

Wind resistant, high insulation, large tiles cover

AWTT INC. Hexa tiles *Max R* cover system is the result of intense and extensive research leading to a product which fulfills demands of an affordable, wind resistant and insulated floating cover for liquids.

It offers highly effective solutions to problematic liquid storage systems such as municipal and industrial wastewater, treatment processing plants, metal and petrochemical plants, leachate ponds, airports, raw water reservoirs and other applications for heat retention, photosynthesis prevention and or a wildlife deterrent.

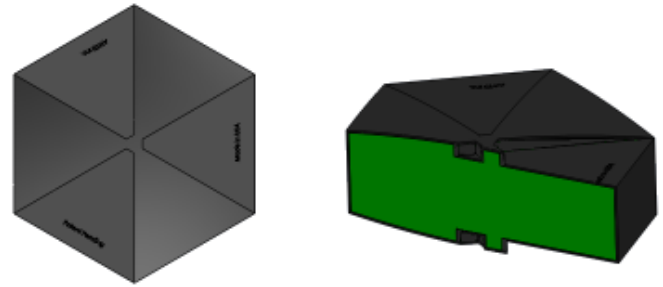
The Hexa Tile *Max R* system ensures coverage of up to 97%. The resulting thermal insulation barrier combines the insulation factor of the soy-based polyurethane foam held in each tile with the poor heat conductivity of plastic (R17+). The cover also reduces liquid loss through evaporation and prevents odor problems.

The Hexa Tile *Max R* barrier, contrary to standard covers, does not represent an obstacle to static, moving or dipping equipment. The tiles can be easily pushed aside and the cover reforms itself as the basin and obstacles change configuration, as in a clarifier. In fact, the tiles will keep up with liquid level, rising, lowering and restacking themselves as needed.

Hexa Tile *Max R* are also an effective wildlife deterrent. When entirely covered, the body of water becomes unattractive to waterfowl and other wildlife such as deer. They simply don't recognize it as water. Compared to netting, Hexa Tiles are not sensitive to ice or snow damage and do not require any kind of support.

Hexa Tile *Max R* are produced with high quality high density polyethylene. The expected life time is 25 years.

Our insulation uses a "green", soy based, polyurethane base.



The Hexa Tile *Max R* Advantages:

- Quick and simple to install
- Deters waterfowl from landing on covered waters
- High insulation factor: R17+ (up to R21)
- Each tile is made of long lasting, UV resistant, high quality HDPE
- Heating cost reduced by up to 85%
- Decrease liquid loss by evaporation by up to 97%
- Allow movement of equipment through liquid
- Adjust to the variation of the liquid level by spreading & stacking
- Fast and Effective solution to odor problems
- Virtually maintenance free
- Cannot tear like conventional membrane cover
- Reduces penetration of UV rays: prohibit growth of algae and clogging weeds. Aeration can be installed underneath the Hexa Tiles
- Unaffected by rain water

Technical Data

Hexa Tile *Max R* are made of high density polyethylene HDPE. Hexa Tile *Max R* are widely used for all external applications due to its particular

Width	190 mm
Average weight	220g
Number per sq.ft	3
Number per sq. meter	33
Insulation factor (R)	17+

resistance to freezing conditions. Degrading effects of sunlight are prevented with UV stabilizing additives. HDPE is also recommended for demineralized water and Chromic acid applications.