INTERNATIONAL STANDARD

ISO 14531-3

Second edition 2010-12-01

Plastics pipes and fittings — Crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels — Metric series — Specifications —

Part 3:

Fittings for mechanical jointing (including PE-X/metal transitions)

Tubes et raccords en matières plastiques — Systèmes de tubes en polyéthylène réticulé (PE-X) pour le transport de combustibles gazeux — Série métrique — Spécifications —

Partie 3: Raccords pour assemblage mécanique (y compris transitions PE-X/métal)



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents Page

Forewo	ord	iv
Introdu	uction	V
1	Scope	1
2	Normative references	2
3	Terms and definitions	3
4 4.1	MaterialsGeneral	
4.2 4.3	StrengthChemical resistance	4 4
4.4 4.5	Lubricants	
5 5.1 5.2 5.3	Fittings Design Appearance Dimensions	5 6
5.4 5.5 5.6	Mechanical performance	7
6	Elastomeric seals	9
7 7.1 7.2 7.3 7.4	Marking Legibility Damage Minimum marking requirements Labels	9 9
Annex	A (normative) Resistance to gas constituents	.11
	B (normative) Method of test of the integrity of a fitting after an external blow	
Annex	C (normative) Constant-strain thermal-cycling test	.16