



Why Specify American Flagpole?

American Flagpole has a 70+ year history of providing the highest quality aluminum flagpoles to industry professionals worldwide.

Dear Customer,

With an industry-recognized reputation for excellence in Engineering, Research and Development, and Manufacturing, American Flagpole is proud of our long history of producing the highest quality aluminum flagpoles available in the market today. The result of this experience and knowledge is the assurance of the **Quality, Safety, and Longevity** that is inherent to every American Flagpole shipment.

HISTORY

American Flagpole was originally founded in the late 1940's in New York. The parent company of HAPCO Pole Products, DKM, purchased American Flagpole in 1975. An industry pioneer in innovative aluminum pole manufacturing, the engineering and manufacturing expertise possessed by Hapco was a natural fit for round tapered aluminum flagpoles, and operations were moved from NY into the Abingdon, VA Hapco facility later that year.

American Flagpole engineers immediately began to improve the quality of the flagpoles by integrating them into the HAPCO manufacturing system. Today, American Flagpole "Quality Control" is inherent to the entire manufacturing process, ensuring every flagpole meets or exceeds current National Association of Architectural Metal Manufacturers (NAAMM) standards and specifications.

Throughout the years, American Flagpole and HAPCO have undergone several renovations and expansions with our most recent occurring in 2008. Our campus now comprises over 250,000 sq. ft. of manufacturing, distribution, and administrative capacity, combining the most advanced, state-of-the-art manufacturing technologies with exceptional engineering and design.

In 2008, DKM also purchased Tri-Cities Extrusion in Bristol, TN. Located only 20 miles from our Abingdon, VA facility, this vertical integration ensures a continuous flow of extruded aluminum tube to American Flagpole.

STANDARD SPECIFICATIONS

Shaft

- American Flagpole shafts are warranted to be free of defects in material and workmanship and to be free from corrosion for their lifetime.
**Visit www.americanflagpole.com for full Lifetime Warranty disclosure.
- The shaft shall be constructed of seamless extruded tube of 6063-T4 temper aluminum alloy of required nominal thickness per the requirements of ASTM B221.
- Heat treating: The shaft shall be full length heat-treated after welding to produce a T-6 temper. The heat-treating oven used shall be certified to meet the requirements of ASTM B597 and Mil-H-6088 specifications.

Flagpole Components

- In addition to the Lifetime Warranty on pole shafts, American Flagpole warrants all hardware and consumables to be free from defects in material and workmanship for a period of 1 year from the date of shipment.

- All American Flagpole components are purchased from an APPROVED VENDOR LISTING (VPL). To obtain approval a company must meet or exceed our Standard Quality Guideline (SQE) expectations, passing a comprehensive inspection of their products, manufacturing procedures, and quality.

Welding

- Welding shall be done by inert gas shielded metal arc method with consumable electrode. Aluminum alloy 4043 electrode shall be used. Welding shall be in accordance with AWS Specification D1.2, Structural Welding Code-Aluminum.

Surface Finish

- Satin Finish
 - A Satin aluminum finish (80 grit) is achieved by mechanical rotary sanding.
***There is no benefit to Anodized or Powder Coat Finishes other than for aesthetic appearance.*
- Powder Coating
 - American Flagpole combines a state-of-the-art powder coating operation with the most sophisticated coating system.
Powder coating material shall be a thermosetting Polyester Powder Coating. A minimum coating thickness of 2.0 mils shall be maintained. Application of powder shall be electrostatically applied by a closed loop automated powder coating system to assure mil thickness conformance. The product shall move continuously through a 400 degree oven from beginning to end and shall attain the time at temperature in accordance with the paint manufacturer's recommendations. Once oven cured, the product shall move immediately to and continuously through a forced air cooling tunnel designed to restore the product to acceptable packaging temperature prior to inspection and packaging. Upon exiting the cooling tunnel the product shall be immediately inspected and packaged.
 - American Flagpole shall warrant its factory-applied powder coatings against cracking, peeling or excessive fading due to normal climatic exposure for a period of five (5) years from the date of shipment.
- Anodizing
 - Anodizing is an electro-chemical process resulting in a colored aluminum oxide layer on the pole surface.
 - Available colors: Clear, Light Bronze, Medium Bronze, Dark Bronze, and Black.
 - American Flagpole shall warrant anodized poles per the warranty issued by anodizing vendor. Normally, this is a 5 year warranty.
***Please note that a satin finished pole looks almost identical to a clear anodized pole.*

For additional information please contact your local representative or visit our website at www.americanflagpole.com.

Thank you for your consideration of an American Flagpole specification on your next project. From a company-wide commitment to providing the highest possible level of customer service, to engineers on staff that are always available to assist you with your project, American Flagpole has the people, facilities, and products to become your choice for aluminum flagpoles.

Sincerely,

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