APPLICATIONS OF Matala®:
1. ROTATING BUBBLE BASKET
2. SUBMERGED BUBBLE FILTER
3. VORTEX
4. SEDIMENTATION CHAMBERS
5. TANGENTIAL FILTERS
6. PROTECTION OF FISH FRY / SPawning MAT
7. MECHANICAL OR DE-GASSING OF UNDERGROUND WATER
8. SPawning MAT
9. PROTECTION OF PLANT BASED PONDS
10. SURFACE BUBBLES
11. MECHANICAL PRE-TREATMENT
**Filtration Media**

Are you looking for an all-round solution for mechanical and biological filtration?

Metala® represents the latest generation of filter media that are rapidly gaining interest in the market. Thanks to the material advantages Metala® is the ultimate answer for your needs. Metala® is made of cyrly fiber Thermoplastic Polyolefin Compounds (TPPO) that are formed into layers and shapes of different thickness. The formular of the TPPO and the thickness of the fiber used will determine the structure of the filter media, their specific surface, their density and stiffness.

**Metala® Filtration Media Advantages:**

- Easy cleaning
- Precipitation
- Flock settlement
- Flock skimmer
- Self-supporting
- Flame retardant
- Non-toxic to the environment
- Very resistant to plugging. Perfect for prefiltration and sedimentation chambers

**Specifications of Metala® Filtration Media**

<table>
<thead>
<tr>
<th>Metala® Type</th>
<th>Specific Surface Area</th>
<th>Filtration rate</th>
<th>Free volume %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber grid Low Density, Black</td>
<td>150-1000</td>
<td>0.5</td>
<td>95</td>
</tr>
<tr>
<td>Filter grid Medium Density, Green</td>
<td>250-500</td>
<td>0.6</td>
<td>85</td>
</tr>
<tr>
<td>Fiber grid High Density, White</td>
<td>350-400</td>
<td>0.6</td>
<td>84</td>
</tr>
<tr>
<td>Filter grid Super High Density, White</td>
<td>450-500</td>
<td>0.6</td>
<td>94</td>
</tr>
</tbody>
</table>

**DE-IRONING of underground water:**

- Precipitation of iron floc on Metala® fibers
- Aeration of underground water
- Efl- IRONING tower

**Metala® Brand and application:**

- Easy cleaning
- Precipitation
- High free volume for smooth even water flow throughout
- Made of Thermoplastic Polyolefin compounds non-toxic to the environment
- Light weight
- Versatile and durable

**Thought Progressive!**