

INTERNATIONAL STANDARD

ISO
4525

Second edition
2003-02-15

Metallic coatings — Electroplated coatings of nickel plus chromium on plastics materials

*Revêtements métalliques — Dépôts électrolytiques de nickel plus chrome
sur matières plastiques*

Reference number
ISO 4525:2003(E)

© ISO 2003

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2003

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 0111
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Printed in Switzerland

Contents

	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Information to be supplied to the electroplater	2
5 Service condition number	2
6 Designation	3
7 Requirements	5
8 Sampling	7
9 Test methods	7

Annexes

A Thermal cycle test	8
B Examples of service conditions for which the various service condition numbers are appropriate	9
C Ductility test	10
D Determination of sulfur content of electrodeposited nickel	11
E Determination of cracks and pores in chromium coatings	12
F Methods of test for the determination of thickness	13
G Combined thermal cycle and corrosion testing	14
Bibliography	15