



# 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 m<sup>2</sup>/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	19,97 €
Base price	44,38 €
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, Axolotl, 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	19%
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	-