INTERNATIONAL STANDARD ISO 8085-3:2001
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Polyethylene fittings for use with polyethylene pipes for the supply of gaseous fuels — Metric series — Specifications —

Part 3: Electrofusion fittings

TECHNICAL CORRIGENDUM 1

Raccord en polyéthylène pour utilisation avec des tubes en polyéthylène pour la distribution de combustibles gazeux — Série métrique — Spécifications —

Partie 3: Raccords électrosoudables

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 8085-3:2001 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*.

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Replace subclause 7.2.2.2 and Table 4 by the following:

7.2.2.2 Relationship between fitting and pipe wall thickness

The wall thickness of the body of the fitting at any point, E, shall be equal to or greater than the minimum wall thickness of the corresponding pipe, e_{min}, for any part of the fitting located at a distance beyond $2L_1/3$ from all entrance faces of the fitting, when the fitting and the corresponding pipe are made from a polyethylene with the same designation. If the fitting is produced from a polyethylene with an MRS designation different from that of the corresponding pipe, the relationship between the wall thickness of the fitting, E, and the pipe, e_{min}, shall conform to Table 4.

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In the case of a wall thickness design different from the one specified above, fittings and associated fusion joints shall additionally meet the performance requirements given in 8.2 (Table 7).

Table 4 — Relationship between fitting and pipe wall thickness

Pipe and fitting material		Relationship between fitting (E) and pipe (e_n) wall thickness
Pipe	**Fitting**	
PE 80	PE 100	$E \geqslant 0{,}8\ e_n$
PE 100	PE 80	$E \geqslant e_n/0{,}8$

In order to prevent stress concentrations, any changes in wall thickness of the fitting body shall be gradual.

Page 15, subclause 8.1

Change the NOTE to full text as it contains a recommendation.

Page 15, Table 7

Delete footnote [a] and the reference to it on “Resistance to tensile load”.