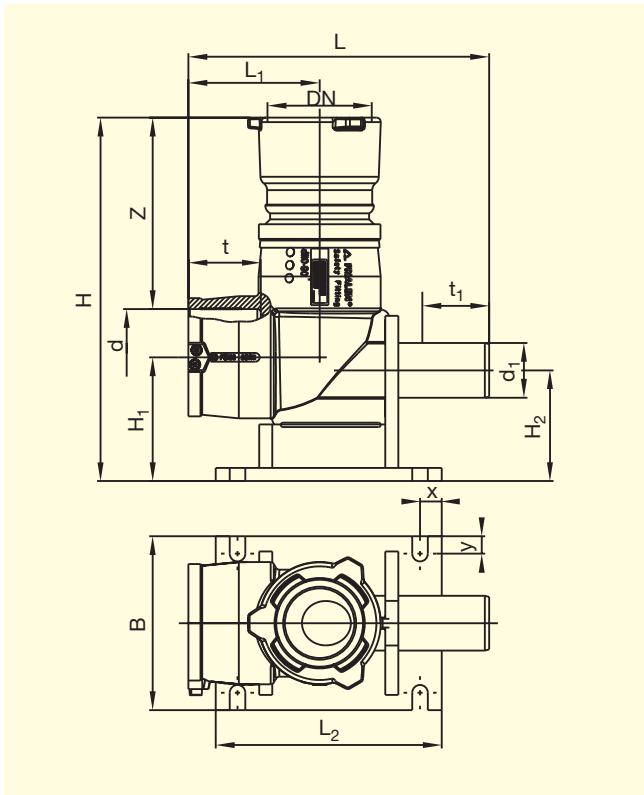


FRIALEN®-Elbow 90° WFGB/WFGN with base and HDPE/GGG adapter for the connection of spigot hydrant Baio WFGB/NOVOSIT WFGN

PE 100 SDR 11

Maximum working pressure 16 bar (water)



FRIALEN®-WFGB (Baio)

d/DN	d1	Order Ref.	Stock-status	VE	PE	L	L ₁	L ₂	B	H	H ₁	H ₂	Z	t	t ₁	Weight kg/each
110/80	63	T-616 150	1	3	12	346	151	260	200	418	142	127	220	81	75	8.340

FRIALEN®-WFGN (NOVOSIT)

d/DN	d1	Order Ref.	Stock-status	VE	PE	L	L ₁	L ₂	B	H	H ₁	H ₂	Z	t	t ₁	Weight kg/each
110/80	63	T-616 151	1	3	12	346	151	260	200	424	142	127	226	81	75	8.460

For measurements of Elbow 90° with WF 90° pedestal see data sheet No. 47

FRIALEN®-Safety Fittings can be fused to pipes of SDR stages 11 to 17.6

Please turn over for important information regarding application of the **FRIALEN®-Elbow 90° WFGB/WFGN**



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PE 100 SDR 11

Maximum working pressure 16 bar (water)

Areas of Application

The FRIALEN®-Elbow WFGB/WFGN with base and adapter HDPE/GGG allow for connection with axial force to hydrant with cast spigot of the Baio (WFGB) system or NOVOSIT (WFGN).

Connecting the hydrant takes place either

- by screwing the spigot hydrant (Baio/WFGB^①) in until it locks into position or
- by pushing the spigot hydrant into the locking ring (NOVOSIT/WFGN^①).

The safety device for protecting the Baio connection from dirt and distortion when activating the hydrant is **not** included in the delivery schedule.

Sealing ring and locking ring (WFGN) of the cast coupler are included in the delivery schedule.

Assembly Instructions

Please refer to the FRIALEN®-installation instructions ("Installation Instructions" for FRIALEN®-safety fittings for service and distribution lines up to d 225) for required preparation of the fusion process for the side of the elbow with HD-PE pipe and the main pipeline (mark insertion depth, remove oxidic layer, clean etc.)

① Mounting the cast spigot is done according the installation instructions by the manufacturer of the system used.

- We reserve the rights to make technical changes -

Ten good reasons for choosing the FRIALEN®-Elbow 90° WFGB/WFGN with base and adapter

- Large PE coupler depth for excellent guidance of pipes and moulded parts
- Small annular gap resulting in optimum joining pressure in the fusion zone
- Extra wide fusion zone
- Cold zone at the front and in the centre of the coupler
- Exposed heating coil for optimum heat transfer to the pipe
- Additional barcode for tracing back the underground fitting (Traceability-Coding).

Advantages of the cast connection

- Locking of the cast spigot longitudinally strong, without flange – and with the option for it to be undone again
- No flange bolted connections which tend to corrode and are complicated to mount
- Simple hydrant connection – easily to install
- Stable position of spigot hydrant on FRIALEN®-Elbow 90°.

Please find our datasheets for downloading on the internet at www.friatec.de

For further information, please call our FRIALEN®-customer service staff and specialist advisers.

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