

KONTAKT™ High Performance Carrier Elements for MBBR and IFAS Processes

A key component to the MBBR (Moving Bed Biological Reactor) and IFAS (Integrated Fixed-Film / Activated Sludge) processes is the efficiency of the reactor media or carrier element. Jaeger Environmental has developed KONTAKT™; a light-weight, durable, rugged and highly efficient media for MBBR and IFAS applications.

The KONTAKT design allows the media to freely move throughout the bioreactor while providing a significant protected surface area for biomass to adhere.

KONTAKT is added to aeration tanks and retained by a separation device. Diffused aeration systems and/or low energy mechanical mixers usually achieve sufficient agitation of the media.



KONTAKT offers key benefits to MBBR / IFAS applications:

- Manufactured of durable high density polyethylene
- Lightweight with a variable specific gravity from 0.93 to over 1.05 for HDPE material
- Provides a large protected surface area
- Open internal design resists clogging
- Long lasting, economical, and easy to ship and install
- Easily upgrade overloaded aerated basins or A/S plants by adding Kontakt and minor system upgrades
- Eliminate sludge recycling
- Cost effective solution for retrofitting existing treatment systems
- Inexpensive alternative media for new plants

Kontakt has the following characteristics:

| Type | Size | Weight, dry | Surface Area | Protected SA | Void Space |
|-------------|----------------------------|-----------------------|--------------------------------------|--------------------------------------|------------|
| Kontakt 500 | 0.80" Diameter x 3/8" Long | 7 lbs/ft ³ | 152 ft ² /ft ³ | 113 ft ² /ft ³ | 92% |

Jaeger Environmental can help you with your municipal or industrial wastewater application. Our other products include three different types of trickling filter media including our Sessil hanging strip media, Bio-Pac SF#30 random dump media, and Dura-Pac PVC modular media. We also manufacture media for submerged fixed bed systems, wastewater screening systems and random dump tower packings for air scrubber and stripping applications.

Please contact Jaeger Environmental to discuss your application today.



Jaeger Environmental · El Dorado, KS
540-862-8426 · Fax: 540-862-8427
www.JaegerEnvironmental.com · email: jpinfo@jaeger.com