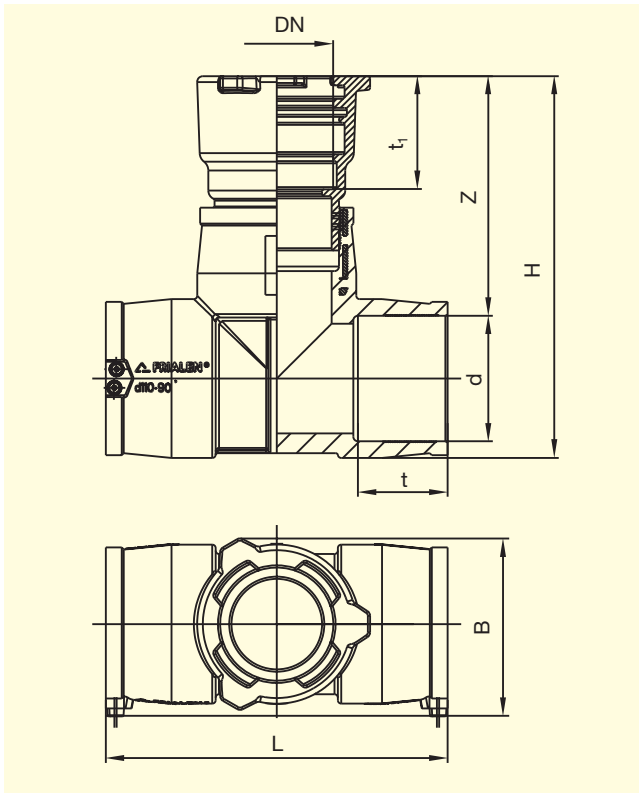


FRIALEN®-T-Pieces TGB/TGN with Adapter HDPE/GGG for the connection of spigot hydrants Baio TGB/NOVOSIT TGN *PE 100 SDR 11*

Maximum working pressure 16 bar (water)



FRIALEN®-TGB (Baio)

d/DN	Order Ref.	Stock-status	VE	PE	L	B	H	Z	t	t ₁	Weight kg/each
110/80	T-616 147	1	4	16	302	158	337	212	83	110	7.530
125/80	T-616 148	1	3	12	314	168	352	210	85	110	8.300
160/80	T-616 149	1	2	8	390	206	376	196	96	110	12.000

FRIALEN®-TGN (NOVOSIT)

d/DN	Order Ref.	Stock-status	VE	PE	L	B	H	Z	t	t ₁	Weight kg/each
110/80	T-616 144	1	4	16	302	158	343	218	83	112	8.000
125/80	T-616 145	1	3	12	314	168	358	216	85	112	8.670
160/80	T-616 146	1	2	8	390	206	418	238	96	112	13.850

See data sheet No. 10 for T-Pieces measurements

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®-TGB/TGN

FRIALEN[®]-T-Pieces TGB/TGN with Adapter

HDPE/GGG for the connection of spigot hydrants

Baio TGB/NOVOSIT TGN

PE 100 SDR 11

Maximum working pressure 16 bar (water)

Areas of Application

The FRIALEN[®]-T-Pieces TGB/TGN with HDPE/GGG adapter allow the connection (longitudinally strong) of a hydrant to a cast spigot of the Baio system (TGB) or NOVOSIT (TGN).

Connecting the hydrant takes place either

- by screwing the spigot hydrant (Baio/TGB ^①) in until it locks into position or
- by pushing the spigot hydrant into the locking ring (NOVOSIT/TGN ^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 (TGN) of the cast coupler are included in the delivery schedule.

Assembly Instructions

Fusing the pipe ends to the FRIALEN[®]-T-piece takes place using FRIALEN[®]-fusion process – leakproof and longitudinally strong.

The pipe ends are prepared (remove oxidic layer and clean) according to the general installation instructions (see also “Assembly Instructions” for “FRIALEN[®]-Safety Fittings for house connections and distribution pipes up to d 225”).

- ① Mounting the cast spigot is done according to the installation instructions by the manufacturer of the system in use.

- We reserve the rights to make technical changes -

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

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Fourteen good reasons for choosing the FRIALEN[®]-T-Piece TGB/TGN with adapter

- Large PE coupler depth for optimum pipe guidance (no supporting device required)
- Extra wide fusion zones
- Maximum stability through large wall thickness
- Cold zones at the front and in the centre of the coupler
- Exposed heating coil for direct heat transfer to the pipe
- Small annular gap resulting in optimum joining pressure in the fusion zone
- Contacts safe to touch
- Permanent batch marking
- Packed individually to protect from contamination
- Additional barcode tracing back the underground fitting (Traceability-Coding)

Advantages of the cast connection

- Locking of the cast spigot longitudinally strong, without flange – yet 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 carried out
- Stable position of spigot hydrant on FRIALEN[®]-T-Piece joint.

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



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