



**SLOVENSKI STANDARD
SIST EN 3475-507:2004**

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**Aerospace series - Cables, electrical, aircraft use - Test methods - Part 507:
Adherence of plating**

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Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrt, Verwendung - Prüfverfahren - Teil 507: Haftfestigkeit des Überzugs

Série aérospatiale - Câbles électriques a usage aéronautique - Méthodes d'essai - Partie 507 : Adhérence du revêtement

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Ta slovenski standard je istoveten z: EN 3475-507:2002

ICS:

49.060 Štejni sistemi za letalstvo in zrakoplovstvo
Aerospace electric equipment and systems

SIST EN 3475-507:2004

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3475-507

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ICS 49.060

English version

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methods - Part 507: Adherence of plating**

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aéronautique - Méthodes d'essais - Partie 507: Adhérence
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Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrt,
Verwendung - Prüfverfahren - Teil 507: Haftfestigkeit des
Überzugs

This European Standard was approved by CEN on 6 August 2001.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 3475-507:2002) has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

This European Standard shall be given the status of a national standards, either by publication of an identical text or by endorsement, at the latest by August 2002, and conflicting national standards shall be withdrawn at the latest by August 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies a method of verifying the adherence of the plating on conductors or screen strands. It shall be used together with EN 3475-100.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 3475-100 Aerospace series – Cables, electrical, aircraft use – Test methods – Part 100: General

3 Method

This test shall be applicable to all types of plating. Remove three strands at least 150 mm long as specimens from the complete conductor or screen and straighten them by hand. Wrap each conductor or screen strand around a mandrel of the same diameter as the strand so as to form three turns in contact with each other.

Examine the plating with a magnification of 6 to 10.

4 Requirements

There shall be no detachment or cracking.

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