



## 5. Clean Room

- Flexible
- Reliable
- Fast
- Efficient
- Certified

### A Clear Vision on Clean Products

Due to a growing awareness in the field of purity, industry focuses more and more on effectively controlling manufacturing processes. The goal is to prevent technical components from being the cause of pollution in processes and systems. Pollution can originate from airborne solid particles, which can be visible or invisible. These particles are called aerosols. To avoid this type of pollution is an important factor in the pharmaceutical, semiconductor and food industry.



Passion for technology



## 5. Clean Room

- Seals
- O-rings
- Coupling rings
- Triclover seals
- Hoses
- Couplings
- Plastic piping
- Valves
- Instrumentation

### ISO class 7

The size of a human hair is 100  $\mu\text{m}$  on average. Nowadays it is possible to filter up to 0.5  $\mu\text{m}$  with very good results and relatively little effort. This filtering takes place in the cleanroom. This sealed space is filled with air in which only a limited number of particles with a size of about 0.5  $\mu\text{m}$  are accepted to float inside clean room. The current standard for the industry is ISO 14644-1. Within this standard, ERIKS uses ISO class 7 (also known as class 10,000) for the clean room. The cleaning and packing takes place in an even tighter class 100 environment which is accepted by 90% of the industry.

### Clean room cleaning and packing

ERIKS is fully equipped to take over your cleaning and packing activities in its own clean room.

Out-gassing of rubber products by means of vacuum ovens is also an added ERIKS-value to the market.



**ERIKS MTC: Material Technology Centre**