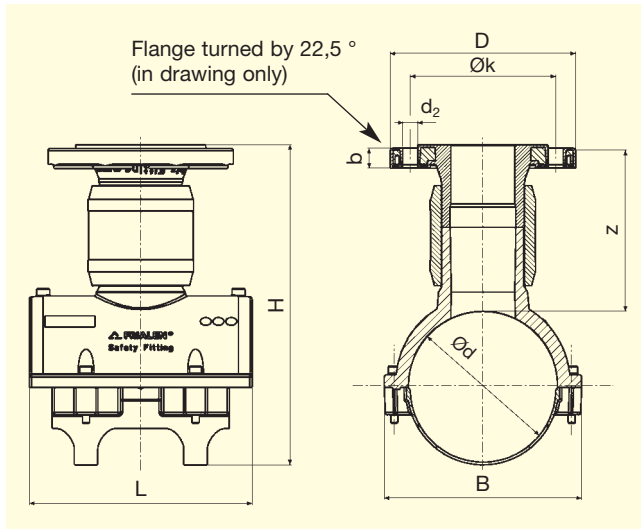


FRIALEN®-Spigot Saddle with Flange Adaptor SAFL PE 100 SDR 11

Maximum working pressure 16 bar (water) / 10 bar (gas)



Supplementary washers are necessary

| d/DN | Order-Ref. | Stock-status | VE | PE | Holes for screws | Ø k | D | d ₂ | Drilling Ø | L | B | H | z | b | Weight kg/each |
|---------|------------|--------------|----|----|------------------|-----|-----|----------------|------------|-----|-----|-----|-----|----|----------------|
| 110/ 80 | T-616 016 | 1 | 3 | 54 | 8 | 160 | 204 | 16.5 | 65 | 190 | 165 | 296 | 180 | 25 | 3.735 |
| 125/ 80 | T-616 017 | 1 | 2 | 36 | 8 | 160 | 204 | 16.5 | 65 | 205 | 185 | 311 | 180 | 25 | 3.940 |
| 160/ 80 | T-616 018 | 1 | 2 | 36 | 8 | 160 | 204 | 16.5 | 65 | 245 | 217 | 346 | 180 | 25 | 4.290 |
| 180/ 80 | T-616 019 | 1 | 2 | 36 | 8 | 160 | 204 | 16.5 | 65 | 285 | 241 | 366 | 180 | 25 | 4.570 |
| 225/ 80 | T-616 020 | 1 | 2 | 16 | 8 | 160 | 204 | 16.5 | 65 | 284 | 286 | 411 | 180 | 25 | 4.720 |
| 125/100 | T-616 021 | 1 | 2 | 36 | 8 | 180 | 224 | 16.5 | 84 | 205 | 185 | 311 | 180 | 27 | 4.800 |
| 160/100 | T-616 022 | 1 | 2 | 36 | 8 | 180 | 224 | 16.5 | 84 | 245 | 217 | 346 | 180 | 27 | 5.270 |
| 180/100 | T-616 023 | 1 | 2 | 36 | 8 | 180 | 224 | 16.5 | 84 | 285 | 241 | 366 | 180 | 27 | 5.585 |
| 225/100 | T-616 024 | 1 | 2 | 16 | 8 | 180 | 224 | 16.5 | 84 | 284 | 286 | 411 | 180 | 27 | 5.690 |

FRIALEN®-Safety Fittings can be fused to pipes of SDR stages 11 to 17.6
DVGW-Registration No.: DV-8606AU2249

Please turn over for important information regarding application of
FRIALEN®-Spigot Saddle with Flange Adaptor SAFL

FRIALEN[®]-Spigot Saddle with Flange Adaptor SAFL PE 100 SDR 11

Maximum working pressure 16 bar (water) / 10 bar (gas)

Areas of Application

The FRIALEN[®] Spigot Saddle with Flange Adaptor SAFL is used for the integration of flange valves and hydrants up to PN 16.

Assembly Instructions

The saddle of the SAFL is mounted and fused onto the HDPE mains. Drilling into the HDPE mains can take place

- without pressure in the mains
- under operating pressure on application of a gate-valve on the flange side

using standard drill equipment. We recommend Hütz + Baumgarten.

The fusion of the saddle piece with the HDPE mains takes place using FRIALEN[®]-fusion – leakproof and longitudinally strong. Saddle and HDPE mains are prepared according to the general installation instructions (see Assembly Instructions for “FRIALEN[®]-Safety Fittings for house connections and distribution pipes up to d 225”). This involves removing oxide skin.

The flange connection measurements correspond to DIN EN 1092-1. Supplementary washers are required.

All standard profile and flat gaskets can be used. Torques advised by the gasket manufacturer must be observed. We recommend profile gaskets of type G-St.

Ten good reasons for using the FRIALEN[®]-Spigot Saddle with Flange Adaptor SAFL:

- **Compact component from HDPE**
- **Flange adaptor and flange are one component. They make up one homogeneous unit**
- **Factory made combination of FRIALEN[®]-Spigot Saddle, FRIALEN[®]-Coupler and Full Faced Flange**
- **Smooth on the inside and no fusion bead at the connection between SA and EFL, optimum hydraulics**
- **The cold flowing properties well known with HDPE are avoided by constructive flange design**
- **Solid construction. Integration of the flange prevents tear-off**
- **Short overall length for horizontal and vertical installation**
- **Top stability due to great wall thickness**
- **Extremely economical solution**
- **Additional barcode for tracing back the underground fitting (Traceability-Coding).**

Please find our datasheets for
downloading on the internet at
www.frialen.com

**For further information please call our
FRIALEN[®] customer service staff and specialist advisers.**