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ISO 12176-1:2006 Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 1: Butt fusion

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Abbreviation
ISO 12176-1:2006
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Standards New Zealand
Author
International Organization for Standardization
Information type
ISO Standard
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Description

ISO 12176-1:2006 specifies the general characteristics of, and performance requirements for, equipment for butt fusion jointing of polyethylene (PE) piping systems using electric heaters.

It is applicable to mechanical and pressure-activated equipment for butt fusion jointing PE pipes and fittings either intended to be used for the supply of gaseous fuels, conforming to ISO 4437 and ISO 8085-2, or intended for the conveyance of water for human consumption (including raw water prior to treatment) and for the conveyance of water for general purposes, conforming to ISO 4427-2 and ISO 4427-3.

The normal ambient-temperature range in which the butt fusion machine is intended to operate is -10°C to +40°C. Use outside this temperature range will need to be agreed between the user and the supplier of the machine.

Butt fusion machines with an automatic controller are subject to additional requirements as given in Annex A.

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