



SI - Insulated hinged pipe clamp with EPDM sheath for drainage pipes

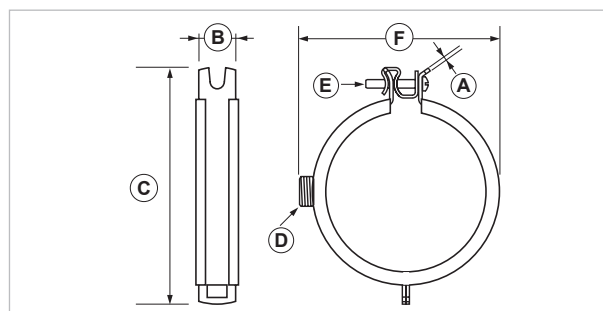
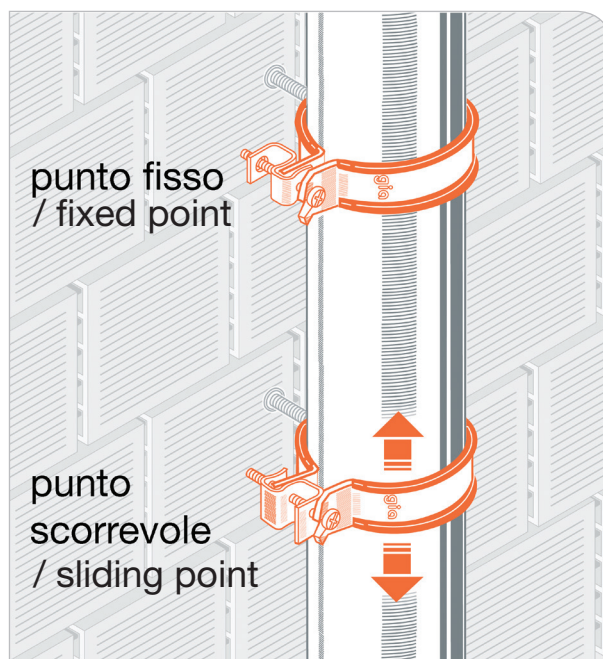


APPLICATION

Soundproof drainage pipe lines fastening.

FEATURES AND BENEFITS

- > The patented “S” shape of the coupling piece allows an **easy and reliable** execution of either **fixed or sliding points**.
- > The **clip locking system** speeds up the pipe clamp fastening: you just have to tighten the pre-mounted screw as required.
- > The special electro-welded adapter ensures **1/2" male and M10 female double hooking**.
- > The EPDM rubber ensures **acoustic insulation uniformity** on the whole pipe circumference.



| COD | TYPE | For pipe lines Ø mm | A | B | C | D | E | F |
|--------|----------|------------------------|------|----|-----|------------|-------|-----|
| 087075 | SI 75-78 | 75-78 | 2,50 | 25 | 130 | 1/2" x M10 | M6x40 | 105 |
| 087090 | SI 90 | 90 | 2,50 | 25 | 145 | 1/2" x M10 | M6x40 | 120 |
| 087110 | SI 110 | 110 | 2,50 | 25 | 165 | 1/2" x M10 | M6x40 | 140 |
| 087125 | SI 125 | 125 | 2,50 | 25 | 180 | 1/2" x M10 | M6x40 | 155 |
| 087135 | SI 135 | 135 | 2,50 | 25 | 190 | 1/2" x M10 | M6x40 | 165 |
| 087160 | SI 160 | 160 | 2,50 | 25 | 215 | 1/2" x M10 | M6x40 | 190 |





MATERIAL TECHNICAL DATA

MATERIAL

Steel DD11 (material. N. 1.0332) DIN EN 10111

GALVANIZATION

Electro zinc plating 7-8 µm

CONNECTING THREAD

½" male and M10 female

LOCKING SCREW

Steel 4.8 EN ISO 898.1 with electro zinc plating 7-8 µm
M6x40 - Rounded head combined shear screw

INSULATING SHEATH

Halogen free EPDM rubber

ACOUSTIC INSULATION

Noise reduction

RESISTANCE TO DEGRADATION

Resistant to atmospheric agents and UV rays

TEMPERATURE

- 35°C / + 90°C

HARDNESS - SHORE A

50 +/-5

CARICO DI ROTTURA

9 MPa min.

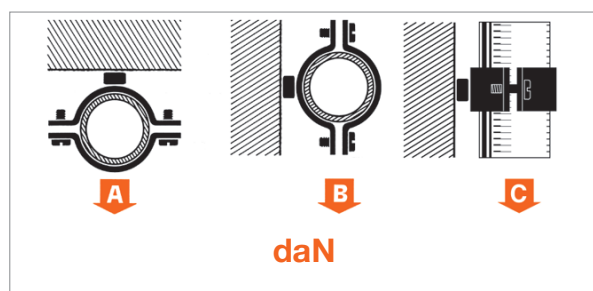
CONDUCTIVITY

0,3 W/Km

PERFORMANCE UNDER FIRE SITUATIONS

"E" EN 13501

RECOMMENDED LOADS



| TYPE | A | B | C |
|----------|----|----|----|
| SI 75-78 | 50 | 70 | 60 |
| SI 90 | 50 | 70 | 60 |
| SI 110 | 50 | 70 | 60 |
| SI 125 | 50 | 70 | 60 |
| SI 135 | 50 | 70 | 60 |
| SI 160 | 50 | 70 | 60 |

Tests were carried out in technical laboratory with a dynamometric machine. For wall fixing, stick to the strenght characteristics of the plug or the connecting support.

Recommended load is the average resistance loads with a safety coefficient. Data in daN. 1 daN=1 kg.



Acoustics in drainage systems

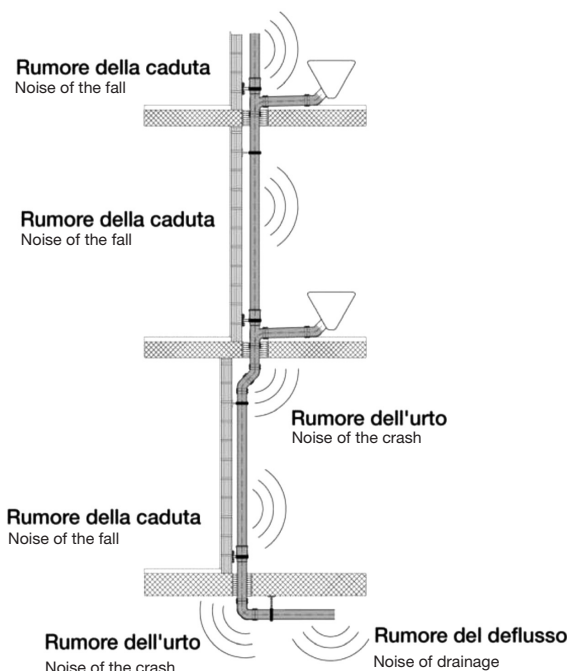
The noises produced by drainage systems are caused by **pipe lines vibration**, which is generated by the fall of waste liquids which:

- lap the walls of the vertical pipe line;
- hit against the joints walls when changing directions;
- flow in the horizontal pipe lines.

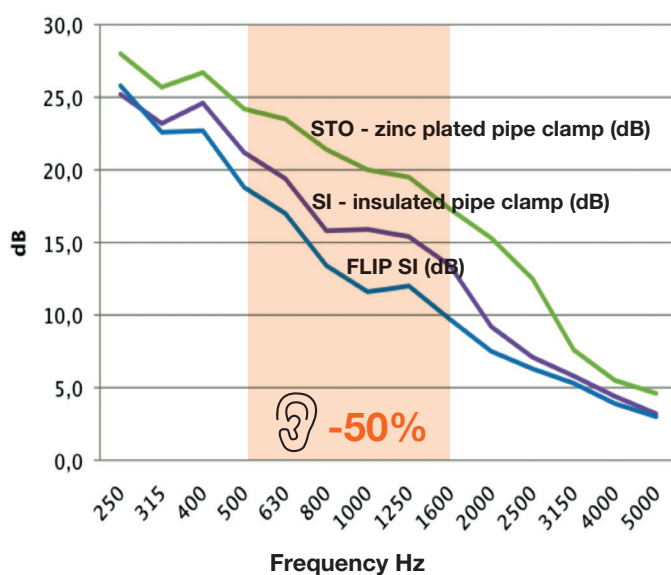
The noise that is spread by a drainage system can occur either by air or by structure, spreading from the pipe lines to the whole building via the fixing system.

Therefore, the technical features of the fixing system play a major role in reducing the amount of noise in such plumbing systems.

FLIP SI pipe clamps are characterized by super soundproof qualities which allow them to significantly reduce the noise spread when compared to those fixings that are still built with traditional pipe clamps.



SOUND LEVEL THROUGH THE STRUCTURE WITH A 4,0 l/s DRAINAGE



Laboratory test by Istituto Giordano (Gatteo, FC, Italy) to measure the amount of noise produced by waste water systems according to the UNI EN 14366:2005 regulation.

Technical reports available on request to: assistenza@gia.it



PIPE CLAMPS AND PIPE LINES FIXINGS

INSULATED PIPE CLAMPS

PACKAGING

In cardboard box

RELATED ITEMS

BF - threaded rod

DATE 03-2019 REV. 00

The current technical data sheet substitutes and cancels the previous ones. Information correspond with our current knowledge of the product. It cannot lead us to any sort of responsibility or compensation.

Gia S.p.A. reserves the right of changing technical features and molds without notice.

Gia S.p.A. – Via Sac. A. Cremona, 12 – 28069 Trecate (NO) – www.gia.it

T 03.15.74 REV 0

