

GIGA PE Under pressure flanged tee for PE pipe

REFERENCE SPECIFICATIONS

Grid	Water
Highest operating pressure	16 bar
Pipe material	PE
Pipe outer diameter	110 to 315 mm
Outlet size	Flange DN65, DN80 and DN100



Applications

Under pressure flanged tees for large diameter service connections and by-pass branching to be installed on PE pipes for pressure up to 16 bar in water.

Connection type

Electrofusion Giga flanged tees have an upper DIN flanged connection. Lower part is an electrofusion saddle for up to SDR11 PE pipes. The right size shall be chosen for each size of branch and mains pipes.

Drinking water certificated

Torre® saddles are equipped with EPDM joints certified for use with drinking water under WRAS: "Water Regulations Advisory Scheme" and under ACS: "Attestation de Conformité Sanitaire".

Slide plate shut off

To carry out the under pressure connection operation, water flow is interrupted by insertion of a stainless steel sliding plate supplied with each Giga equipment.

Convenient installation

Compact design of Torre® drilling tool and strap anchoring system, both enable to install Giga flanged tees in restricted access spaces in any vertical, horizontal or inclined position.

Capping off service connections

Loosening the nuts and inserting the slide plate, repair work can be carried out on the service connection network or the tapping can be capped off by means of inserting a blind end flange.

Storage advantages

Saddles and straps alike are supplied in labelled boxes to make handling, storage and identification easier. Each box comes with a brochure including detailed assembly instructions along with information sheet detailing application range and the size of drilling cutter that should be used.

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Technical data

ELECTROFUSION GIGA FLANGED TEES

SIZES, REFERENCES AND APPLICATION RANGE

SIZE	ØP	ØD	REFERENCE	Ød	ØK	N	L	UTS. / BOX
65	58	110	2420 S 065/110	185	145	4	198	1
65	58	125	2420 S 065/125	185	145	4	198	1
65	58	160	2420 S 065/160	185	145	4	198	1
65	58	180	2420 S 065/180	185	145	4	198	1
65	58	225	2420 S 065/225	185	145	4	198	1
65	58	250	2420 S 065/250	185	145	4	198	1
65	58	315	2420 S 065/315	185	145	4	198	1
80	65	110	2420 S 080/110	200	160	8	198	1
80	65	125	2420 S 080/125	200	160	8	198	1
80	65	160	2420 S 080/160	200	160	8	198	1
80	65	180	2420 S 080/180	200	160	8	198	1
80	65	225	2420 S 080/225	200	160	8	198	1
80	65	250	2420 S 080/250	200	160	8	198	1
80	65	315	2420 S 080/315	200	160	8	198	1
100	90	160	2420 S 100/160	220	180	8	217	1
100	90	180	2420 S 100/180	220	180	8	217	1
100	90	225	2420 S 100/225	220	180	8	217	1

COMPONENTS

MATERIALS

PIN	Steel + Geomet 500 gr. B
NUT	Steel + Geomet 500 gr. B
WASHER	Steel + Geomet 500 gr. B
SCREW	Steel + Geomet 500 gr. B
SEAL SLIDE PLATE	EPDM, Rubber (EN 681-1)
SPOOL	Ductile Iron GJS-450-10 + Rilsan (EN 1563)
BASE FLANGE	Ductile Iron GJS-450-10 + Rilsan (EN 1563)
SADDLE	PE100 SDR11 (EN 1555-3)
SLEEVE	AISI 316 / Bronze Rg5 / Brass CW617N
O-RINGS	NBR, Rubber (EN 549)

