Standards & Norms

High Purity



emtechnik has had a clean room to DIN EN ISO 14644-1 class 5 since 1997 (since 2018 also class 7). This facility makes it possible to clean and assemble our products in a contamination-free atmosphere.

All of our products certified to conform to the high-purity standard undergo a carefully monitored production process at our works: For preparation for further processing in the clean-room, products we manufacture using either injection moulding or by mechanical means are first pre-cleaned in an ultrasound bath with an oil separator and a DI bath. In the clean-room itself, the products are cleaned a second time and dried in vacuum conditions. The products are then final assembled and quality controlled by specially trained employees.

All clean-room products are placed in special double-welded packaging for safe transport. This packaging is also filled with class 5.0 nitrogen.

We can pre-treat our products on request according to their intended application to achieve a silicon-free or oil and grease-free surface.