Rubber Fab Technologies Group's

METAL DETECTABLE ELASTOMERS

Rubber Fab: Helping Prevent Product Contamination With Cost Effective Solutions

As a result of excessive use, shearing and damage can occur to equipment causing undetectable product contamination. Metal detectables can eliminate product recall, lower product loss and decrease the risk of elastomers consumed in finished product.

Specially Made for the Meat and Poultry Industries

Tuf-Steel™ metal detectable hygienic seals can be used on 500° F continuous hot oil applications used in the Meat and Poultry Industries.

System Protection with Metal Detectable Elastomers

Conductive and Magnetic Metal Detectable OEM Equipment From Rubber Fab

A common problem with component and filler parts is **excessive wear and tear**. When rubber breaks off a moving part **it can migrate through your system and into your product**. Searching for and locating fragmented rubber parts is a **costly, time consuming and inconclusive process** requiring expensive **x-ray equipment**, manual observation and an extensive maintenance program. **Not locating a worn and lost rubber piece can have an even costlier outcome**.

Rubber Fab provides an easy and cost effective solution with **metal detectable elastomers**. By manufacturing a standard elastomer with a **metal impregnated compound**, displaced rubber material can now be **located by an in-line metal detector**. This alarm enables your system to **instantly reject contaminated product**.

Excessive wear can result in the shearing off of an elastomeric fragment which can cause undetectable product contamination

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Metal Detectable Elastomers

- Easily detect lost elastomeric fragments.
- Prevent product recall.
- Lower product loss.
- Stop distribution of contaminated product.
- For use in standard OEM equipment.
- Designed for microbial, high-temperature and mechanical applications.
- Available in hygienic seals, screens, sheets, extrusions, valve stems and filler boots. Consult factory for other metal detectable products.

Detectables are available in:

- Buna
- EPDM
- FKM
- Silicone
- Tuf-Steel™

Meets High Standards

- Elastomers meet Title 21 CFR 177.2600
- Tuf-Steel meets Title 21 CFR 177.1550
- Meets USDA Hazard Analysis and Critical Control points.
- Detectable metal additive meets the latest revision of the Food Chemicals Codex*.
- Animal Derived Ingredient Free†

* The Food Chemicals Codex Project is an activity of the food and nutrition board of the Institute of Medicine and is supported by the U.S. Food and Drug Administration.

™ Tuf-Steel and ADI Free are trademarks of Rubber Fab Technologies Group.

Rubber Fab Technologies Group's Metal Detectable products are patent pending.

† Buna in not an ADI Free elastomer.

ADI FREE ANIMAL DERIVED INGREDIENT FREE CERTIFIED

METAL DETECTABLE

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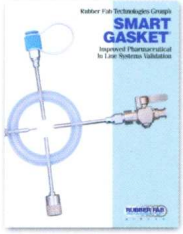

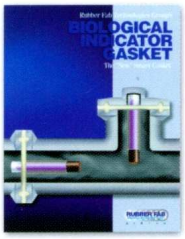

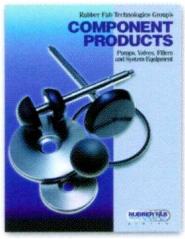

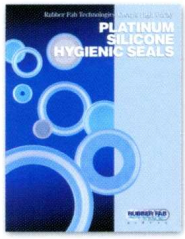

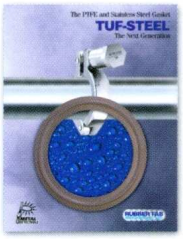

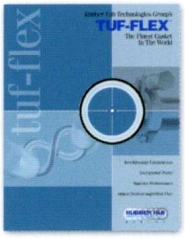

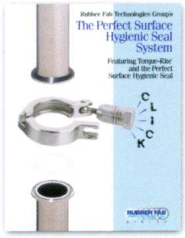

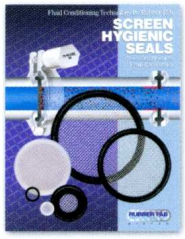

Rubber Fab Technologies Group, a Material Science Company, is a leading innovator of high quality sanitary hygienic seals, hose assemblies, valve, pump and filler machine components in a wide range of high purity elastomer materials. For additional information, contact Rubber Fab at 973-579-2959 or visit us at www.rubberfab.com.

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SPE

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