



# INTERLOCKING EXPANDED POLYSTYRENE TANK BASES



In the past, metal rings filled with gravel was the standard for above ground storage tank placement. While the initial cost of using gravel tank rings was low, over time the gravel was inevitably exposed to leaks and spills. Enviro-Guard's environmentally friendly Expanded Polystyrene (EPS) Tank Pads (*patent pending*) has eliminated the costly remediation of these types of leaks. Installed on minimally prepared ground, they not only ease site preparation and reduce setup costs, but their non-permeable surface is easily cleaned – time after time.

Every reusable Enviro-Guard Expanded Polystyrene Tank Pad is encapsulated with a two-component, rapid curing pure polyurea. The signature design consists of three interlocking parts that eliminate strapping. All parts are universal, able to be interchanged as required, allowing for ease of shipping and installation. Enviro-Guard's Expanded Polystyrene Tank Pads are the smart choice to minimize concerns for yourself and our environmentally aware society!



- Easily cleaned – Eliminates ground contact
- Non-permeable polymer coating with radius edge design quickly sheds water
- Lightweight cellular plastic core
- Quickly installed and adjusted by a two-man team
- No strapping required; interlocking parts maintain bond
- All parts are universal
- Insulating
- Nonconductive
- Non-permeable polymer coating
- Non-corrosive
- Rot and mold resistant
- Manufactured to fit any tank size



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## CELLULAR PLASTIC PHYSICAL PROPERTIES (manufactured to ASTM D6817-07 guidelines)

Density (minimum)	1.58
Compressive Resistance at	
1% strain (minimum) (psi)	9.9
3% strain (minimum) (psi)	23.3
5% strain (minimum) (psi)	25
10% strain (minimum) (psi)	27.7
Flexural Strength at 1% strain (minimum) (psi)	22.23

## POLYMER PHYSICAL PROPERTIES

Hardness (Shore D)	57 (ASTM D-2240)
Tensile Strength (psi)*	4000 (ASTMD-412)
Elongation (%)	250 (ASTM D-412)
Tear Resistance (pli) Die C*	400 (ASTM D-624)
Specific Gravity (grams/cc)	1.06 - 1.08 (ASTM D-792)
Water Absorption (%)	≤ 1.5 (ASTM D-570)

*\*Properties were checked using polymer lining, 1/8" (125 mils), (3.18 mm) thick.*