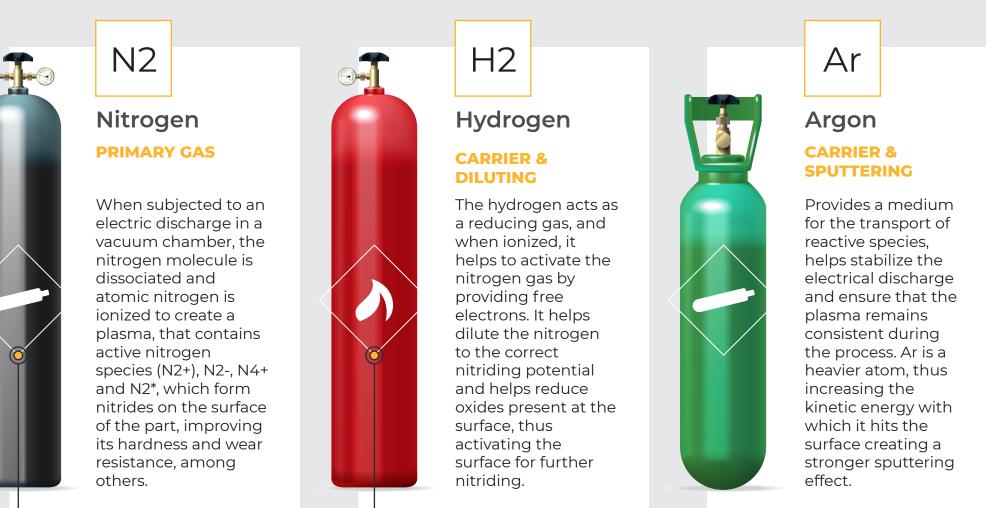
What are the gasses used for plasma nitriding?

Choice of gasses, and their specific proportion, is one key factor for controlling the nitriding process, tailor the nitrided layer's properties, and achieve the desired results for different materials and applications.



PROCESS GASES

Non-corrosive gases, extend equipment life, reduce maintenance costs and ensure an efficient and clean process.





CH,

Methane PROCESS GAS

It is a carbon donor gas for plasma FNC or ferritic nitrocarburizing. The atoms of Carbon and Nitrogen form hard compounds in the surface layer of the material, making steel harder and more wear-resistant. Methane is used in low quantities, therefore a single bottle will probably last for a couple years.

