



# SLOVENSKI STANDARD

## SIST ISO 3213:1995

01-november-1995

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### Polipropilenske cevi - Zmanjšanje dopustne napetosti v odvisnosti od časa in temperature

Polypropylene pipes -- Reduction of permissible stress as a function of time and temperature

### iTeh STANDARD PREVIEW

Tubes en polypropylène -- Dégressivité des tensions de charge en fonction du temps et de la température

[SIST ISO 3213:1995](https://standards.iteh.ai/catalog/standards/sist/7bb5db8d-dc2d-42d3-807a-c27d167648b/sist-iso-3213-1995)

Ta slovenski standard je istoveten z: **ISO 3213:1975**

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#### **ICS:**

23.040.20 Cevi iz polimernih materialov Plastics pipes

**SIST ISO 3213:1995**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST ISO 3213:1995

<https://standards.iteh.ai/catalog/standards/sist/7bb5db8d-dc2d-42d3-807a-c27f9187648b/sist-iso-3213-1995>

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**INTERNATIONAL STANDARD****3213**

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## **Polypropylene pipes — Reduction of permissible stress as a function of time and temperature**

*Tubes en polypropylène — Dégressivité des tensions de charge en fonction du temps et de la température*

First edition — 1975-09-15

**iTeh STANDARD PREVIEW**  
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<https://standards.iteh.ai/catalog/standards/sist/7bb5db8d-dc2d-42d3-807a-c279187648b/sist-iso-3213-1995>

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3213 was drawn up by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, and circulated to the Member Bodies in July 1973.

**STANDARD PREVIEW**  
(standards.iteh.ai)

It has been approved by the Member Bodies of the following countries :

Australia	Germany	South Africa, Rep. of
Belgium	India	Spain
Bulgaria	Israel	Sweden
Chile	Italy	Thailand
Czechoslovakia	Japan	Turkey
Denmark	Netherlands	United Kingdom
Egypt, Arab Rep. of	Norway	Yugoslavia
Finland	Poland	
France	Portugal	

The Member Bodies of the following countries expressed disapproval of the document on technical grounds :

Austria  
Switzerland

# Polypropylene pipes — Reduction of permissible stress as a function of time and temperature

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the maximum values for permissible stresses, as a function of time and temperature, for use in calculations on polypropylene pipes, based on homopolymers and copolymers.

## 2 PERMISSIBLE STRESSES

The permissible stresses to be used for various temperatures and times are given in the following table.

Temperature °C	Time years	Permissible stress N/mm <sup>2</sup>
20	1	7,0
	5	6,2
	10	6,0
	50	5,0
	50	4,5
40	1	4,5
	5	4,0
	10	3,8
	50	3,0
60	1	3,0
	5	2,6
	10	2,5
80	1	2,0
	5	1,5
	10	1,2
100	1	1,2
	5	0,6