



JBL Sintomec

Sintered bio-glass rings for breakdown of pollutants

Suitable for:



- Biological breakdown of pollutants in fresh and saltwater aquariums: sintered bio-glass rings for the use in aquariums
- Easy to use: insert bio-filter rings as second last filter stage.
- Intensive water clarifying thanks to biological filtering: microorganisms settle inside the filter material and break down pollutants
- Extremely effective: conical tunnel pores and 5 mm wall thickness create ideal surface of 1200 m²/l for beneficial microorganisms to settle
- Package contents: glass rings with 5 mm inner hole diameter, 450 g incl. net bag for filling

You may also be interested in

You can find a complete overview here: <https://www.jbl.de/qr/62547>



JBL FilterPad VL
 Cotton fleece for CristalProfi aquarium filters



JBL FilterPad F15
 Coarse foam pad for aquarium filter CristalProfi



JBL FilterPad F35
 Fine foam pad for aquarium filter CristalProfi



JBL CombiBloc CristalProfi e
 Pre-filter pads and filter foam for CristalProfi e





JBL Sintomec



Product information

The quality of the filter material essentially determines the effectiveness of an aquarium filter! Most aquarium filters are already equipped with sponges as filter material in advance. Sponges have a fairly large surface area, which over time will be colonised by beneficial bacteria for breaking down pollutants. To increase the effectiveness of a filter, the sponges can be replaced with special sintered glass filter material (JBL SintoMec and JBL MicroMec). Sintered glass filter material has a surface area about 10 times greater than that of sponge material and thus provides even more space for bacteria to decompose harmful substances in the aquarium water. In the automotive sector we would compare it to tuning a car = more power!


What is sintered glass?

If you melt (sinter) very small glass balls, a massive lump of glass comes out. But if you mix the glass beads with salt beforehand, the resulting glass lump is permeated with salt. If it is then washed out, an infinite number of small channels are created in the glass. JBL sintered glass filter materials therefore contain a gigantic (inner) surface area which can be colonised by bacteria which in turn break down harmful substances.

Nitrate decomposition:

Nitrate is only decomposed by bacteria to nitrogen gas in the absence of oxygen and in the presence of carbon (C). This process (denitrification) can take place under ideal conditions inside the sintered glass filter materials JBL SintoMec and JBL MicroMec.

When to use JBL MicroMec and when to use JBL SintoMec? For smaller filter volumes, the smaller material JBL MicroMec is more suitable for reasons of space. For larger filters, also because of the greater water flow, a coarser material with holes such as JBL SintoMec is more suitable. The finer JBL MicroMec could clog up more quickly.

| Further information | |
|-----------------------|---|
| FAQ | ✓ |
| Blog | ✓ |
| Press | ✓ |
| Laboratory/calculator | ✗ |
| Worth reading | ✓ |
| Spare parts | ✗ |
| Video | ✓ |
| GarantiePlus | ✗ |
| Instructions | ✓ |
| QR code |  |





JBL Sintomec



Product details

| Article data | |
|--------------------------|---|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| EAN number | 4014162625472 |
| EAN as barcode |  |
| Content | 450 g |
| For | 200 l |
| Expiry months | - |
| RRP incl. VAT | 21,31 € |
| Base price | 47.36 € |
| Nominal filling quantity | 450 g |
| Base quantity | 1 kg |
| Gross weight | 502 g |
| Net weight | 450 g |
| Weight change | 1000 |

| Disposal | |
|-------------------------|--------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| Green dot | ✓ |
| Group electronic waste | - |
| Disposal weight | - |
| Battery type | - |
| Battery return | - |
| Battery rechargeable | - |
| Disposal weight battery | - |
| Non-returnable glass | - |
| PPK | 52 g |
| Plastic small | - |
| Plastic large | - |
| Disposal weight metal | 0 g |

| Features | |
|----------------|--|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| Animal species | Arowana, Axoloti, Barbels, Bettas, Bichirs/reedfish, Blowfish, Catfish, Cichlids (South America), Corals, Crayfish, Danions, Discus, Dwarf shrimps, Flowerhorn, Gobies, Goldfish, Gouramis, Guppy, Juvenile fish, Killifish, Livebearers, Loaches, Mussels, Newts, Panchaxes, Rainbowfish, Snails, Spiny eels, Terrapins, Tetra, Tropical terrapins, Veiltails, freshwater butterflyfish, turtle |





| Features | |
|----------------------|----------------------|
| Animal size | For all animal sizes |
| Animal age group | All aquarium fish |
| Volume of habitat | 200 L |
| Material | sintered glass |
| Food type | - |
| Colour | white |
| Dosage | 450 g per 200 l |
| Transport conditions | - |



JBL Sintomec

| Electronic label / illuminant | |
|-------------------------------|--------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| Ambient temperature | - |
| Start time | - |
| Mercury | - |
| Tube length | - |
| Service life | - |
| Lumen | - |
| CRI value | - |
| Dimmable | - |
| Switching cycles | - |
| PAR value | - |
| Energy efficiency class | - |
| UV-A | - |
| UV-B | - |
| UV-C | - |
| Colour temperature | - |
| Base designation | - |

| Technical data | |
|-------------------------------|--------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| Range in litres | - |
| Range from - to | - |
| Range in days | - |
| Range tank length | - |
| Output in watts | - |
| Output per hour | - |
| Output per day | - |
| Height | 190 mm |
| Length | 125 mm |
| Width | 57 mm |
| Diameter | - |
| Voltage | - |
| For | - |
| T8 26mm (watt) | - |
| T5 16mm (watt) | - |
| Size | - |
| Content for | - |
| Filter container volume | - |
| Volume filter media | - |
| Hose connections pressure/out | - |
| Hose connections suction/in | - |
| Delivery head | - |





JBL Sintomec

| | |
|------------------|-----------------|
| Food type | - |
| Sub product type | - |
| Dosing | 450 g per 200 l |





Additional information for the specialist trade sector

| Article data | |
|----------------------|----------------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| VAT | 27% |
| Sales unit (SU) | 6 |
| Volume packaging | 1.7l |
| Dimensions (l/w/h) | 60 mm/125 mm/225 mm |
| Layer | 216 |
| Pallet | 648 |
| Category of products | 2 |
| Customs tariff | 70200080 |
| Country of origin | CN |
| Type of packaging | Faltschachtel/Karton |

| PU 1 data | |
|------------------|--------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| PU 1 material | cardboard gr |
| PU 1 weight | 9 g |
| PU 1 length | 125 mm |
| PU 1 width/depth | 360 mm |
| PU 1 height | 225 mm |

| PU 2 data | |
|------------------|--------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| PU 2 material | cardboard gr |
| PU 2 weight | 430 g |
| PU 2 length | 255 mm |
| PU 2 width/depth | 390 mm |
| PU 2 height | 370 mm |

| Trade data | |
|-------------------|--------------|
| Product name | JBL Sintomec |
| Art. No. | 6254700 |
| Till receipt text | JBL SintoMec |
| Shelf placement | - |