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**Plastics piping systems — Glass-reinforced  
thermosetting plastics (GRP) pipes —  
Determination of the creep factor under dry  
conditions**

*Systèmes de canalisations en matières plastiques — Tubes plastiques  
thermodurcissables renforcés de verre (PRV) — Détermination du  
coefficient de fluage en condition sèche*

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## 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 7684 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 6, *Reinforced plastics pipes and fittings for all applications*.

This International Standard is technically identical to EN 761:1994.

Annex A of this International Standard is for information only.

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# Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) pipes — Determination of the creep factor under dry conditions

## 1 Scope

This International Standard specifies a method for determining the dry creep factor of glass-reinforced plastics pipes.

It is applicable to pipes with an initial specific ring stiffness of not less than  $630 \text{ N/m}^2$ , when determined by the method specified in the referring standard.

NOTE - For this purpose plates or beam bars are considered to be equally valid for loading the test piece up to a relative deflection of 28 %. When it is expected that the relative deflection will be more than 28 %, then the test is to be conducted using beam bars (see 8.3).

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7685:—<sup>1)</sup> *Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes - Determination of initial specific ring stiffness*

ISO 10928:—<sup>1)</sup> *Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Methods for regression analysis and their use*

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1) To be published