

## Patent pending for Polystone<sup>®</sup> M XDT, Sustarin<sup>®</sup> C XDT and SustaPEEK XDT!

**NEW**

### X-Ray detectable Materials for the Food Processing Industry

Röchling Engineering Plastics is the first manufacturer to offer X-ray detectable UHMW-PE, Acetal Copolymer and PEEK sheets and rods for machined parts and components in the food processing industry.

With new Food Safety Modernization Act (FSMA 2011) regulations in place, the FDA now mandates that all food processors have comprehensive preventive controls and safety programs in place. They have the complete authority to recall food due to contamination, and it is well known to food processors that a recall can "kill" a brand.

Repeated handling, cleaning and normal wear and tear of plastic component parts on processing machinery increases the risk of a fragment breaking off and contaminating the product, especially with the ongoing pressure to increase production line speeds. Quality checks are performed at process control points typically with either metal or x-ray detection systems. In many cases, X-ray systems are required or preferred due to the food (such as meat products) and the fact that the system can effectively detect contamination post-packaging.

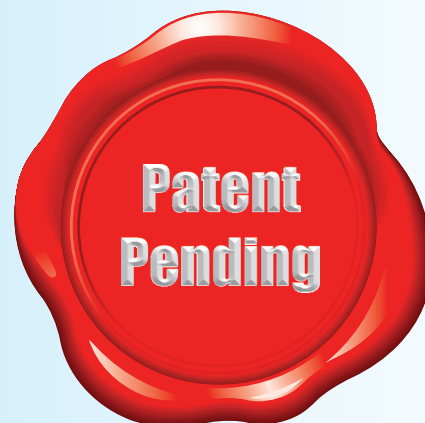
Röchling offers Sustarin<sup>®</sup> C XDT (Acetal), Polystone<sup>®</sup> M XDT (UHMW-PE) and SustaPEEK XDT - three of the most commonly used engineering plastics in the food processing industry. All of Röchling's XDT materials have been proven to be detected in a particle as small as a 3mm cube on production lines running as fast as 250 feet-per-minute.

**We at Röchling strive to continuously provide our clients with new innovative products to ensure their competitive edge in the market place and lead through innovation.**

All of Röchling's XDT materials are currently patent pending.

*Röchling Engineering Plastics offers the most comprehensive product line in the USA & Canada including:*

Polystone <sup>®</sup> M (UHMW-PE)	Sustamid <sup>®</sup> Nylon
Polystone <sup>®</sup> P (Polypropylene)	Sustarin <sup>®</sup> Acetal
Polystone <sup>®</sup> G (HDPE)	Susta HPMS



Available as:  
**Rods:** ½" to 6" dia.  
**Sheets:** 3/8" to 4" thick



*It is the responsibility of the user to test and approve the detection of this product due to variations in x-ray detection systems and required sensitivity settings.*

*Potential infringers who attempt to copy Röchling's invention may be liable for damages (including back-dated royalties), seizure, and injunction once our patents are issued.*

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