TECHNICAL DATA SHEET (1/1)

T - R2J003017 _ GT-RUBBER

General description



The **GT-RUBBER** is a black sealing rubber gasket designed to reach airtightness class “D3” according to the european standard UNE-EN1507 : 2006 (overpressure class “D3” at +2000 Pa and in depression class “D” at -750 Pa).

Its “T” shape design allows to control its correct positionning in the non visible part of the joint.

By using this gasket, it is easy to desassemble and reassemble the duct as often as needed.



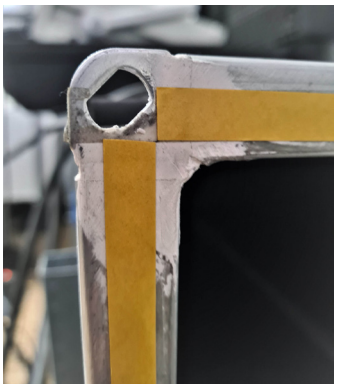
- Made of EPDM
- Allow to air tightness class «D3»
- Patented model
- Less flange clamps needed
- Supplied in roll of 75 m

Application



1. Corners must be sealed with mastic and sanded.

2. Frames must be clean of dust and impurities.



3. Apply double sided adhesive tape to the inner side of the flange frame.
It will help maintain the rubber gasket into position while assembling the duct.



4. Apply the rubber gasket with the small ends of the «T» on the outside of the duct.

5. Make a hole to let the screw pass at the corner connection.

We recommend to leave 2mm at the end of the cut joint in order to achieve a perfect jonction.



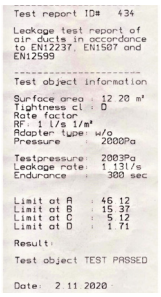
6. Perfectly face the two sections to be joined.

7. Tighten simultaneously and progressively the screws.

It is not necessary to tighten to hard to avoid deforming the gasket (gasket should be compressed at half its thickness).

Test details





Test report ID# 434

Leakage test report of air ducts in accordance to EN12237, EN1507 and EN12599

Test object information

Surface area : 12.20 m²
Tightness cl : D
Rate factor
RF: 1 l/s 1/m²
Adapter type: W/o
Pressure : 2000Pa

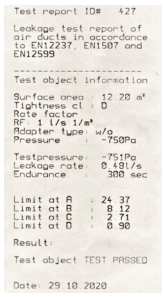
Testpressure : 2003Pa
Leakage rate : 1.13l/s
Endurance : 300 sec

Limit at A : 46.12
Limit at B : 15.37
Limit at C : 5.12
Limit at D : 1.71

Result:

Test object TEST PASSED

Date: 2.11.2020



Test report ID# 427

Leakage test report of air ducts in accordance to EN12237, EN1507 and EN12599

Test object information

Surface area : 12.20 m²
Tightness cl : D
Rate factor
RF: 1 l/s 1/m²
Adapter type: W/o
Pressure : -750Pa

Testpressure : -751Pa
Leakage rate : 0.48l/s
Endurance : 300 sec

Limit at A : 24.37
Limit at B : 8.12
Limit at C : 2.71
Limit at D : 0.90

Result:

Test object TEST PASSED

Date: 29.10.2020

Testing bench :

- 400 x 400 mm section duct
- 7 joints
- Total surface area : 12,20 m²

Test results :

- overpressure : leakage rate of 1,13 l/s over a limit of 1,71 l/s
- depression : leakage rate of 0,48 l/s over a limit of 0,90 l/s

Information contained herein is based on careful tests and experience. It reflects our knowledge and is for guidance purpose only. It is given in good faith and user should ensure that the product is fit for purpose before any application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Manufacturer and distributor are not responsible for any non-recommended use or consequential damage.