

Definition 1 A **blind flange** is a plate for covering or closing the end of a pipe, with a diameter larger than the pipe's.

Definition 2 A **gasket** is a mechanical seal which fills the space between two or more mating surfaces, generally to prevent leakage from or into the joined objects while under compression.

Definition 3 A **flange gasket** is a type of gasket made to fit between two sections of pipe that are flared to provide higher surface area, or between a pipe section and a blind flange.

Definition 4 A **flange-bolt-gasket** system is an assembly that covers or closes the flared end of a pipe, consisting of a blind flange, a gasket that seals the space between the flange and the pipe, and a number of bolts that hold together the flange, gasket and pipe end.