

# इंटरनेट

# मानक

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IS 12988 (1991): Rubber Sealing Rings for Cid Joints for Light Duty ac Pipes - Dimensional Requirements [MTD 6: Pig iron and Cast Iron]



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भारतीय मानक

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*Indian Standard*

RUBBER SEALING RINGS FOR CID JOINTS  
FOR LIGHT DUTY AC PIPES —  
DIMENSIONAL REQUIREMENTS

UDC 621-762.8 [ 678.4 ] : 006.78 : 621.643.2 [ 666.961 ]

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BUREAU OF INDIAN STANDARDS  
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NEW DELHI 110002

## FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Pig Iron and Cast Iron Sectional Committee had been approved by the Metallurgical Engineering Division Council.

This standard has been prepared with a view to guide the industries with regard to dimensional requirement for rubber sealing rings for use in CID Joints suitable for light duty AC Pipes.

This standard covers sizes up to 200 mm nominal diameter for Class 5 and 10.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

# Indian Standard

## RUBBER SEALING RINGS FOR CID JOINTS FOR LIGHT DUTY AC PIPES — DIMENSIONAL REQUIREMENTS

### 1 SCOPE

1.1 This standard specifies the dimensional requirement for rubber sealing rings to be used with cast iron detachable joints conforming to IS 12987 : 1990 for joining light duty asbestos cement pressure pipes conforming to IS 9627 : 1980.

1.2 This standard covers the dimensions of rubber sealing rings having circular cross section only up to 200 mm nominal diameter. for class 5 and 10.

### 2 REFERENCE

2.1 The following Indian Standards have been referred to in this standard:

IS No.	Title
5382 : 1985	Rubber sealing rings for gas mains, water mains and sewers (first revision)
9627 : 1980	Asbestos cement pressure pipes (light duty)

### 3 GENERAL

3.1 Unless otherwise stated requirement of rubber sealing rings including sampling criteria as specified in IS 5382 : 1985 shall be complied with.

3.2 The rubber sealing rings shall conform to Type 3 of IS 5382 : 1985.

### 4 DIMENSIONS AND TOLERANCES

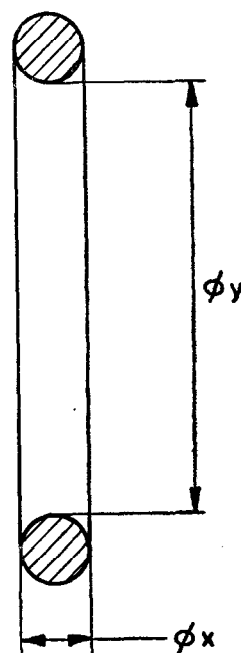
4.1 The inner diameter and cross-sectional diameter of rubber sealing rings of various sizes and classes of CID Joints shall be in accordance with Table 1.

#### 4.2 Tolerances

A tolerance of  $\pm 0.5$  mm shall be allowed on cross sectional diameter ' $\phi X$ ' and  $\pm 1$  percent on inner dia ' $\phi Y$ ' specified in Table 1.

Table 1 Dimensions of Rubber Sealing Rings for Light Duty AC Pipes

(Clauses 4.1 and 4.2)



Nominal Dia of Pipe & Joint mm	Class	Inner Dia ' $\phi Y$ ' mm	Cross Sectional Dia, ' $\phi X$ ' mm	Number Per Set
50	5 and 10	60	10	2
80	5 and 10	90	14	2
100	5 and 10	109	14	2
125	5 and 10	131	14	2
150	5 and 10	155	14	2
200	5 and 10	201	14	2

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