



## Bonded seal USIT I SF

### DESCRIPTION

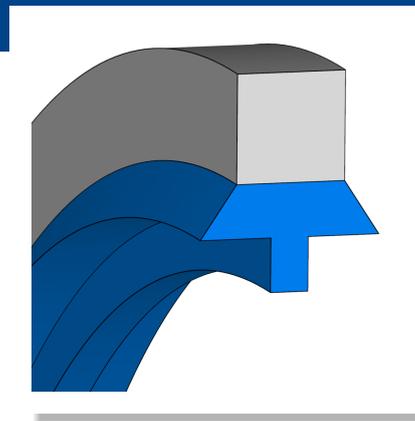
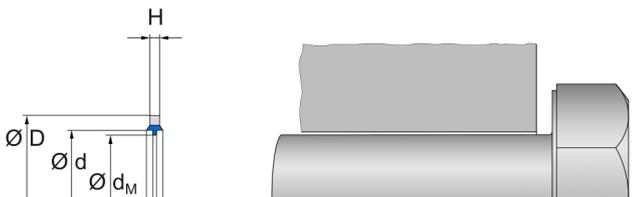
- Elastomer sealing lip vulcanized on the inside
- Additional centering
- Sealing material: FKM, NBR
- Material metal ring: high tensile steel SPCC-1B (similar to DC01 C590), stainless steel SUS 304 (similar to X5CrNi 18-10), steel SPCC (similar to DC01 C290)

### FUNCTION

- Provides protection against dirt from outside, prevents leakage of media, no pressure loss
- Centering diaphragm ensures fixation in correct position during assembly
- Sealing effect due to compression of the elastomer lip

### PRODUCT ADVANTAGES

- Excellent sealing effect
- Metal washer ensures controlled pressing
- Fixing by internal centering
- Simple assembly
- Reusability
- Wide delivery spectrum (almost all standard dimensions from stock)



### APPLICATIONS

- Sealing of screw connections and flange connections, e.g. in mechanical engineering

### APPLICATION LIMITS

- Permissible maximum values depending on the other operating conditions, see technical manual.

### MEDIA RESISTANCE

- Please refer to resistance information in the chemical resistance guide at [www.fst.com](http://www.fst.com).

### CONFORMITY AND CERTIFICATES

- Please consult the material data sheet valid for the respective material for current information on approvals and certificates.

### DESIGN GUIDELINE

- Please refer to the technical manual for design guidelines.

### INSTALLATION GUIDELINE

- The prerequisite for perfect function of the seal is careful installation in accordance with the technical manual.

### STORAGE ADVISE

- Storage temperature <25°C
- No direct heat sources
- No direct sunlight
- No condensation in the storage room
- No exposure to ozone or ionizing radiation
- Recommendations based on the revision of ISO 2230 dated 16.09.1992