

**DIN 8062****DIN**

ICS 23.040.20

Supersedes  
DIN 8062:1988-11**Unplasticized polyvinyl chloride (PVC-U) pipes –  
Dimensions****English version of DIN 8062:2009-10****Rohre aus weichmacherfreiem Polyvinylchlorid (PVC-U) –  
Maße**

Englische Übersetzung von DIN 8062:2009-10

**Tuyaux en chlorure de polyvinyle non plastifié (PVC-U) –  
Dimensions**

Traduction anglaise de DIN 8062:2009-10

Document comprises 15 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

*A comma is used as the decimal marker.*

## Contents

	Page
<b>Foreword</b> .....	<b>3</b>
<b>1 Scope</b> .....	<b>4</b>
<b>2 Normative references</b> .....	<b>4</b>
<b>3 Terms and definitions</b> .....	<b>4</b>
<b>4 Material</b> .....	<b>5</b>
<b>5 Safety factors</b> .....	<b>5</b>
<b>6 Dimensions and designation</b> .....	<b>5</b>
<b>6.1 General</b> .....	5
<b>6.2 Outside diameters, wall thicknesses, S/SDR series and masses</b> .....	6
<b>6.3 Tolerances on mean outside diameter and out-of-roundness</b> .....	8
<b>6.4 Tolerances on wall thickness</b> .....	9
<b>7 Allowable working pressures</b> .....	<b>10</b>
<b>7.1 Allowable working pressures for pipes conveying water</b> .....	10
<b>7.2 Allowable working pressures for pipes conveying other liquids</b> .....	10
<b>8 Form supplied</b> .....	<b>13</b>
<b>9 Marking</b> .....	<b>13</b>
<b>Annex A (informative) Explanatory notes</b> .....	<b>14</b>
<b>Bibliography</b> .....	<b>15</b>

### Figures

<b>Figure 1 — Outside diameter and wall thickness</b> .....	<b>5</b>
---	----------

### Tables

<b>Table 1 — Outside diameters, wall thicknesses, S/SDR series and masses</b> .....	<b>6</b>
<b>Table 2 — Tolerances on mean outside diameter and out-of roundness</b> .....	<b>8</b>
<b>Table 3 — Tolerances on wall thickness</b> .....	<b>9</b>
<b>Table 4 — Allowable working pressure for PVC-U pipes with a safety factor (SF) = 2,5</b> .....	<b>11</b>
<b>Table 5 — Allowable working pressures for PVC-U pipes with a safety factor (SF) = 2,0</b> .....	<b>12</b>
<b>Table 6 — Tolerances for pipe lengths</b> .....	<b>13</b>

## Foreword

This document has been prepared by Working Committee NA 054-05-01 AA *Außendurchmesser und Betriebsdrücke* of the *Normenausschuss Kunststoffe* (FNK) (Plastics Standards Committee).

See Annex A for the relationship to International Standard ISO 161-1 published by the International Organization for Standardization.

Attention is drawn to the possibility that some elements of this document may be the subject of patent rights. DIN shall not be held responsible for identifying any or all such patent rights.

## Amendments

This standard differs from DIN 8062:1988-11 as follows:

- a) The title has been changed.
- b) The content has been editorially revised.
- c) Materials PVC-U-K and PVC-HI have been deleted.
- d) Information regarding pipe series and pressure ratings have been deleted from the tables giving dimensions.
- e) Information on pipe series S = 5 has been added.
- f) A table giving allowable working pressures for a safety factor SF = 2 is now included.
- g) The table giving tolerances on mean outside diameters has been expanded to include tolerances on out-of-roundness.
- h) Values in the table giving dimensions have been harmonized with ISO 4065.
- i) The table giving allowable working pressures for pipes conveying fluids to which PVC-U is resistant has been deleted.
- j) The average density of pipes has been increased to 1,42 g/cm<sup>3</sup>.
- k) In the table giving outside diameters, wall thicknesses and masses, the masses have been calculated for an average density of 1,42 g/cm<sup>3</sup>.

## Previous editions

DIN 8062: 1941x-07, 1959-03, 1960x-07, 1966-09, 1971-04, 1974-02, 1988-11