

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 1749

ELASTOMERIC SEALING RINGS FOR AIRCRAFT

PACKAGING AND IDENTIFICATION

1st EDITION

March 1971

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 1749, *Elastomeric sealing rings for aircraft – Packaging and identification*, was drawn up by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question led to the adoption of Draft ISO Recommendation No. 1749, which was circulated to all the ISO Member Bodies for enquiry in April 1968. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	Switzerland
Austria	Israel	Thailand
Belgium	Italy	Turkey
Brazil	Netherlands	U.A.R.
Canada	New Zealand	United Kingdom
Czechoslovakia	Peru	U.S.S.R.
France	South Africa, Rep. of	
Greece	Spain	

No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

ELASTOMERIC SEALING RINGS FOR AIRCRAFT

PACKAGING AND IDENTIFICATION

1. SCOPE

This ISO Recommendation states the requirements for the packaging and the identification, when packaged, of elastomeric sealing rings for aircraft.

2. PACKAGING

2.1 General

- 2.1.1 It is essential that sealing rings should be individually enclosed in sealed envelopes or in packets in a multiple envelope provided that they can be removed without affecting the sealing of the remainder of the components in the package.
- 2.1.2 Packaging should be accomplished under conditions which will ensure freedom from contamination, dust, oil, grease, etc. Attention should be given to ensuring that the packet is efficiently sealed.
- 2.1.3 The sealing rings should be free from strain (i.e. they should be adequately supported) and no part should be tied or tagged.

Rings of large internal diameter may be formed into three equal superimposed loops so as to avoid creasing or twisting. It will be noted that this condition is impossible to attain in two loops.

2.2 Dimensions of envelopes

The envelopes should be square in shape and of the following preferred dimensions :

mm	55 X 55	100 X 100	150 X 150	205 X 205	255 X 255
in	2.25 X 2.25	4 X 4	6 X 6	8 X 8	10 X 10

2.3 Packaging materials

Preference should be given to the use of heat-sealable opaque materials. Suitable materials are polyethylene-coated kraft paper, aluminium foil/paper/polyethylene laminate and opaque polyethylene film. Poly (vinyl chloride) (PVC) film should not be used. If a transparent or translucent material is used, the packages should be over-wrapped with an opaque material when stored.