
Irish Standard
I.S. EN 3475-411:2014

# Aerospace series - Cables, electrical, aircraft use - Test methods - Part 411: Resistance to fluids

**I.S. EN 3475-411:2014**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

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English Version

# Aerospace series - Cables, electrical, aircraft use - Test methods - Part 411: Resistance to fluids

Série aérospatiale - Câbles électriques à usage aéronautique - Méthodes d'essais - Partie 411: Résistance aux fluides

Luft- und Raumfahrt - Elektrische Leitungen für Luftfahrtverwendung - Prüfverfahren - Teil 411: Beständigkeit gegen Flüssigkeiten

This European Standard was approved by CEN on 11 October 2014.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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# Foreword

This document (EN 3475-411:2014) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries 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 ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2015, and conflicting national standards shall be withdrawn at the latest by May 2015.

This document supersedes EN 3475-411:2005.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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## 1 Scope

This European Standard specifies two methods of determining the fluid resistance of a finished cable.

Method 1: occasional contamination.

Method 2: contamination test.

It shall be used together with EN 3475-100 and EN 3909.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

EN 3475-201, *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 201: Visual examination*

EN 3475-203, *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 203: Dimensions*

EN 3475-302, *Aerospace series - Cable, electrical, aircraft use - Test methods - Part 302: Voltage proof test*

EN 3475-405, *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 405: Bending at ambient temperature*

EN 3475-503, *Aerospace series - Cables, electrical, aircraft use - Test methods - Part 503: Scrape abrasion*

EN 3909, *Aerospace series - Test fluids and test methods for electric components and sub-assemblies*