

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

First edition – 1973-03-15

STANDARDSISO.COM : Click to view the full PDF 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

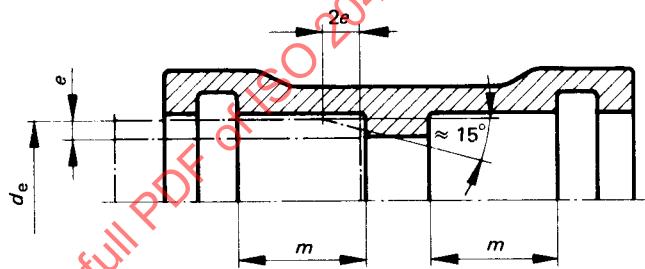
The minimum depth of engagement m is calculated from the formula

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

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.



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.