All welds must be made using the specified techniques with 100% penetration. Welds and all other surfaces must not be finished by grinding or any other mechanical abrasion. Any part (or component) of the vacuum system showing a mean temperature calculated leak rate (localized or global), when measured with a calibrated UV leak detector, in excess of 1.0 x 10⁻¹¹ Pa·m³·s⁻¹ (1.0 x 10⁻¹⁰ mbar·l·s⁻¹) will be considered as unacceptable.

1. Component fabrication (degassing and welding).
2. Inscribe drawing number on shaded area with an electrical pen.
3. Leak detection, the test report has to be supplied to the AT Vacuum Group.
4. UVN cleaning according to CERN report "procedure quality": 867.11 (for Stainless steel) or 867.12 (for aluminium and copper). EDMS reference number 796034.

Approximate mass: 0.147 kg
Masse approximative

* Full penetration
Maximum exceeded penetration inside the vacuum chamber: 0.75 mm

ISO 2768-mm-E