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Third edition  
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## Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems —

### Part 1: Butt fusion

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

*Partie 1: Soudage bout à bout*



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## Foreword

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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 12176-1 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 third edition cancels and replaces the second edition (ISO 12176-1:2006), 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*