

Wind resistant tile cover

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

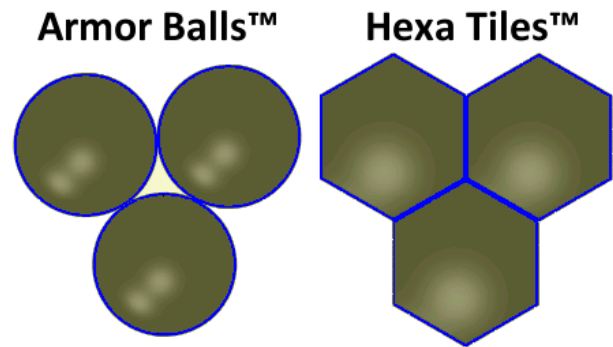
It offers highly effective solutions to problematic liquid storage systems such as municipal and industrial wastewater, treatment processing plants, metal and petrochemical plants, leachate ponds, airports, raw water reservoirs and other applications for heat retention, photosynthesis prevention and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

The Hexa Tile system ensures coverage of up to 95%. The resulting thermal insulation barrier combines the insulation factor of the air held in each tile with the poor heat conductivity of plastic. While the small air pockets between the tiles are not sealed, they also contribute to this insulation system, which dramatically reduces heat loss and light transfer. The cover also reduces liquid loss through evaporation and prevents odor problems.

The Hexa Tile 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 Tiles™ 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 Tiles are produced with high quality high density polyethylene (HDPE). The expected life time is 25 years.



The Hexa Tiles™ Advantages:

- Quick and simple to install
- Deters waterfowl from landing on covered waters
- Each tile is made of long lasting, UV resistant, virgin HDPE
- Heating costs reduced by up to 85%
- Decrease liquid loss through evaporation by up to 95%
- Allows movement of equipment through liquid
- Adjusts 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, prohibits growth of algae and clogging weeds. Aeration can be installed underneath the Hexa Tiles™
- Reduced chemical consumption
- Unaffected by rain water

Technical Data

Hexa Tiles™ are made of virgin, high density polyethylene HDPE. Hexa Tiles are widely used for all external applications due to its particular 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.

Width	100 mm
Average weight	38g
Number per sq.ft	10
Number per sq. meter	116