

Specification for

General requirements for dimensions and pressure ratings for pipe of thermoplastics materials (metric series)

UDC 678.073 – 462:621.643.2

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Cooperating organizations

The Plastics Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:

- British Plastics Federation*
- Chemical Industries Association*
- Electrical and Electronic and Insulation Association (BEAMA)
- Electrical Installation Equipment Manufacturers' Association (BEAMA)
- Electrical Research Association
- Engineering Equipment Users' Association*
- Institution of Production Engineers
- Ministry of Defence*
- Plastics and Rubber Institute
- Post Office
- Royal Institute of British Architects*
- Rubber and Plastics Research Association of Great Britain*
- Society of Chemical Industry
- The Society of Motor Manufacturers and Traders Limited

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Chemical and Dyestuffs Traders' Association
- British Gas Corporation
- British Rubber Manufacturers' Association
- British Valve Manufacturers' Association
- Copper Tube Fittings Manufacturers' Association
- Department of the Environment (PSA)
- Department of the Environment (Housing and Construction)
- Electricity Supply Industry in England and Wales
- Institute of Plumbing
- Institution of Civil Engineers
- Institution of Public Health Engineers
- Institution of Water Engineers and Scientists
- Lloyd's Register of Shipping
- Ministry of Agriculture, Fisheries and Food
- National Association of Plumbing, Heating and Mechanical Services Contractors
- National Water Council
- Oil Companies Materials Association
- Water Companies Association
- Water Research Centre

This British Standard, having been prepared under the direction of the Plastics Standards Committee, was published under the authority of the Executive Board on 31 March 1978

© BSI 03-1999

The following BSI references relate to the work on this standard:
Committee reference PLC/9
Draft for comment 77/50231 DC

ISBN 0 580 10117 7

Amendments issued since publication

Amd. No.	Date of issue	Comments

Contents

	Page
Cooperating organizations	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 Outside diameters of pipe	1
4 Pressure ratings	1
5 Stress ratings	2
6 Wall thickness of pressure pipe	2
Table 1 — Outside diameters of pipe	1
Table 2 — Pressure ratings and colour marking	1
Table 3 — Design circumferential working stresses	2
Table 4 — Calculated minimum wall thickness for pipe series	3
Publications referred to	Inside back cover