

R-Tank™ stormwater detention, infiltration, and recycling systems provide underground storage of stormwater. This system is an alternative to stormwater basins and a more efficient, space saving alternative to other underground systems. After a rain event fills the R-Tank, stormwater can flow into the drainage system, infiltrate into the ground, or be reused.



Applications

R-Tank can be used for a variety of applications including:

- Stormwater Retention/Infiltration
- Stormwater Detention
- Stormwater Recycling/Harvesting
- Pond Retrofits
- Dry Wells
- Bioretention

Benefits

- High Capacity
 - ◆ 95% void internal area
- Modular Design Footprints
 - ◆ Available in any shape to efficiently use space
 - ◆ Vary height from 9 inches to 7 feet
- High Strength
 - ◆ Easily supports traffic loading from parking lots and roads
 - ◆ Backfill with sand - no stone required
- Increased Infiltration and Exfiltration
 - ◆ Outer shell is 95% open
 - ◆ Increases groundwater recharge, reducing post-construction runoff
- Easy to Transport
 - ◆ Can be supplied unassembled for reduced delivery costs
- Lightweight and Quick to Install
 - ◆ Installed by hand - no cranes required
 - ◆ Reduces site access delays
- Permanent and Maintainable Storage Volume
 - ◆ All storage volume is isolated inside filter fabric envelope
 - ◆ No reliance upon non-sustainable, temporary, assumed void space in crushed gravel backfill
- Recycled Content
 - ◆ Manufactured with recycled polypropylene

R-Tank is a modular system and can be assembled to a variety of heights from 9 1/2" to just under 7'. This rigid system can be placed beneath a variety of surfaces including:

- Parking Lots
- Streets and Access Roads
- Driveways
- Landscaping
- Athletic Fields/Playgrounds
- Swales and Channels

