

# Hygienic Design-compatible Washer HYGIENIC USIT®



Metallic flat seal with elastomer sealing ring made of 70 EPDM 291 for static sealing free of air spaces. Process Seals' Hygienic Usit®, specially developed for use in the food and beverage, pharmaceutical and biotechnology industries, sets new standards for the process industries.



Many plant and machinery manufacturers supplying the food and beverage or pharmaceutical industries often use standard Usit rings for joints in and around the product area. However, these rings are not EHEDG-compliant, since fluids can collect under the bolt head and therefore a hygienic seal is not guaranteed.

Process Seals' Hygienic Usit®, specially designed for Hygienic Design-compliant applications, is strictly manufactured with approved materials and delivers reliable sealing performance.

## Your benefits at a glance

- Hygienic sealing
- Prevents contaminating deposits
- Prevents the formation of germs and bacteria
- Protects your product from external influences
- FDA-compliant and USP Class VI-tested (121 °C)
- No tooling costs; part of our standard program

Little washer – big difference

# HYGIENIC USIT®



The Hygienic Usit®, an advanced variant of the traditional standard Usit rings, ensures that standard bolt heads are hygienically sealed in accordance with EN DIN 1665 standards for areas that come into contact with the product or those within aseptic isolators. This prevents the medium from accumulating under the bolt head and causing the formation of germs and bacteria.

Thanks to certifications including FDA and USP Class VI (to 121 °C) for the 70 EPDM 291 elastomer sealing rings, as well as a recommendation made by the Research Center Weihenstephan for Brewing and Food Quality (testing in accordance with EHEDG Cleanability methods), the Hygienic Usit® is your best choice for hygienically demanding applications in the food and beverage, chemical and pharmaceutical industries, raising the bar for hygienic standards.



**TYPE EL - CLASS I**  
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With the Hygienic Usit®, there is no need to disassemble facilities for cleaning purposes, as it permits the use of CIP (Cleaning in Place), WIP (Washing in Place) and SIP (Sterilization in Place) methods.

## Certifications and Approvals

**FDA**

**EU (VO) 1935/2004**

**ADI free** (Animal Derived Ingredients)

**TSE free** (Transmissible Spongiforme Enzephalopathie)

**USP Class VI, 121 °C**

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