



**ISO 12176-2**

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

**Part 2:  
Electrofusion**

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

*Partie 2: Électrosoudage*

**Third edition  
2025-06**

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This document 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 12176-2:2008), which has been technically revised. It also incorporates the Amendment ISO 12176-2:2008/Amd. 1:2001.

The main changes are as follows:

- the whole document has been redrafted in order to adapt it to current electronic technologies;
- all clauses previously referring to health and safety have been removed, leaving manufacturers free to decide which level of electrical safety they want to provide to the users, in respect of applicable regional rules;
- a new annex has been added providing information on applicable IEC safety standards.

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