



28 September 2022

Subject: Shelf life of metal materials

Dear Customer,

Fort Wayne Metals Research Products Corp (“FWM”) produces raw materials and components that meet the stringent demands of our customer’s specification(s). Our products are produced to the highest quality standards, in controlled and regulated environments, and in accordance with the latest revisions of ISO, ASTM, and applicable industry standards.

In general, metal product from FWM should be stored in an environment that is temperature controlled at 40 to 80 °F (4 to 27 °C), humidity controlled at 40 to 70% humidity, and in a manner to prevent the material from being exposed to moisture. When stored in accordance with the aforementioned recommendation, the chemistry of the metal product should remain consistent with the certified chemistry values for ten years. An exception to this is for Nitinol, as this alloy may absorb small amounts of hydrogen and oxygen over time.

Further, the measured product attributes such as size, tensile strength, and elongation should remain consistent with certified values for one year if stored in accordance with the aforementioned recommendation. However, straightened products stored in the spooled or strained condition may be susceptible to changes in properties in a shorter timeframe but may be dependent on items such as material condition and spool size.

FWM makes no statement as to the shelf life of the FWM product once it has been used, processed, or manipulated by the Customer or as to the shelf life of Customer’s end-product.

The information set forth herein is for reference only. Inquiries regarding specific alloys or part numbers can be addressed upon request. The above statements shall not be considered a warranty of any kind as FWM’s sole warranty for the product(s) is set forth on the Purchase Order Acknowledgement’s Terms & Conditions of Sale or as otherwise agreed to, in writing, by the parties.

Sincerely,

Richard Castañeda

Richard Castañeda
Director of Quality