

INTERNATIONAL
STANDARD

ISO
21182

Second edition
2013-02-15

Light conveyor belts — Determination of the coefficient of friction

*Courroies transporteuses légères — Détermination du coefficient
de frottement*

Reference number
ISO 21182:2013(E)



© ISO 2013



COPYRIGHT PROTECTED DOCUMENT

© ISO 2013

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
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
4.1 Dynamic coefficient of friction	2
4.2 Static coefficient of friction	2
5 Apparatus (see Figure 2)	2
6 Test piece	3
6.1 Test piece material	3
6.2 Number and dimensions of test pieces	3
6.3 Conditioning	4
7 Procedure	6
8 Calculation and expression of results	6
8.1 Dynamic friction, μ_D	6
8.2 Static friction μ_S	7
8.3 Examples for recorded graph of μ_S (force/path diagrams)	7
9 Test report	9
Bibliography	10

