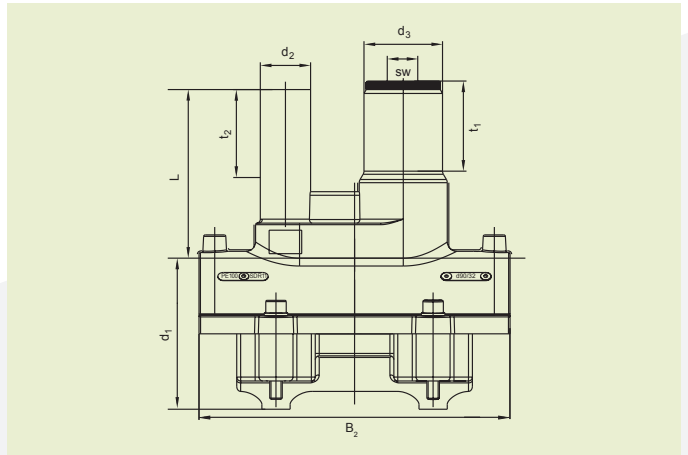


FRIALEN® SAFETY FITTINGS

DAP PRESSURE TAPPING TEES WITH PARALLEL DOME AND EXTRA LONG OUTLET SPIGOT



PE 100 SDR 11

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



| d ₁ | d ₂ | Order Ref. | Stock-status | BX | PU | d ₃ | L | t1 | t2 | Drilling Ø d ₃ | Weight kg/each |
|----------------|----------------|------------|--------------|----|-----|----------------|-----|----|-----|---------------------------|----------------|
| 63 | 32 | 616042 | 1 | 16 | 288 | 40 | 125 | 50 | 84 | 21 | 0,630 |
| 90 | 32 | 616043 ① | 1 | 16 | 128 | 50 | 115 | 58 | 65 | 30 | 1,100 |
| 110 | 32 | 615581 | 1 | 12 | 96 | 50 | 158 | 58 | 115 | 30 | 1,280 |
| 110 | 50 | 615606 | 1 | 12 | 96 | 50 | 158 | 58 | 115 | 30 | 1,380 |
| 125 | 32 | 615711 | 1 | 12 | 96 | 50 | 158 | 58 | 115 | 30 | 1,310 |
| 125 | 50 | 615712 | 1 | 12 | 96 | 50 | 158 | 58 | 115 | 30 | 1,360 |
| 160 | 32 | 615713 | 1 | 8 | 64 | 50 | 170 | 70 | 115 | 30 | 1,540 |
| 160 | 50 | 615714 | 1 | 8 | 64 | 50 | 170 | 70 | 115 | 30 | 1,560 |
| 180 | 32 | 615715 | 1 | 6 | 48 | 50 | 170 | 70 | 115 | 30 | 1,540 |
| 180 | 50 | 615716 | 1 | 6 | 48 | 50 | 170 | 70 | 115 | 30 | 1,560 |
| 225 | 32 | 615717 | 1 | 6 | 48 | 50 | 170 | 72 | 115 | 30 | 1,570 |
| 225 | 50 | 615718 | 1 | 6 | 48 | 50 | 170 | 72 | 115 | 30 | 1,590 |

FRIALEN-Pressure Tapping Tees ≤ d 63 can be fused to pipes of SDR stage 11 and > d 63 to pipes of SDR stages 11 to 17.6
Minimum wall thickness s min ≥ 3 mm. Other SDR-stages on request. Please observe the marking directly at the product, which is mandatory. DVGW-Registration Nos.: DV-8601AU2248 and DV-8606AU2249

① max. working pressure 10 bar (water)/5 bar (gas)

FRIALEN® SAFETY FITTINGS

DAP PRESSURE TAPPING TEES WITH PARALLEL DOME AND EXTRA LONG OUTLET SPIGOT

Areas of Application

The FRIALEN DAP is used for HD-PE pipe systems both in the water and gas industry. The outlet spigot has been designed to be extra long. These pressure tapping tees are particularly suited for space-saving horizontal installation.

Assembly Instructions

The fusion of the HD-PE distribution pipes and the house connections with FRIALEN-Pressure Tapping Tees 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 Instructions” for “FRIALEN-Safety Fittings for house connections and distribution pipes up to d 225”). This involves removing the oxide skin and cleaning the pipe covered by the saddle.

Good reasons for using FRIALEN DAP Pressure Tapping Tees:

- Economy due to space-saving horizontal installation. Excavation depth of pipe system trenches reduced by 10-20 cm
- Protection from damage during subsequent work in the trench through the dome and outlet being positioned below the mains pipe apex
- Length of the outlet spigot measured for 2 fusions
- Additional barcode for tracing back the underground fitting (Traceability-Coding)

In addition, all tried-and-tested advantages of a FRIALEN Pressure Tapping Tee apply:

- Compact construction
- Installation without rounding clamp and special tools
- Preassembled unit without loose parts
- Leakage check possible before tapping
- Swarfless tapping
- Leakage free tapping of gas pipe up to 10 bar working pressure
- Little force required for tapping
- Punched-out pipe piece fits securely in drill
- Drill guided in metal sleeve
- Drill with upper and lower stop
- Extra wide fusion zone
- Dome can be fused with cap after tapping
- Length of outlet spigot dimensioned for two fusion operations
- Installation using elastic clamp for optimum build-up of molten mass pressure during fusion