

SPECIFICATIONS

Windspill™ JR Adjustable Banner Mounting Hardware

(U.S. Patent D537014)

- ❑ Warranted for ten (10) years. Lifetime warranty against rusting.
- ❑ Shall fit round, square, octagonal and fluted poles as small as 1 ½” diameter.
- ❑ Can be lag-bolted to wooden poles and flat walls.
- ❑ Main castings must be designed so the arm unit mounts onto the base unit with two 3/8” diam. x 1” long self-locking flange bolts that are inserted through the slots in the arm and threaded into the base unit. Once the bolts are properly installed, there is no circumstance that will allow the arm unit to accidentally separate from the base unit.
- ❑ All metal parts of the each bracket system shall be of T-51 heat-treated cast aluminum, which will prevent rusting, discoloration or peeling paint. The base unit (product #5511) shall have a *minimum weight* of ½ lb. The arm unit (product number 5527) shall have a *minimum weight* of 1lb. 12 oz.. The minimum surface contact area between the arm unit and the base unit shall be 6 square inches.
- ❑ There must be a 1/4” diameter banner attachment hole built into the arm unit to securely and easily attach a tie-down for the pole side of the banner.
- ❑ 13/16” UV treated fiberglass arms must flex to allow “spilling” of some wind force off the surface of the banner, thus, reducing wind load from banners and poles. Fiberglass arms must be properly epoxied into the arm casting to eliminate failure of the rod due to movement in the casting or due to attachment holes drilled through the rod.
- ❑ Fiberglass arms must withstand up to 70-mph wind force without permanent distortion with 30” x 84” banners installed.
- ❑ Flexibility of arms must allow the return of each banner to tightly stretched position.
- ❑ Built-in arm cantilever effect eliminates the need for banner wind flaps, breakaway clips and constant maintenance.
- ❑ There shall be no need for “hitch pins” or other corrective safety devices, as the engineering of the system will not allow the arm unit to separate from the base unit unless the bolts are completely removed.