

Supplementary conditions for cleaning services

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In order to ensure the offered cleanliness properties after the cleaning process and to meet the agreed delivery times, the component to be cleaned and delivered by the Customer must have the following properties:

The specifications offered can only be guaranteed if:

1. the order is received by VACOM at least three days before delivery of the component.
2. the following technical parameters of the component are available with the order at the latest:
 - material number
 - technical drawing with external dimensions
 - surface area in cm²
 - material
 - maximum temperature (if no maximum temperature is specified, aluminum is thermally loaded up to 120 °C and stainless steel up to 200 °C)
3. the component is packaged with a barcode label on delivery.
4. the delivery is made in suitable transport packaging that protects the shape and functionality, as well as the pre-cleaning condition of the component. In the case of reusable transport packaging, please note that approx. The cleaned, room-compatible packaged components require 10-30% more space (please consult us).
5. the component is delivered in a condition prepared for ultra-fine cleaning, i.e., in detail:
 - No particle abrasion, no fibers, lint or dust, no burrs or chips
 - No scratches, roughness Ra ≤ 1.8 μm
 - Free of oil and grease / free of lubricants and other machining fluids
 - Free from adhesives
 - Free of firmly adhering run-off, residues, etc.
 - No discoloration and/or tarnishing

In particular, care must be taken to ensure that surfaces, holes, and threads are free of any residues and stains, i.e., they must be visually clean, i.e., no stains or other residues must be visible.

The visual inspection must be carried out in sufficiently bright surroundings. The wipe test uses isopropanol-soaked or wetted, lint-free, white cloths or Q-tips at several points on the component. The components are wiped with moderate pressure. No dark, yellow, or greasy residue should be visible. There must be no residual liquids in or leaking from drill holes.

Furthermore, it must be ensured that the components do not contain any of the following contaminants:

- Silicones (e.g., lubricants, sealants, and sealant media, defoamers, ...)

- organic sulfur and phosphorus compounds (e.g., in cleaning media and cooling lubricants, ...)
- halogenated hydrocarbons (e.g., Teflon compounds, dichloromethane, perfluorinated and per chlorinated hydrocarbons, ...)
- Zinc, tin, lead, indium, and other heavy metals (e.g., brass components on processing machines and media-carrying areas, alloys containing heavy metals, erosion wire, ...)
- Other pollutants

6. Packaging requirements for delivery

The components must be packed and transported in clean, i.e., oil-free, grease-free, and lint-free film or plastic containers. Paper, cardboard, wood, or bubble wrap should be avoided. The designations and labels of the components must be affixed to the outside of the packaging material and not to the components. In particular, care must be taken to ensure that components are not directly labeled or inscribed (with the exception of mechanical marking such as engraving, laser engraving, punch numbers)

Any deviations from this must be agreed with VACOM.

- Encapsulated components are leak-tight
- up to and including PC2 at least $1E-7 \text{ mbar} \cdot \text{l} / \text{s}$ for air
- from PC2+ at least $1E-09 \text{ mbar} \cdot \text{l} / \text{s}$ for air.

If the foresaid points are not fulfilled, VACOM reserves the right to return the component to the Customer or to make the necessary preparations separately and at the Customer's expense. The resulting delays shall extend the delivery time. The Customer shall be entitled to prove that no or less damage has occurred.