



Indian Standard IS 9763:2000 - Your Guide to Plastics Bib Taps, Pillar Taps, Angle Valves And Stop Valves For Hot And Cold Water Services

Bib taps is a tap with a horizontal inlet and a nozzle arranged to discharge in a downward direction whereas Pillar Tap is a tap, suitable for mounting on a horizontal surface, having a vertical inlet and a nozzle arranged to discharge in a downward direction. Stop-Valve is a valve, other than a servicing valve, fitted in a pipeline for controlling the flow of water. Contrast with stop cock.

Plastic taps and stop valves are available in 15 mm and 20 mm sizes. The size here indicates the nominal bore of the socket or pipe outlet to which the tap or valve is fitted.

Indian Standard IS 9763, developed by the Bureau of Indian Standards (BIS), outlines the safety and performance requirements for Plastics Bib Taps, Pillar Taps, Angle Valves And Stop Valves For Hot And Cold Water Services.

The standard specifies the material of different components of the devices such as body, spindles, bonnet, handle, seal of tap/valve etc. There are tolerances specified for all major dimensions such as diameter, threads etc. These devices shall have smooth and clean internal and external surfaces for proper assembly.

The Indian Standard IS 9763 specifies requirement of minimum thickness in any portion of the body and bonnet and it should be minimum 2.5 mm for all sizes to ensure the good quality. These devices are also tested for resistance to residual chlorine in water.

These devices are tested under an internal hydraulic pressure of minimum .1 MPa for a period of at least 15 minutes to ensure that the devices does not leak, also these devices are tested under an internal hydraulic pressure of minimum 1.6 MPa for a period of at least 60 seconds. These devices are also tested for thermal shock resistance and mechanical strength characteristics.

Each device is marked with manufacture's name or trade mark, nominal size and a direction arrow pointing in the direction of flow.

In summary, IS 9763 is your assurance that the Plastics Bib Taps, Pillar Taps, Angle Valves And Stop Valves For Hot And Cold Water Services you buy are durable, and of high quality. Next time you purchase Plastics Bib Taps, Pillar Taps, Angle Valves And Stop Valves For Hot And Cold Water Services look for the BIS mark to ensure they meet these standards, giving you peace of mind for the best quality and durability.