

Data Table: Structure and Polarity of Covalent Molecules

Formula	Lewis Structure	Structural Diagram	Domain Geometry	Molecule Shape	Bond Polarity	Molecule Polarity
H <sub>2</sub>	H – H	H – H	linear	linear	nonpolar	nonpolar
O <sub>3</sub>						
PCl <sub>3</sub>						
SF <sub>4</sub>						
CCl <sub>4</sub>						
NO <sub>2</sub> <sup>-1</sup>						
NH <sub>2</sub> OH						
SF <sub>6</sub>						
XeF <sub>2</sub>						
H <sub>2</sub> CO						

$\text{BrO}_3^{-1}$						
$\text{PCl}_5$						
$\text{CH}_3\text{COOH}$						
$\text{HCN}$						
$\text{IF}_5$						
$\text{SO}_4^{-2}$						
$\text{BrF}_3$						
$\text{SeF}_4$						
$\text{C}_3\text{H}_4$						
$\text{CO}_3^{-2}$						

