
**Watch-cases and accessories —
Vapour phase deposited coatings**

*Boîtes de montres et leurs accessoires — Revêtements déposés en
phase vapeur*

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 16253:2017](https://standards.iteh.ai/catalog/standards/iso/f8c887e6-846e-4418-98ef-529857cf36c8/iso-16253-2017)

<https://standards.iteh.ai/catalog/standards/iso/f8c887e6-846e-4418-98ef-529857cf36c8/iso-16253-2017>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO 16253:2017](https://standards.iteh.ai/catalog/standards/iso/f8c887e6-846e-4418-98ef-529857cf36c8/iso-16253-2017)

<https://standards.iteh.ai/catalog/standards/iso/f8c887e6-846e-4418-98ef-529857cf36c8/iso-16253-2017>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
4.1 Coating.....	2
4.1.1 Appearance of coating.....	2
4.1.2 Thickness of coating.....	2
4.1.3 Adhesion of coating.....	2
4.1.4 Corrosion resistance of coating.....	2
4.1.5 Hardness of coating.....	2
4.1.6 Wear resistance of coating.....	2
4.1.7 Nickel release.....	3
4.1.8 Colour of coating.....	3
4.2 Base material, processes and coatings.....	3
4.3 Underlayer.....	3
5 Test methods	3
5.1 Test samples.....	3
5.2 Visual inspection.....	3
5.3 Thickness measurement.....	3
5.4 Adhesion test.....	3
5.5 Corrosion resistance test.....	3
5.6 Hardness test.....	4
5.7 Wear resistance tests.....	4
5.7.1 Wear resistance test in relation with the decorative aspect of the coating.....	4
5.7.2 Tests for the simulation of wear and corrosion.....	4
5.8 Measurement of colour.....	4
6 Identification and marking on the product	4
6.1 Identification.....	4
6.2 Marking on the product.....	5
Annex A (normative) Visual inspection of vapour phase deposited coatings	6
Annex B (informative) Base material, process and coatings	7
Annex C (normative) Evaluation of adhesion strength using the scratch test	8
Bibliography	10