

FLEX-SEAL Collar (gravity)

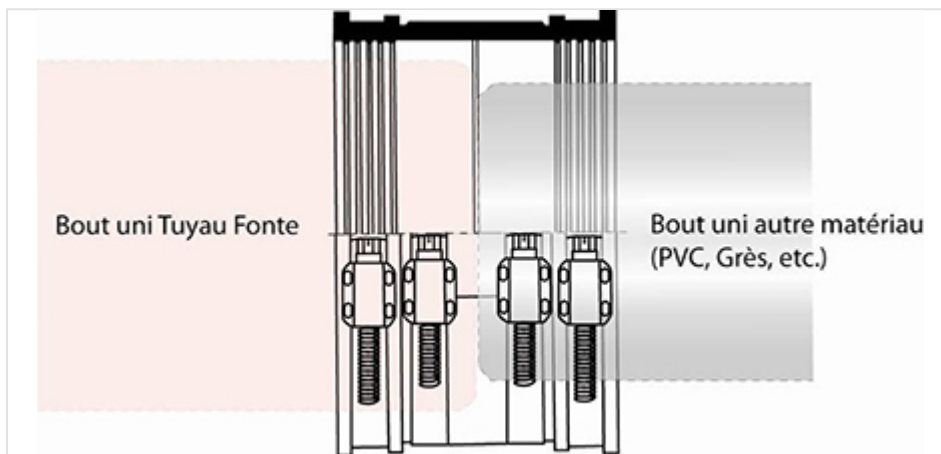


Specifications of use:

- Collars for gravity sewer systems
- The two spigots must be clean, dry and spaced maximum 10mm.
- Allowed angular deflection: 3 degrees.
- Collars support shear stresses following the draft Standard CEN only if the difference of the diameters to be connected is $< 10\text{mm}$; beyond it will be necessary to have a rigid laying bed or a special collar.
- Tightening of the screws :
 - First, the screw on the largest spigot side
 - Second, the screw on the central reinforcement
 - Then, the screw on the smallest spigot side
- Tightening torque of the screws : 0,7 m/dan
 - Screwdriver
 - 6 sides of 8

DN iron INTEGRAL/ TAG	DE nominal iron INTEGRAL/ TAG	Type of collar Flex Seal	Reduction ring	PVC	Clay	SMU	Mass (kg)	References
100 mm	118 mm	SC 120	BC 08	100 mm			1.00	TXB10NN0F
100 mm	118 mm	SC 120	-	110 mm		100 mm	0.70	TXB10NP01
125 mm	144 mm	SC 150	BC 16	110 mm			1.50	TXB12NN01
125 mm	144 mm	SC 150	BC 08	125 mm			1.30	TXB12NN0G
125 mm	144 mm	SC 150	BC 08		125 mm		1.50	TXB12NQ0G
125 mm	144 mm	SC 150	-			125 mm	1.00	TXB12NL0G
150 mm	170 mm	SC 170	BC 16	125 mm			1.80	TXB15NN0G
150 mm	170 mm	SC 170	BC 08	140 mm			1.40	TXB15NN0H
150 mm	170 mm	SC 170	-	160 mm	125 mm	150 mm	1.00	TXB15NM0J
150 mm	170 mm	SC 170	BC 08		150 mm		1.90	TXB15NQ0J
200 mm	222 mm	SC 225	BC 32	160 mm			2.50	TXB20NN0X
200 mm	222 mm	SC 225	BC 08	200 mm			1.90	TXB20NN0K
200 mm	222 mm	SC 225	BC 16		150 mm		2.00	TXB20NQ0J
200 mm	222 mm	SC 225	BC 08		200 mm		2.00	TXB20NQ0K
200 mm	222 mm	SC 250	-			200 mm	1.50	TXB20NL0K
250 mm	274 mm	SC 275	BC 32	200 mm			3.40	TXB25NN0K
250 mm	274 mm	SC 275	BC 08	250 mm			2.30	TXB25NN0L
250 mm	274 mm	SC 275	BC 16		200 mm		2.40	TXB25NQ0K
250 mm	274 mm	SC 310	BC 16		250 mm		3.10	TXB25NQ0L
300 mm	326 mm	SC 335	BC 32	250 mm			5.10	TXB30NN0L

DN iron INTEGRAL/ TAG	DE nominal iron INTEGRAL/ TAG	Type of collar Flex Seal	Reduction ring	PVC	Clay	SMU	Mass (kg)	References
300 mm	326 mm	SC 335	-	315 mm			2.90	TXB30NN02
300 mm	326 mm	SC 335	BC 16		250 mm		4.50	TXB30NQ0L
300 mm	326 mm	SC 360	BC 16		300 mm		4.70	TXB30NQ0M



Field of use:

- Separate sewer system
 - Application: gravity flow
 - Type of effluent: wastewater
 - Lastingly leak tight and impermeable
 - Laying in all types of soils
 - For effluents between pH1 and pH13
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- To connect the spigots of ductile iron pipes (INTEGRAL/BIOGAN) to other materials
 - To carry out changes of diameters

Main characteristics:

- Designed according to the regulatory texts:
 - EN 598
 - NF EN 476: general prescriptions for components used in the networks
 - NF EN 752: Conception of sewage projects
 - NF EN 1610: Reception of the works

- CCTG: Fascicule 70 (sewage work)
- NF EN 295
- German Certificate from MPA Dortmund
- Certificate from DIBT (comparable with CSTBat France)

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