PVC SYSTEMS · SELECTED CATALOGUE DATA

PVC-O 500 pipe · selected dimensions



Original photograph from the supplied product library. Family illustration only; it does not identify a specific size, material grade, pressure class or certified batch.

DOCUMENT SUMMARY

Selected material
PVC-O 500

Selection tables
1

Listed nominal diameters
17

Grade 500, OD90–630 mm, SDR45.8 / 37 / 29 only. Values are catalogue selection data, not a test certificate or project design. Reviewed tables follow on the next pages.

BEFORE ORDERING

Provide the exact material, size designation, outside diameter, wall series, quantity and service conditions. Confirm current drawings, connection compatibility and availability before ordering.

DOCUMENT LIMITS

Prepared from supplied catalogue data. Not a certificate, test report, installation guide or approval of current standards compliance. Pressure and service suitability require separate confirmation.

PVC SYSTEMS · SELECTED CATALOGUE DATA

PVC-O 500 · selected OD90–630 mm

REVIEWED CATALOGUE ENTRIES

Nominal OD (mm)	SDR45.8 / 1.6 MPa Wall (mm)	SDR37 / 2.0 MPa Wall (mm)	SDR29 / 2.5 MPa Wall (mm)
90	2	2.5	3.1
110	2.4	3.1	3.8
125	2.8	3.5	4.3
140	3.1	3.9	4.8
160	3.5	4.4	5.5
180	4	5	6.2
200	4.4	5.5	6.9
225	5	6.2	7.7
250	5.5	6.9	8.6
280	6.2	7.7	9.6
315	6.9	8.7	10.8
355	7.8	9.8	12.2
400	8.8	11.1	13.7
450	9.9	12.4	15.4
500	11	13.7	17.1
560	12.3	15.4	19.2
630	13.8	17.3	21.6

PVC-O grade 500 only. Pressures are catalogue designations. Source notes give suggested burial maxima of 3.0 / 4.0 / 5.0 m for SDR45.8 / 37 / 29 respectively; these are not approved site designs. Check soil, bedding, load, vacuum, surge and project conditions with the designer. Other grades and SDR65/SDR51 are outside this sheet.

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