SLOVENSKI STANDARD
SIST ISO 2045:1995

01-november-1995

Enojni oglavki za tlaļ ne cevi iz nemehļ anega polivinilklorida (PVC - U) in kloriranega polivinilklorida (PVC - C) za spoje z elastiļ nimi tesnilnimi obroļ i - Najmanjģa dolģina spoja

Single sockets for unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly (vinyl chloride) (PVC-C) pressure pipes with elastic sealing ring type joints -- Minimum depths of engagement

Emboîtures simples pour tubes pression en poly(chlorure de vinyle) non plastifié (PVC-U) et en poly(chlorure de vinyle) chloré (PVC-C) avec joints d'étanchéité élastiques -- Profondeurs minimales d'emboîture

Ta slovenski standard je istoveten z: **ISO 2045:1988**

ICS:

23.040.45	Fitingi iz polimernih materialov	Plastics fittings

SIST ISO 2045:1995 **en**

INTERNATIONAL STANDARD

ISO 2045

Second edition
1988-05-15

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

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Reference number
ISO 2045 : 1988 (E)

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.

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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 2045 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*.

This second edition cancels and replaces the first edition (ISO 2045 : 1973), of which it constitutes a technical revision.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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Single sockets for unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C) pressure pipes with elastic sealing ring type joints — Minimum depths of engagement

1 Scope

This International Standard specifies the minimum depths of engagement for single sockets for unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C) pressure pipes with elastic sealing ring type joints.

2 Field of application

The minimum depths of engagement are applicable to pipes up to 12 m in length for the transport of fluids, for installation below or above the ground, in situations where changes in length will occur.

3 Reference

ISO 161-1, *Thermoplastics pipes for the transport of fluids — Nominal outside diameters and nominal pressures — Part 1: Metric series.*

4 Calculation

The minimum depth of engagement m is calculated from the following formulae:

a) for nominal diameters $d_e \leqslant 280$ mm

$$m \geqslant 50 \text{ mm} + 0{,}22\, d_e$$

b) for nominal diameters $d_e > 280$ mm

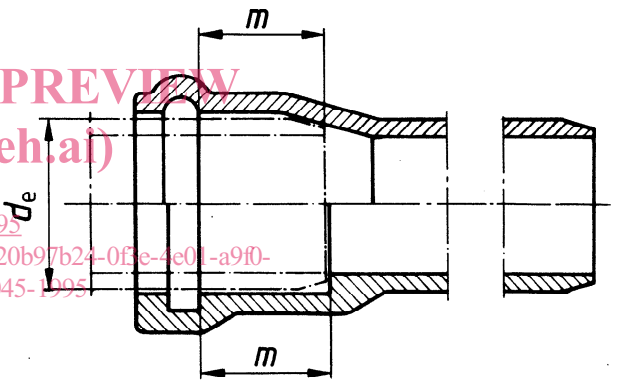
$$m \geqslant 70 \text{ mm} + 0{,}15\, d_e$$

where d_e is expressed in millimetres.

NOTE — The value m takes account of thermal expansion and contraction, contraction due to transverse expansion, possible bending and a safety factor.

5 Minimum depths of engagement

Minimum depths of engagement (see the figure) shall be as given in the table.



Dimensions in millimetres

Nominal outside diameter of pipe [1] d_e	Minimum depth of engagement m
63	64
75	67
90	70
110	75
125	78
140	81
160	86
180	90
200	94
225	100
250	105
280	112
315	118
355	124
400	130
450	138
500	145
560	154
630	165

1) In accordance with ISO 161-1.