamination from elastomer seals?

**Now it can !!!**

Precision Polymer Engineering Ltd (PPE) has worked closely with leading industrial organisations to develop an exciting new range of metal detectable elastomer compounds designed specifically to meet the stringent demands of the pharmaceutical and food processing industries.

The new **Detectaseal™** range includes FDA compliant grades of EPDM, Nitrile and Fluorocarbon (FKM) compounds. Available in blue and black, **Detectaseal™** O-rings have been tested and proven in use at leading pharmaceutical and food manufacturing plants. Fragments of **Detectaseal™** as small as 2mm can be identified by metal detector equipment.

A Maintenance Manager at a leading European food manufacturer said: *"The seal and fragment detection trials were successful and represent a significant step forward from where we are now in contamination detection"*.

### **Features of Detectaseal™ materials:**

- Early detection and containment of contamination
  - Reduced product loss
  - Increased productivity
- FDA compliant elastomer materials
- Free from animal derived ingredients
- Blue seals to assist in easy identification

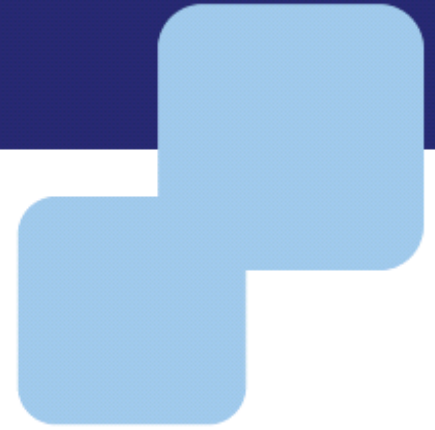


PPE provides fast and responsive lead-times and hygienic seal design services, supported by expert Material and Engineering Development teams.



# Metal Detectable Elastomer Seals

for Pharmaceutical, Bioscience and Food Industries



## DETECTASEAL™ GRADES:

PPE Code	Material Type	Colour	Hardness	Temperature Range
XV7H	FKM / FPM	Black	74	-10°C to +200°C
XV7A	FKM / FPM	Blue	70	-20°C to +200°C
XN7H	Nitrile	Black	70	-40°C to +120°C
XN7A	Nitrile	Blue	70	-40°C to +120°C
XE7H	EPDM	Black	75	-40°C to +150°C
XE7A	EPDM	Blue	70	-40°C to +150°C

