

Indian Standard

SPECIFICATION FOR INJECTION MOULDED PVC SOCKET FITTINGS WITH SOLVENT CEMENT JOINTS FOR WATER SUPPLIES

PART 8 SPECIFIC REQUIREMENTS FOR CAPS

(First Revision)

1. Scope — This standard (Part 8) lays down the requirements for manufacture, dimensions, tolerances and marking for caps made of injection moulded PVC for water supplies.

2. Requirements

2.1 General — The general requirements for material, manufacture, methods of test, sampling and inspection shall conform to IS : 7834 (Part 1)-1987 'Specification for injection moulded PVC socket fittings with solvent cement joints for water supplies : Part 1 General Requirements (*first revision*)'.

2.2 Manufacture

2.2.1 A typical illustration of caps is shown in Fig. 1.

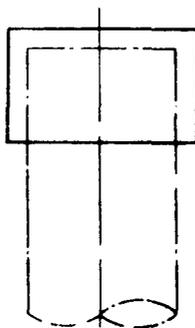


FIG. 1 CAP

2.2.2 The diameter of the socket of cap shall be as follows:

16, 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280 or 315 mm.

3. Marking

3.1 Each cap fitting shall be marked with the following information:

- a) manufacturer's name or identification mark, and
- b) size of the fitting and the appropriate class (working pressure) to which the pressure rating of the fitting corresponds.

3.2 Standard Mark — Details available with the Bureau of Indian Standards.

EXPLANATORY NOTE

The requirements of injection moulded PVC socket fittings are covered in eight parts. The other parts are as follows:

Part 1 General requirements

Part 2 Specific requirements for 45° elbows

Part 3 Specific requirements for 90° elbows

Part 4 Specific requirements for 90° tees

Part 5 Specific requirements for 45° tees

Part 6 Specific requirements for socket

Part 7 Specific requirements for unions

This standard was first published in 1975 and covered sizes of fittings up to 160 mm. The present revision has been taken up to cover additional sizes of fittings up to 315 mm.