

Contribution of the dispersion to the total intermolecular interaction energy	
Molecule pair	% of the total energy of interaction
Ne-Ne	100
CH <sub>4</sub> -CH <sub>4</sub>	100
HCl-HCl	86
HBr-HBr	96
HI-HI	99
CH <sub>3</sub> Cl-CH <sub>3</sub> Cl	68
NH <sub>3</sub> -NH <sub>3</sub>	57
H <sub>2</sub> O-H <sub>2</sub> O	24
HCl-HI	96
H <sub>2</sub> O-CH <sub>4</sub>	87