

DIN EN ISO 1452-4:2010-04 (E)

Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 4: Valves (ISO 1452-4:2009)

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	6
3 Terms, definitions, symbols and abbreviated terms	7
4 Material	7
4.1 Valve bodies	7
4.2 Density	7
4.3 MRS-value	7
4.4 Additional components	7
5 General characteristics	7
5.1 Appearance	7
5.2 Colour	7
5.3 Opacity	7
6 Geometrical characteristics	8
6.1 Measurement of dimensions	8
6.2 Nominal diameters	8
6.3 Valves dimensions	8
7 Classification and operating conditions	8
7.1 Classification	8
7.2 Determination of the allowable operating pressure for water up to 45 °C	8
8 Mechanical characteristics	9
8.1 Resistance of valve bodies to internal pressure	9
8.2 Crushing test	9
8.3 Durability	9
8.4 Functional properties	9
9 Physical characteristics	9
10 Chemical characteristics	10
11 Sealing rings	10
12 Adhesives	10
13 Performance requirements	11
14 Marking	11
14.1 General	11
14.2 Minimum required marking	11

14.3	Additional marking	12
	Annex A (normative) Imperial(inch)-sized valves	13
	Bibliography	15