

Polarity Data for Diatomic Species

Substance	Cl ₂	HCl	HF	LiF
$\Delta\chi$	0	1.0	1.8	3.0
Bond Length (Å)	1.99	1.27	0.92	1.56
Dipole Moment (D)	0	1.1	1.8	6.3
Category	Non-Polar Covalent	Polar Covalent		Ionic