



**ISO 27996**

**Aerospace fluid systems —  
Elastomer seals — Storage and shelf  
life**

*Systèmes de fluides pour l'aéronautique et l'espace — Joints  
élastomères — Stockage et durée de conservation*

**Second edition  
2024-02**

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This document was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 10, *Aerospace fluid systems and components*.

This second edition cancels and replaces the first edition (ISO 27996:2009), which has been technically revised.

The main changes are as follows:

- change of the term [3.1](#) “date of vulcanization” to “cure date”;
- extension of shelf life for EPDM ([Table 2](#)) based upon practical experience.

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In fluid power systems, power is transmitted and controlled through a fluid (liquid or gas) under pressure within an enclosed circuit. Testing of components to meet performance requirement provides users a basis of assurance for determining design application and for checking component compliance with their stated requirements.

The requirement for packaging is an integral part of the controlled storage procedure and provides a means of positive product identity from the time of manufacture to the time of assembly into a component.

This information is intended to be utilized by those organizations who do not have specific requirements or recommendations already in place for the control of elastomeric seals and seal assemblies. This standard can be specified in control, storage, and procurement documents. However, when the requirements of this document are in conflict with the customer's requirements or specifications, the requirements of the customer's detailed specification govern.