

INTERNATIONAL
STANDARD

ISO
9853

First edition
1991-07-01

**Injection-moulded unplasticized poly(vinyl
chloride) (PVC-U) fittings for pressure pipe
systems — Crushing test**

*Raccords moulés en poly(chlorure de vinyle) non plastifié (PVC-U) pour
canalisations avec pression — Essai à l'écrasement*



Reference number
ISO 9853:1991(E)

Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9853 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*.

Annexes A and B of this International Standard are for information only.

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Introduction

Injection-moulded unplasticized poly(vinyl chloride) fittings can be crushed without their failing if they contain no residual stresses as a result of the moulding process. However, if these residual stresses are too great, the fitting will fail when a crushing force is applied.

The percentage deformation of a fitting, in relation to its initial diameter, constitutes a simple criterion for the selection of fittings having an acceptable level of internal stresses.