



Quality Management System
in accordance with
ISO 9001
Cert # 05-R0925

Filler Metal Storage / Shelf Life

U.S. ALLOY CO.
dba Washington Alloy
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Charlotte, NC 28216
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PRODUCT, PACKING AND STORAGE GUIDE

WASHINGTON ALLOY SOLDERS, WIRE, RODS shall be free of moisture & oxides, with a uniform composition and color that is smooth and free from injurious defects. Welding, Brazing and Solder alloys are manufactured and packaged in a manner to prevent contamination. Proper storage of these products is essential to ensure the alloys are free of any contamination. Pallets or unopened carton should remain sealed until they are ready for use and should be protected from rapid change in temperature & humidity, rain, snow or water in any form. Storage of product should be in a dry well ventilated area and placed stored in less than 60% humidity and temperatures of 50° to 90° F should be protected and have a shelf life for a minimum of 1 year. To protect products from contaminants allow products to warm up to ambient temperature prior to opening package and use clean gloves when handling filler metals.

In some cases alloys can be stored for many or unlimited years and may require the surface oxides removed from the outside surface of the filler. In the case of cored alloys the ends should be sealed or crimped to ensure safety and protection of unused core. Also it may be helpful to cut off a small amount of the filler to make sure you have 100% of the core at the start or to remove any foreign containment.

Other Opened Filler Metals

Spooled wire or rods on welding equipment or on job sites should be covered to avoid any contamination and if it is not in service for an extended time, should be sealed tightly, returned to its original packaging and stored properly as stated earlier or placed in a humidity controlled cabinet with the proper identification. 6010, 6011 electrodes and all other non-coated electrodes should be returned sealed tightly to the carton or placed in a humidity controlled cabinet with the proper identification. Other coated and cored wires may require storage in an oven at certain temperatures.

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