

**IS 14735:1999-UPVC**  
**INJECTION MOULDED FITTINGS FOR SOIL AND**  
**WASTE DISCHARGE SYSTEM FOR INSIDE AND**  
**OUTSIDE BUILDINGS INCLUDING VENTILATION**  
**AND RAIN WATER SYSTEM**

This Indian Standard covers the requirements for UPVC Fittings for soil and waster discharge system for inside and outside building including ventilation and rain water system.

The ISS specifies that UPVC fittings shall be of Tee (87.5°), Wye (45°), Bend with or without inspection doors (87.5°, 45° and 22°), Reducer, Coupler, Socket Plug, Cleansing Pipe, Adaptor (for connecting UPVC Pipes to other materials) , Vent Cowl, Pipe Clip and Waster Trap with Strainer. The size of the fittings shall be designated by the diameter of their sockets and the colour of the fittings shall be dark shade of grey. The materials from which the fittings are produced shall consists essentially of PVC to which some additives may be added to facilitate manufacturing of sound product.

The Indian Standard IS 14735:1999 specifies that UPVC fittings may be of size 40mm to 160mm, end joint may be plain, socketed for solvent cementing and socketed and spigot ended. The quality parameters to check the quality of UPVC pipe fittings are dimension test, visual appearance test, stress relief test, Vicat Softening Temperature test, resistance to sulphuric acid test, Titanium Dioxide content test, Sulphated ash content test, impact test and water tightness of joint test.