

TECHNICAL CLEANLINESS

Wuerth Industrial Services Malaysia

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Technical Cleanliness for Fasteners

In modern systems in the automobile industry and electronic equipment, particles as small as 500, 200 or even 100 microns can cause malfunctions or total system failure. Increasing compactness of units and assemblies makes them more and more susceptible to problems from particle contamination.

In order to meet maximum cleanliness requirements Wuerth Industrial Services provides customized solutions to help our customer use truly “clean” fasteners in its assembly process.

To ensure and monitor these cleanliness requirements, Wuerth Industrial Services is collaborating with selective service providers and employing state-of-the-art equipment and analysis technologies.

Our services include:

- Cleaning of fasteners
- Gravimetric measurement of residual contamination
- Microscopic counting and classification according to individual company specifications
- Differentiate between metallic and non-metallic particles
- Documentation of test results

Product Related Services

To maintain the achieved level of cleanliness, the entire process chain must be analyzed. Requirements have to be geared to each other from manufacturing to logistics. The cleaned components can be delivered according to individual customer requirements or in a selection of our packing materials, as described below.

- Single packs
- Vacuum packaging
- Sorting, counting, weighing
- Protection against corrosion