www.polyplates.ca
7961 Otway Road
Prince George, BC
V2M 7B4, Canada
Phone: (250) 961-2226
info@polyplates.ca

Product Information Sheet

Lightweight Polypropylene Geotextile Application Washers

Geotextiles were originally intended to be an alternative to granular soil filters. The original, and still sometimes used, term for geotextiles is *filter fabrics*. Work originally began in the 1950s with R.J. Barrett using geotextiles behind precast concrete seawalls, under precast concrete erosion control blocks, beneath large stone riprap, and in other erosion control situations.

The use of geotextiles and related products has increased significantly over the years containing many applications and currently supports many civil engineering applications including roads, airfields, railroads, embankments, retaining structures, reservoirs, settlement ponds, canals, dams, bank protection, coastal engineering and construction site silt fences or geotube.

While many possible design methods or combinations of methods are available to the geotextile applicator, the ultimate decision for a particular application usually takes one of three directions: design by cost and availability, design by specification, or design by function. Poly Plates were born out of necessity in the field based on a combination of those 3 directions in where cost, availability and function were required to form the foundation of a reliable and efficient securing product in which to adhere geotextiles to their required locations. Poly Plates are an environmentally friendly alternative to the tin washers that are currently in use today when applying geotextiles; the Poly Plates have several advantages over what is currently on today's market, some of which include:

- **Extremely Cost Effective.**
- **Safer to Handle than Generic Tin Plates (No Sharp Edges or Corners).**
- **65% Lighter than Generic Tin Plates for Faster Handling & Distribution Which Dramatically Increases Crew Productivity.**
- **Meets ASTM D5857-17, 7748 (Flexural Rigidity), & D7254 and also ISO 1873-1&2 Safety & Environmental Standard Specifications.**
- **Made from 100% Recycled & Recyclable Materials - Simple Chemical Structure (C3H6)n, Breaks Down to Carbon & Hydrogen.**
- **Environmentally Friendly & Biodegradable.**
- **Improved Quality Control Measures from White Color.**
- **Readily Available - No Order Too Small or Too Large.**

Poly Plates are an ideal solution in which to adhere geotextiles to a multitude of applications and situations -

Try Poly Plates on Your Project today and experience the efficiency!