

FRP septic tanks are divided into winding septic tank and molded septic tank

**Winding septic tank process description**

FRP septic tank is made of fiberglass reinforced unsaturated polyester resin with high strength fiberglass composite as the main body material, adopt advanced glass fiber reinforced plastic winding process to make cylinder body with concave and convex surface wheel head structure. The septic tank is equipped with inlet and outlet, the top equipped with inspection well, interior is separated by splitter plate, and equipped with circulating water devices to increase increased retention time of sewage, enhance corruption effect.

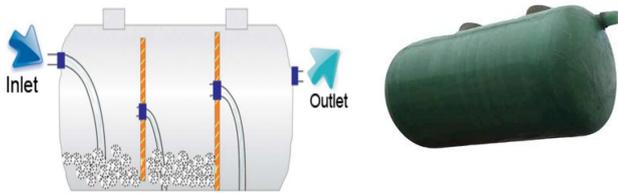
**Characteristics**

- Customized, the septic tank is formed by winding, and can be produced according to the drawing, with large effective volume;
- High efficiency, good sealing performance, efficient treatment of feces, anaerobic decay effect is more than 2 times better than the traditional concrete septic tank;
- Environmental protection, the septic tank adopt integral form to production, good sealing performance, no leakage, no pollution of surface water, no corrosion the flowers, trees, wire and cable around the septic tank;
- Durable, made of new material glass fiber reinforced plastic, resistant to aging, resistance to acid and alkali, the service life of more than 50 years;
- late management, long cycle of slag removal, adopt buried type, unpowered, no need to maintenance at later, no need to management;

**Applications**

Residential buildings, office buildings, schools, nursing homes, workshops and other industrial civil buildings

**Specification**



| No. | Volume (m <sup>3</sup> ) | Size (mm) | Length (mm) | Thickness (mm) |
|-----|--------------------------|-----------|-------------|----------------|
| 1   | 1                        | φ1000     | 1300        | 5              |
| 2   | 2                        | φ1200     | 1800        | 5              |
| 3   | 4                        | φ1600     | 2000        | 6              |
| 4   | 6                        | φ1800     | 2350        | 6              |
| 5   | 8                        | φ2000     | 2550        | 8              |
| 6   | 10                       | φ2000     | 3200        | 8              |
| 7   | 12                       | φ2000     | 3800        | 8              |
| 8   | 16                       | φ2400     | 3550        | 8              |
| 9   | 20                       | φ2400     | 4400        | 8              |
| 10  | 25                       | φ2400     | 5500        | 8              |
| 11  | 30                       | φ2400     | 6600        | 8              |
| 12  | 40                       | φ2800     | 6500        | 12             |
| 13  | 50                       | φ2800     | 8100        | 12             |
| 14  | 60                       | φ2800     | 9750        | 12             |
| 15  | 70                       | φ2800     | 11300       | 12             |
| 16  | 75                       | φ3000     | 10600       | 15             |
| 17  | 100                      | φ3500     | 10400       | 15             |

**Molded septic tank process description**

FRP molded septic tank is made of unsaturated polyester resin, high strength glass fiber, high-performance auxiliary additives and other materials, the product base material is sheet type molding compound (SMC sheet), molded by large four-column hydraulic press.

Molded septic tank adopts cylinder structure, which is divided into two parts, the upper cover and the lower bottom. The middle part is sealed by sealant strip and fixed by bolt, which is simple and convenient.

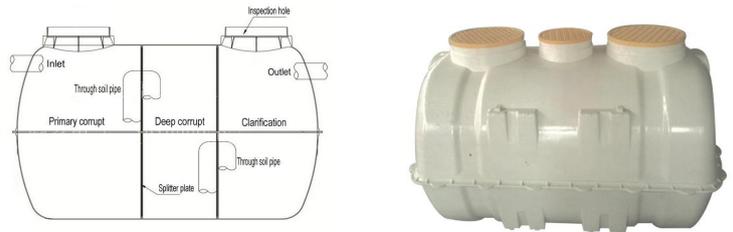
**Characteristics**

- Good physical performance, good impact resistance, ring stiffness up to 20kN/m<sup>2</sup>, wide adaptability to geology;
- Long service life, normal use up to 50 years;
- Strong corrosion resistance, resistance to acid, alkali and so on many chemical corrosion, traditional material is difficult to compare;
- Good aging resistance, can withstand direct sunlight, strong oxidation resistance;
- High safety performance, good sealing performance, zero leakage;
- Easy to transport, easy to install and fast to use.

**Applications**

Rural family, villa and so on.

**Specification**



| No. | Volume (m <sup>3</sup> ) | Size (mm) | Thickness (mm) | Hole |
|-----|--------------------------|-----------|----------------|------|
| 1   | 0.5                      | 730×1232  | 3.2~5          | 2    |
| 2   | 0.9                      | 840×1550  | 3.2~5          | 2    |
| 3   | 1                        | 900×1640  | 3.2~5          | 2    |
| 4   | 1                        | 900×1640  | 3.2~5          | 3    |
| 5   | 1.5                      | 1700×1100 | 3.2~5          | 3    |
| 6   | 1.5                      | 1004×1893 | 3.2~5          | 3    |
| 7   | 2                        | 1200×1900 | 5~7            | 2    |
| 8   | 2                        | 1200×1900 | 7              | 3    |
| 9   | 2.5                      | 1180×2380 | 7              | 2    |
| 10  | 2.5                      | 1180×2380 | 7              | 3    |

