
**Conveyor belts with a textile carcass —
Total belt thickness and thickness of
constitutive elements — Test methods**

*Courroies transporteuses à carcasse textile — Épaisseur totale de la
courroie et épaisseur des éléments constitutifs — Méthodes d'essai*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2023

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	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Determination of total belt thickness	1
4.1 Apparatus.....	1
4.2 Test piece.....	1
4.3 Measurement points.....	2
4.4 Procedure.....	3
4.5 Expression of results.....	3
5 Determination of thickness of covers	3
5.1 General.....	3
5.2 Method used when covers can be removed completely from carcass.....	3
5.2.1 Principle.....	3
5.2.2 Apparatus.....	3
5.2.3 Test piece.....	3
5.2.4 Measurement points.....	3
5.2.5 Procedure.....	3
5.2.6 Expression of results.....	4
5.3 Method used when covers cannot be removed completely from carcass.....	5
5.3.1 Principle.....	5
5.3.2 Apparatus.....	5
5.3.3 Test piece.....	5
5.3.4 Measurement points.....	5
5.3.5 Procedure.....	5
5.3.6 Expression of results.....	6
6 Determination of carcass thickness	6
6.1 Carcass thickness without covers.....	6
6.2 Carcass thickness with covers.....	6
6.3 Expression of results.....	6
7 Determination of thickness of interlayer	7
7.1 General.....	7
7.2 Method used when elastomeric material in interlayer can be removed completely from adjacent fabric ply.....	7
7.2.1 Principle.....	7
7.2.2 Apparatus.....	7
7.2.3 Test piece.....	7
7.2.4 Measurement points.....	7
7.2.5 Procedure.....	7
7.2.6 Expression of results.....	7
7.3 Method for use when elastomeric material in interlayer cannot be separated completely from adjacent fabric ply.....	8
7.3.1 Principle.....	8
7.3.2 Apparatus.....	8
7.3.3 Test piece.....	8
7.3.4 Measurement points.....	8
7.3.5 Procedure.....	8
7.3.6 Expression of results.....	8
8 Test report	8
Bibliography	10