

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 positioning in the non visible part of the joint.

By using this gasket, it is easy to disassemble 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 junction.



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
Surface area	12,20 m²
Tightness class	D
Rate factor	RF: 1 l/s 1/m³
Adaptor type	w/o
Pressure	2000Pa
Test pressure	2000Pa
Leakage rate	1,13 l/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 PRESSD
Date	2 11 2020

Test report ID# 427	Leakage test report of air ducts in accordance to EN12237, EN1507 and EN12599
Surface area	12,20 m²
Tightness class	D
Rate factor	RF: 1 l/s 1/m³
Adaptor type	w/o
Pressure	-750Pa
Test pressure	-750Pa
Leakage rate	0,48 l/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 PRESSD
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