



Indian standard IS 2781:2012 – Branch Pipe, Universal for Fire fighting Purpose

A **Branch Pipe, Universal for Fire fighting Purpose** is a crucial component of fire fighting equipment designed to control and direct the flow of water or fire fighting foam from a hose toward the fire. It typically attaches to the end of a hose and is fitted with a nozzle to create a targeted stream, giving fire fighters the ability to aim and manage water pressure effectively during fire suppression efforts.

The quality of a Branch Pipe, Universal for Fire fighting Purpose is of paramount importance for several reasons, as it directly impacts the **effectiveness, safety, and reliability** of fire fighting operations.

Considering this, Indian Standard IS 2781:2012 has been formulated by Bureau of Indian Standards. The Standard outlines specifications for a universal branch pipe designed for fire fighting operations, ensuring **compatibility and efficiency across fire fighting equipment in India**. This standard specifies requirements for branch pipes used in the discharge of water or fire fighting foam, allowing for effective control and direction of the water stream during fire fighting.

The Standard specifies material and design requirements of the Branch Pipe. It also specifies Constructional and dimensional requirements to ensure universally compatible with hoses and other fire fighting equipment used in India, ensuring adaptability across various setups. **Performance Requirements** are also specified in the standard to ensure working of Branch Pipe withstanding high operational pressures without leakage or failure.

In summary, Indian Standard IS 2781:2012 ensures that fire fighting branch pipes meet high standards of reliability and compatibility. For consumers, adherence to this standard guarantees product safety, durability, and effectiveness during emergencies, allowing fire fighting personnel to perform their duties confidently.