
INTERNATIONAL STANDARD



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Pneumatic handling appliances for loose bulk materials – Piping

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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 2327 was drawn up by Technical Committee ISO/TC 101, *Continuous mechanical handling equipment*.

It was approved in October 1971 by the Member Bodies of the following countries:

Belgium	India	South Africa, Rep. of
Czechoslovakia	Ireland	Spain
Egypt, Arab Rep. of	Italy	Sweden
Finland	Korea, Rep. of	Thailand
France	Netherlands	Turkey
Germany	New Zealand	United Kingdom

The Member Body of the following country expressed disapproval of the document on technical grounds:

Romania

Pneumatic handling appliances for loose bulk materials – Piping

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions of piping used in the pneumatic handling of loose bulk materials, in three series, light, medium and strong.

2 DIMENSIONS

D = inside diameter

D_1 = outside diameter

e = wall thickness

TABLE – Dimensions of pipes

Values in millimetres

Light series			Medium series			Strong series		
D	D_1	e	D	D_1	e	D	D_1	e
	48.3			48.3			48.3	
	54			54			54	
	57			57			57	
	60.3			60.3			60.3	
66	70	2	64.2	70	2.9	57.4	70	6.3
72.1	76.1	2	70.3	76.1	2.9	63.5	76.1	6.3
84.9	88.9	2	82.5	88.9	3.2	76.3	88.9	6.3
96.4	101.6	2.6	94.4	101.6	3.6	89	101.6	6.3
102.8	108	2.6	100.8	108	3.6	95.4	108	6.3
109.1	114.3	2.6	107.1	114.3	3.6	101.7	114.3	6.3
127.2	133	2.9	125	133	4	120.4	133	6.3
133.9	139.7	2.9	131.7	139.7	4	127.1	139.7	6.3
153.2	159	2.9	150	159	4.5	146.4	159	6.3
162.5	168.3	2.9	159.3	168.3	4.5	155.7	168.3	6.3
187.9	193.7	2.9	182.9	193.7	5.4	177.7	193.7	8
211.9	219.1	3.6	207.3	219.1	5.9	203.1	219.1	8
236.5	244.5	4	231.9	244.5	6.3	228.5	244.5	8
	273			273			273	
	323.9			323.9			323.9	
	355.6			355.6			355.6	
	368			368			368	

NOTES

- The recommended dimensions are shown in bold type.
- See also ISO/R 336, *Plain end steel tubes, welded or seamless – General table of dimensions and masses per unit length*.