
INTERNATIONAL STANDARD



2048

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

Double socket fittings for unplasticized polyvinyl chloride (PVC) pressure pipes with elastic sealing ring type joints — Minimum depths of engagement

iTeh STANDARD PREVIEW

First edition — 1973-03-15

(standards.iteh.ai)

[ISO 2048:1973](https://standards.iteh.ai/catalog/standards/sist/8a747d65-5e60-4be3-ab8c-6b23fbf25846/iso-2048-1973)

<https://standards.iteh.ai/catalog/standards/sist/8a747d65-5e60-4be3-ab8c-6b23fbf25846/iso-2048-1973>

UDC 621.643.4 : 678.743

Ref. No. ISO 2048-1973 (E)

Descriptors : pipes (tubes), plastic pipes, pressure pipe, pipe joints, sockets, dimensions.

Price based on 1 page

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 2048 was drawn up by Technical Committee ISO/TC 138, *Plastics pipes and fittings for the transport of fluids*, and circulated to the Member Bodies in June 1970.

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

| | | |
|---------------------|-------------|-----------------------|
| Australia | Germany | Poland |
| Austria | Greece | Portugal |
| Belgium | Hungary | South Africa, Rep. of |
| Canada | India | Spain |
| Czechoslovakia | Ireland | Sweden |
| Denmark | Israel | Switzerland |
| Egypt, Arab Rep. of | Netherlands | Thailand |
| Finland | New Zealand | United Kingdom |
| France | Norway | U.S.S.R. |

No Member Body expressed disapproval of the document.

Double socket fittings for unplasticized polyvinyl chloride (PVC) pressure pipes with elastic sealing ring type joints – Minimum depths of engagement

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the minimum depths of engagement for double socket fittings for unplasticized PVC pressure pipes with elastic sealing ring type joints.

2 REFERENCE

ISO/R 161, *Pipes of plastics materials for the transport of fluids (Outside diameters and nominal pressures) – Part I : Metric series.*

3 CALCULATION

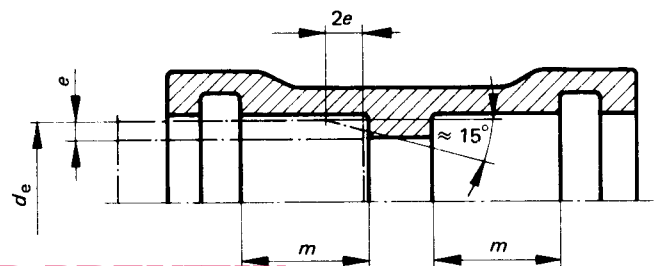
The minimum depth of engagement m is calculated from the formula

$$m \geq 30 \text{ mm} + 0,15 d_e$$

where d_e is the nominal outside diameter of the pipe, in millimetres.

4 MINIMUM DEPTHS OF ENGAGEMENT

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



Dimensions in millimetres

iTeh STANDARD PREVIEW
(standards.iteh.ai)

| Nominal outside diameter of pipe ¹⁾ d_e | Minimum depth of engagement for double socket fittings m |
|---|---|
| 63 | 40 |
| 75 | 42 |
| 90 | 44 |
| 110 | 47 |
| 125 | 49 |
| 140 | 51 |
| 160 | 54 |
| 180 | 57 |
| 200 | 60 |
| 225 | 64 |
| 250 | 68 |
| 280 | 72 |
| 315 | 78 |
| 355 | 84 |
| 400 | 90 |

1) In accordance with ISO/R 161.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 2048:1973

<https://standards.iteh.ai/catalog/standards/sist/8a747d65-5e60-4be3-ab8c-6b23fbf25846/iso-2048-1973>