

CF-10 G/M8

RUBBER MOUNT FOR AIR CONDITIONERS AND HEATING UNITS

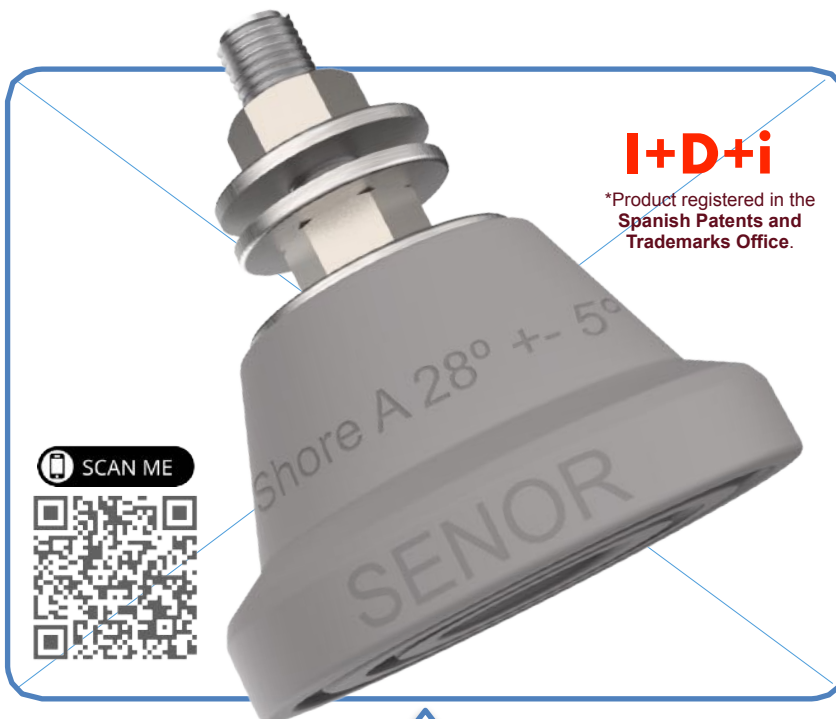
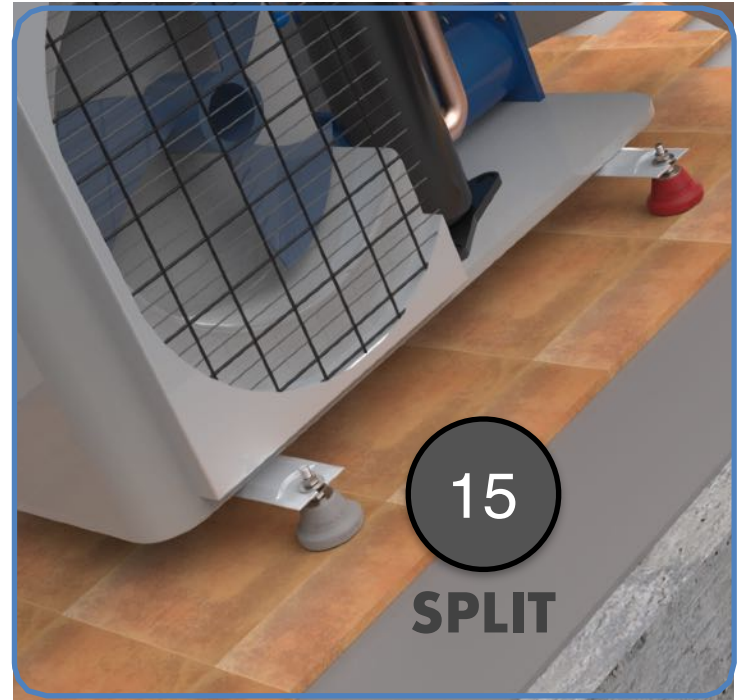
The **CF-10 G/M8** model is a rubber mount made with high quality raw materials and with the last technology. It is designed to support heating and air conditioners units outside buildings.

The **CF-10 G/M8** model is a mount with direct fastening and self locking screw (metric 8). It is designed to eradicate and attenuate vibrations transmission caused by impacts or blows from units producing noise pollution above the hearing threshold (1200 rpm or 20 Hz).

● The polymer: this mount is composed of a polymer named **KRAIBURG-TPE** which is tested according to the Spanish Standard **UNE-EN ISO 10846-1:2009**.

✓ Its ergonomic design allows a better axial compression.

✓ Resonance frequency: **7-15 Hz**.



TYPE

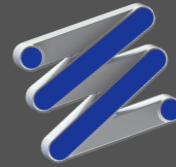
Rubber mount with direct fastening



USES

It is designed to support air conditioners and heating units on the floor outside buildings.

REF	COLOUR	METRIC MIN-MAX	UNITS	LOAD (kg) MIN-MAX	PACKING
SE-CF-10 G		8	FLOOR	03 - 15	4



Laboratory test UNE-EN ISO 10846-1:2009

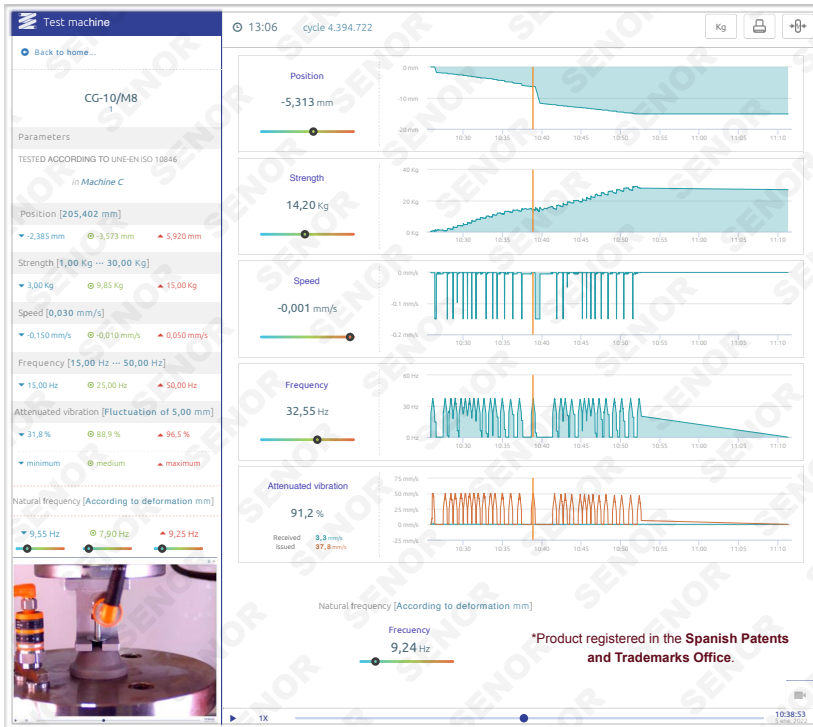


Chart 1

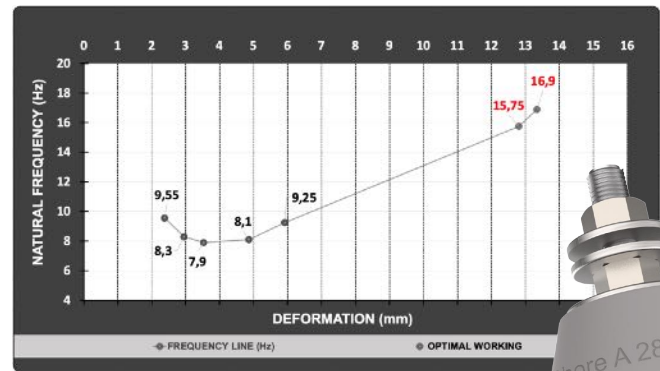
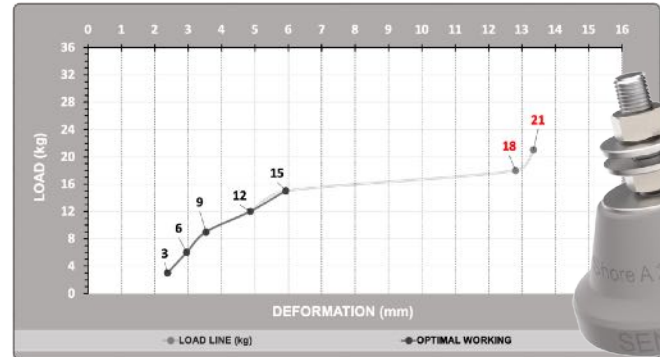


Chart 2

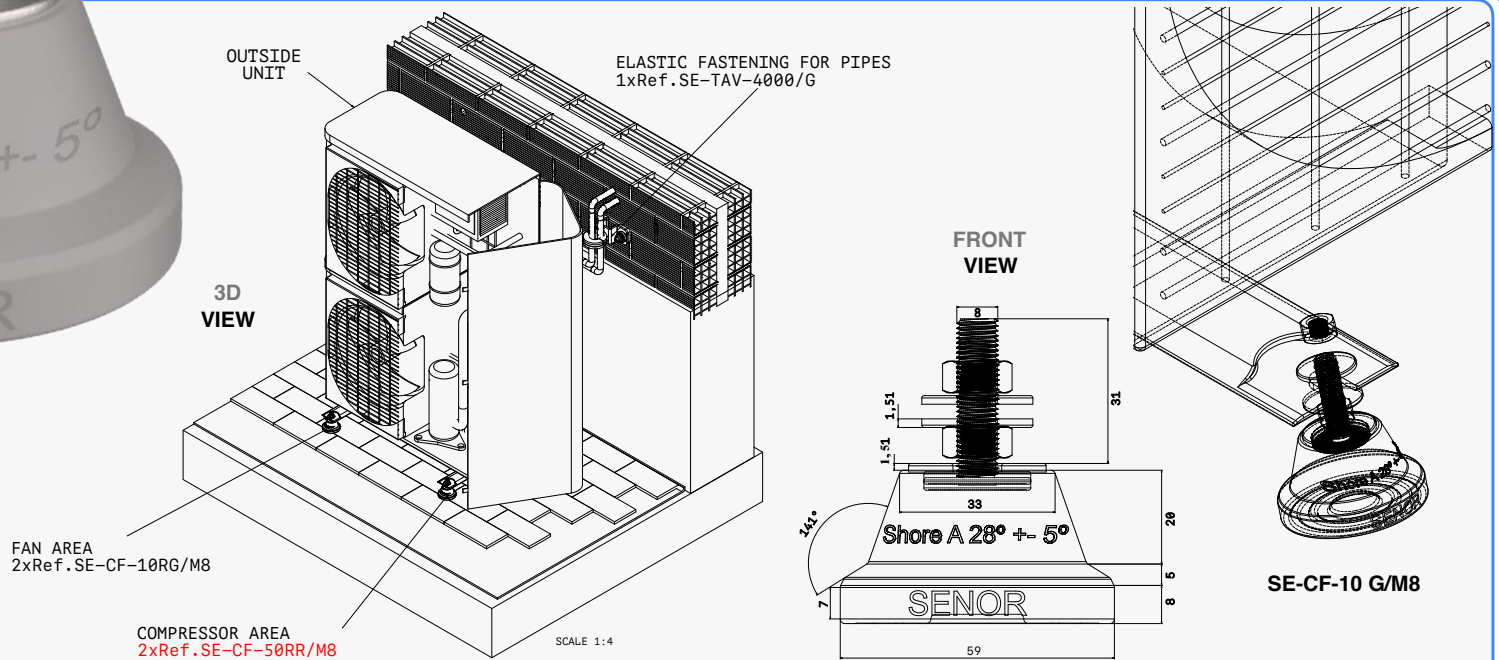
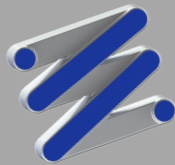
Results table

LOAD (Kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROOFING LEVEL (%)	
3	2,38	9,55	25	50	82,91	96,21
6	2,95	8,30	25	50	87,61	97,17
9	3,53	7,90	25	50	88,91	97,44
12	4,86	8,10	25	50	88,27	97,30
15	5,92	9,25	25	50	84,14	96,46
18	12,81	15,75	25	50	34,19	88,98
21	13,34	16,90	25	50	15,85	87,10

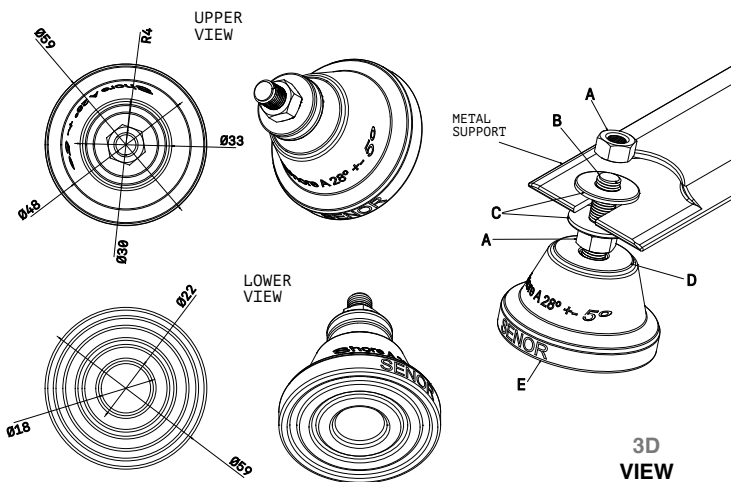


Data sheet	
TC3GPN (GP/FG Series)	THERMOLAST * K
Product properties	
Name	TC3GPN
Series	GP/FG
Colour / RAL DESIGN	Grey
Mechanical properties	
Hardness	28° ± 5° ShoreA DIN ISO 7619-1
Density	1.100 g/cm3 DIN EN ISO 1183-1
Tensile strength ¹	5.0 MPa DIN 53504/ISO 37
Elongation at break ¹	750 % DIN 53504/ISO 37
Tear resistance	14.0 N/mm ISO 34-1 Methode B (b)(Graves)
CS 72 h/23 °C	10 % DIN ISO 815-1 Method A
CS 24 h/70 °C	26 % DIN ISO 815-1 Method A
CS 24 h/100 °C	66 % DIN ISO 815-1 Method A

¹ Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min.
All values published in this data sheet are rounded average values.



PLAN VIEW



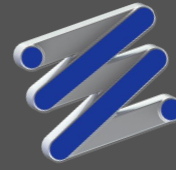
MATERIALS

This mount is composed of:

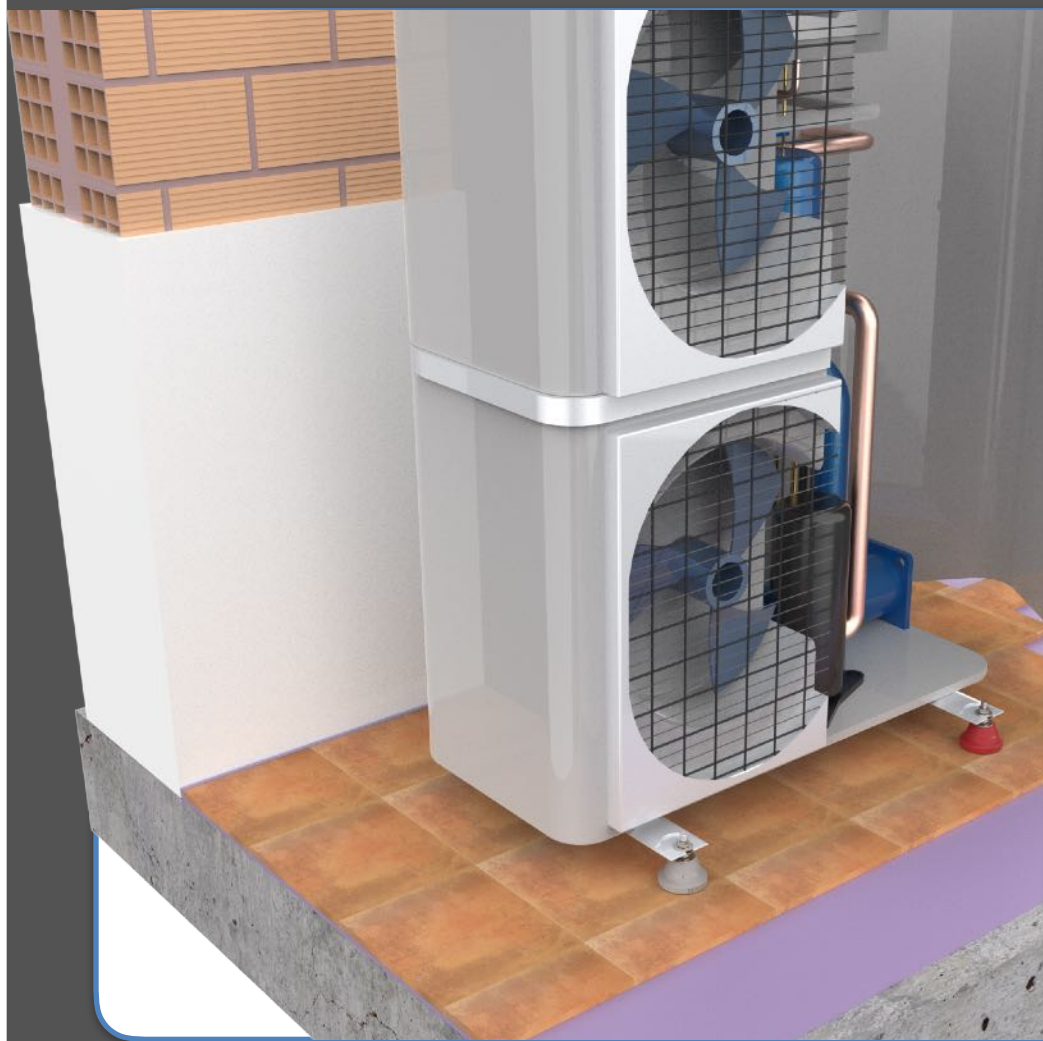
- A: 2x -Standard nut DIN-934 A2 made of zinc galvanized steel (metric 8).
- B: 1x - Self locking screw 8x32 made of zinc galvanized steel (metric 8).
- C: 2x - Dock washer DIN-9021 made of zinc galvanized steel (metric 8).
- D: 1x - Metal washer DIN-9021 made of stainless steel.
- E: 1x - The polymer KRAIBURG-TPE / TC3GPN. Hardness: 28 +/- 5° SHORE A. Colour: Grey. Hardness according to ISO 48-4 o DIN ISO 7619-1.

✓ Resonance frequency: 7-15 Hz.





Ref. CF-10 G/M8



Note

POSITIONS

The gravity center of units does not usually run into the geometric center.

These units has severals pieces inside such as: compressor, pipes connection, fans, etc.

As a result, the 70 % of the weight is in compressor area while the rest, the 30 %, is in the fan area. Therefore, we can not put 4 identical mounts.

The acoustic response of the mount is obtained from axial deformation, so we have to put the correct mount in each support point.

The CF/M8 model has 4 hardness distinguished by colours:

- GREY:** 3 kg up to 15 kg.
- GREEN:** 8 kg up to 25 kg.
- BLUE:** 15 kg up to 35 kg.
- RED:** 30 kg up to 50 kg.



SCAN ME



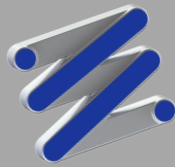
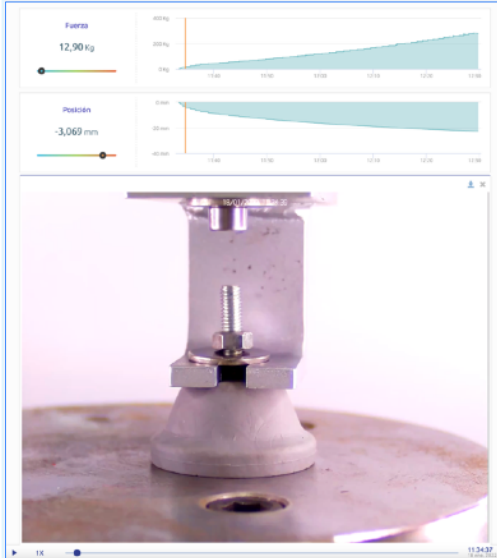
SENOR certifies

Ref. CF-10 G/M8

SENOR reserves the right to make changes in specifications at any time without prior notice. It is a responsibility of the user to use the latest and updated version of the product data sheet.

A copy of which will be available on request.

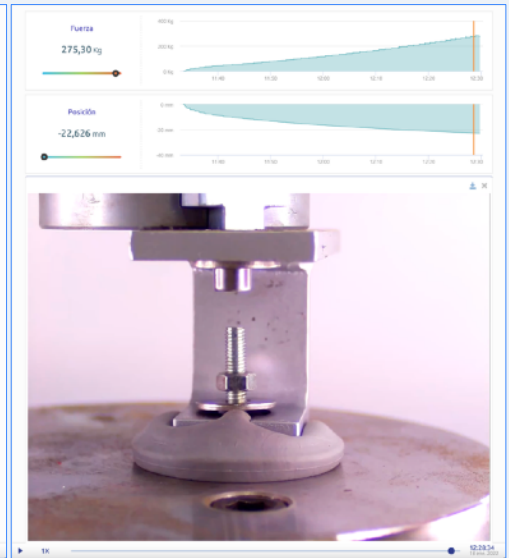
The Standard: UNE-100-153-04
Uses: Air conditioning. Vibration isolators. Design criteria.

SPLIT**Ref. CF-10 G/M8****DEFORMATION AND BREAK TEST**

Applied load: 12,90 kg



Applied load: 73,00 kg



Applied load: 275,30 kg

Date

SENOR 18 January 2022

Failure mode

This mounts exceeds the elastic limit by reaching **35,40 kg**. A higher load is applied and when 275,30 Kg are reached the rubber is deformed and the test is concluded.

Conclusion

This mount is designed to bear loads between **3 kg** up to **15 kg** (maximum load). It strictly complies with standard **UNE-100-153-04** Air conditioning. Vibration isolators: design criteria.



**Check out
the test!**

