
**Adhesives for thermoplastic piping
systems —**

**Part 1:
Determination of film properties**

*Adhésifs pour réseaux de tuyauteries en matières thermoplastiques —
Partie 1: Détermination des propriétés des films*

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Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9311-1 was prepared by the European Committee for Standardization (CEN) in collaboration with Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 5, *General properties of pipes, fittings and valves of plastic materials and their accessories — Test methods and basic specifications*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this document, read “...this European Standard...” to mean “...this International Standard...”.

ISO 9311 consists of the following parts, under the general title *Adhesives for thermoplastic piping systems*:

- *Part 1: Determination of film properties*
- *Part 2: Determination of shear strength*
- *Part 3: Test method for the determination of resistance to internal pressure*

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 193 "Adhesives" the secretariat of which is held by AENOR, in collaboration with Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

This European Standard is one of a series of standards as listed below:

ISO 9311-1: Adhesives for thermoplastics piping systems - Part 1: Determination of film properties

ISO 9311-2: Adhesives for thermoplastic piping systems - Part 2: Determination of shear strength

ISO 9311-3: Adhesives for thermoplastic piping systems - Part 3: Test method for the determination of resistance to internal pressure

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom

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