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Plastics piping systems for industrial applications — Poly(vinylidene fluoride) (PVDF) — Specifications for components and the system

Systèmes de canalisations en matières plastiques pour les applications industrielles — Poly(fluorure de vinylidène) (PVDF) — Spécifications pour les composants et le système



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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

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Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	2
3 Terms and definitions.....	3
4 Symbols and abbreviated terms	6
5 Material	7
6 General characteristics — Appearance.....	9
7 Geometrical characteristics.....	9
8 Mechanical characteristics	10
9 Physical characteristics	11
10 Chemical characteristics	11
11 Electrical characteristics	11
12 Performance requirements	11
13 Classification of components.....	12
14 Design of a thermoplastics piping system for industrial applications	12
15 Installation of piping systems	13
16 Declaration of compliance with this International Standard.....	13
17 Marking	13
18 Manufacture.....	15
Annex A (informative) Specific characteristics and requirements for industrial piping systems made from poly(vinylidene fluoride) (PVDF).....	16
Bibliography	34

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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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 10931 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 3, *Plastics pipes and fittings for industrial applications*.

This first edition of ISO 10931 cancels and replaces ISO 10931-1:1997, ISO 10931-2:1997, ISO 10931-3:1996, ISO 10931-4:1997 and ISO 10931-5:1998, of which it constitutes a technical revision.

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Introduction

This International Standard specifies the characteristics and requirements for a piping system and its components made from poly(vinylidene fluoride) (PVDF) intended to be used for industrial applications, above-ground, by authorities, design engineers, certification bodies, inspection bodies, testing laboratories, manufacturers and users.

At the date of publication of this International Standard, International Standards for piping systems of other plastics used for industrial applications were ISO 15493, for acrylonitrile-butadiene-styrene (ABS), unplasticized poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C) and ISO 15494, for polybutene (PB), polyethylene (PE), polypropylene (PP).