



**International
Standard**

ISO 6876

**Dentistry — Endodontic sealing
materials**

*Médecine bucco-dentaire — Matériaux de scellement
endodontique*

**Fourth edition
2025-11**

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

ISO 6876:2025

<https://standards.itih.ai/catalog/standards/iso/4b7ed510-99c7-4cd3-ac8f-18ead6b413b2/iso-6876-2025>

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

ISO 6876:2025

<https://standards.iteh.ai/catalog/standards/iso/4b7ed510-99c7-4cd3-ac8f-18ead6b413b2/iso-6876-2025>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification	2
5 Requirements	2
5.1 General	2
5.2 Appearance	3
5.3 Flow (Type 1 only)	3
5.4 Working time (Type 1 only)	3
5.5 Setting time	3
5.6 Film thickness (Type 1 only)	3
5.7 Solubility and disintegration	3
5.8 Radiopacity	3
6 Sampling	4
7 Test methods	4
7.1 Test conditions	4
7.2 Appearance	4
7.2.1 General	4
7.2.2 Treatment of results	4
7.3 Flow (Type 1 materials)	4
7.3.1 General	4
7.3.2 Apparatus	4
7.3.3 Procedure	5
7.3.4 Treatment of results	6
7.4 Working time	6
7.4.1 General	6
7.4.2 Apparatus	6
7.4.3 Procedure	6
7.4.4 Treatment of results	7
7.5 Setting time	7
7.5.1 General	7
7.5.2 Apparatus	7
7.5.3 Preconditioning of the apparatus	8
7.5.4 Sample preparation	8
7.5.5 Procedure	8
7.6 Film thickness (Type 1 only)	9
7.6.1 Apparatus	9
7.6.2 Procedure	9
7.6.3 Treatment of the results	9
7.7 Solubility and disintegration	10
7.7.1 General	10
7.7.2 Apparatus	10
7.7.3 Sample preparation	10
7.7.4 Procedure	11
7.7.5 Repetition test of solubility and dissolution	12
7.7.6 Treatment of results	13
7.8 Radiopacity	13
7.8.1 General	13
7.8.2 Apparatus	13
7.8.3 Sample preparation	14

7.8.4	Procedure	14
7.8.5	Treatment of results	14
8	Marking, packaging and labelling	15
8.1	Marking	15
8.2	Packaging	15
8.3	Labelling	15
Annex A (informative) Working time determination test for Type 1 materials		17
Bibliography		20

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

[ISO 6876:2025](https://standards.itih.ai/catalog/standards/iso/4b7ed510-99c7-4cd3-ac8f-18ead6b413b2/iso-6876-2025)

<https://standards.itih.ai/catalog/standards/iso/4b7ed510-99c7-4cd3-ac8f-18ead6b413b2/iso-6876-2025>