

CH 222 Guide to Intermolecular Forces

There are six types of Intermolecular Forces (in *roughly* the order of strongest to weakest) are:

The **Ion-Ion** Force (which is the same for us as the *metallic* force), the **Ion-Dipole** Force, **Hydrogen Bonding** Force, the **Dipole - Dipole** Force, **Dipole - Induced Dipole** Force (or Dipole - ID), and the **Induced Dipole - Induced Dipole** Force (or ID - ID, also known as the *London Dispersion* force).

The flowchart below can help you decide which intermolecular force acts upon a particular substance.

