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AMENDMENT 1
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Conveyor belts — Determination of elastic and permanent elongation and calculation of elastic modulus

AMENDMENT 1

Courroies transporteuses — Détermination de l'allongement élastique et permanent et calcul du module d'élasticité

AMENDEMENT 1

Reference number
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Foreword

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Amendment 1 to ISO 9856:2003 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 3, *Conveyor belts*.

Conveyor belts — Determination of elastic and permanent elongation and calculation of elastic modulus

AMENDMENT 1

Page 1, Scope

Replace the second paragraph with the following:

It is not applicable to or valid for light conveyor belts, as described in ISO 21183-1.

Pages 1 to 2, Terms and definitions

Replace entries 3.3, 3.4 and 3.5 with the following:

3.3
upper reference force
F_U
force equivalent to 10 % of T, expressed in newtons per millimetre

3.4
lower reference force
F_L
force equivalent to 2 % of T, expressed in newtons per millimetre

3.5
specific force range factor
ΔF
specific force range applied during the test, i.e. the upper reference force minus the lower reference force, expressed in newtons per millimetre

Page 2, Clause 4

Add the following new second paragraph:

The special application conveyor belts may be used with higher elongation in the tensile member. For these belts, the permanent elongation measured according to the stated test procedure does not allow a conclusion regarding the permanent elongation of the belt in real-life operation. A higher number of load cycles (jointly agreed upon by the supplier and the customer) can be of help.

Page 4, Figure 1

In the key, replace “Y force applied, N” with “Y force applied, N/mm”.

Page 6, Bibliography

Replace Reference [4] with the following:

ISO 21183-1, *Light conveyor belts — Part 1: Principal characteristics and applications*

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Price based on 1 page