

# SA UNI

## Saddle with outlet spigot Universal SDR 11

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Gas, water and H<sub>2</sub>

- Maximum pressure: Gas 10 bar, Water 16 bar
- Material: PE 100
- Universal clamping option (balanced loading):
  - Safe clamping with UNITOP
  - Ideal distribution of force application
  - Perfect adaptation to pipe diameter
- Pressure test of the fusing before tapping possible
- Tapping under pressure possible
- Safety technology
- DVGW test mark: DV-8611AU2250

### Note:

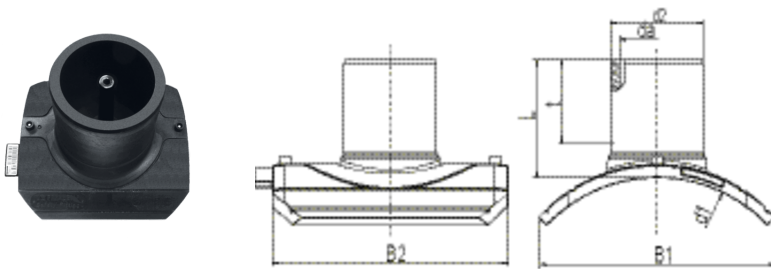
Can only be used with the clamping device UNITOP (Order No. 613385).

For pressure-free tapping, we recommend our FWAB drilling device.

Pressure test of the fusing before tapping with pressure test adapter FWDPA SA (Order No. 613596).

For tapping under pressure, please contact our hotline: +49 621 486-2325.

Also suitable for all special dimensions in relining application. For intermediate sizes in the diameter range  $d_{280} < d < d_{315}$ , please use SA UNI  $d_{250} - 280$ .



PE 100 SDR 11

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



Reference	d <sub>1</sub>	d <sub>2</sub>	BX	PU	L	t	B1	B2	Drilling Ø d <sub>a</sub>	Weight kg
616553	250-280	90	5	40	130	79	260	279	65	1,465
616554	250-280	110	5	40	140	82	260	279	84	1,610
616555	250-280	125	5	40	146	87	260	279	95	1,790
616556	250-280	160	5	40	158	98	260	279	123	2,180
616557	315-400	90	5	40	130	79	280	279	65	1,485
616558	315-400	110	5	40	140	82	280	279	84	1,630

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Reference	d <sub>1</sub>	d <sub>2</sub>	BX	PU	L	t	B1	B2	Drilling Ø d <sub>a</sub>	Weight kg
616559	315-400	125	5	40	146	87	280	279	95	1,810
616560	315-400	160	5	40	158	98	280	279	123	2,190
616561	450-900	90	5	40	130	79	307	279	65	1,500
616562	450-900	110	5	40	140	82	307	279	84	1,645
616563	450-900	125	5	40	146	87	307	279	95	1,820
616564	450-900	160	5	40	158	98	307	279	123	2,200

FRIALEN safety fittings can be fused with SDR levels 11 to 26. Processing of other SDR levels on request. Please note the mandatory labels directly on the product.

DVGW test mark issued: DV-8611AU2250.

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#### Areas of Application

Instead of cost-intensively integrating a T-piece, a branch or vent can be very comfortably created using the FRIALEN Saddle with outlet spigot Universal SA UNI. The spigot outlet can be fused with FRIALEN couplers MB or UB.

#### Assembly Instructions

The saddle is clamped onto the pipe with the UNITOP clamping device (see FRIATOOLS product range). The clamping device UNITOP is an universal tool for all SA UNI dimensions. Please read the assembly and operating instructions for the clamping device UNITOP.

The fusion of the HD-PE distribution pipes and the house connections with FRIALEN Saddle with outlet spigot Universal SA UNI takes place by FRIALEN-fusing – leakproof and longitudinally strong.

The saddle and the outlet spigot have to be prepared according to the general installation instructions (see assembly instruction FRIALEN safety fittings). This involves removing the oxide skin and cleaning the pipe covered by the saddle.

For tapping of pipes without pressure please use the FRIATOOLS tapping equipment FWAB. Please refer the assembly and operating instructions of the drilling device FWAB. The fusion and tapping of pipes under pressure is possible with special tapping equipment. Please contact our applications engineers.

#### Good reasons for using the FRIALEN Saddle with outlet spigot Universal SA UNI:

- Compact construction
- HD-PE saddle with exposed heating element for optimal heat transfer
- Low tapping forces
- Burr-free and almost flush tapping for maximum hydraulic performance
- Leakage free tapping possible by means of a shut off element
- Extra wide fusion zone
- Additional barcode for tracing back the underground fitting (Traceability-Coding)
- Before tapping the pipe a leak test can take place with the pressure testing device (FWDPA SA)
- Touch proof electric contacts
- Easy and safe assembly by top-loading with the UNITOP clamping device.
- Fusion indicators for visual fusion control
- Durable batch marking
- Individually wrapped for dirt protection