

# Detectability Report

**Sample Tested:** PTFE-MD

**Date:** 28-06-2017

**Where:** Dynamic Inspections

**Machine:** Metal Detector, Ally Head, Stealth Unit with FM Technology (latest software)

**Aperture Size:** 600x350 (Meat Works spec)

This test was undertaken by Steve Atkins of Dynamic Inspections using one of their latest up-graded units with FM technology which enhances the unit's ability to detect down to very small particle sizes in "WET" mode.

As with all reports this was done in convenient & controlled climates. Individual analysis should always be undertaken for true in situ results.

With normal "PEAK" running the size of particle detection in both "WET" & "DRY" is no better than shown in photo 1. Rough dimensions are 7.8 x 12.6 x 2.6. This is representative of the software technology run by the majority of detectors out in the market.

With the Dynamic Inspection "FM" new technology software up-grade this particle detection size is greatly increased as shown in both photos 2 & 3.

Photo 2 maxed out the unit (overloaded) due to the high detection ratio, particle size is 4 x 4 x 2.

Photo 3 shows the smaller particle size of 2 x 2.6 x 1.6 & it is calculated that a further 1/5 of this can be removed while still being detected.

