
**Plastics pipes and fittings — Equipment
for fusion jointing polyethylene
systems —**

**Part 3:
Operator's badge**

*Tubes et raccords en matières plastiques — Appareillage pour
l'assemblage par soudage des systèmes en polyéthylène —*

Partie 3: Carte d'identification de l'opérateur



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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 12176-3 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 4, *Plastics pipes and fittings for the supply of gaseous fuels*.

This second edition cancels and replaces the first edition (ISO 12176-3:2001), which has been technically revised.

ISO 12176 consists of the following parts, under the general title *Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems*:

- *Part 1: Butt fusion*
- *Part 2: Electrofusion*
- *Part 3: Operator's badge*
- *Part 4: Traceability coding*

Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems —

Part 3: Operator's badge

1 Scope

This part of ISO 12176 describes the format and the contents of a fusion operator's badge, which is used during the construction of polyethylene (PE) piping systems for the supply of gaseous fuels or water to identify the fusion operator and to activate or deactivate the fusion-jointing equipment.

The objective of this part of ISO 12176 is to achieve international interoperability between the operator's badge and the card-reading equipment of fusion-jointing equipment conforming to ISO 12176-1 or ISO 12176-2. The fusion-jointing equipment is required to read either the bar code or the magnetic-stripe code of the badge and to call up the corresponding data within the equipment in a standard format.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3166-1, *Codes for the representation of names of countries and their subdivisions — Part 1: Country codes*

ISO/IEC 7810, *Identification cards — Physical characteristics*

ISO/IEC 7811-2:2001, *Identification cards — Recording technique — Part 2: Magnetic stripe — Low coercivity*

ISO/IEC 7811-6:2001, *Identification cards — Recording technique — Part 6: Magnetic stripe — High coercivity*

ISO/IEC 16390, *Information technology — Automatic identification and data capture techniques — Bar code symbology specifications — Interleaved 2 of 5*