

Compressed Air (Zero Air for Synthetic Air)

Automation Grade	A
Color	clera
Packaging Size	0.7,1.5,7 cu m
Usage/Application	all types
Material	compressed
Cylinder Material	aluminium
Form	liquid

Our company is highly esteemed firm known for offering Compressed Air to the clients. This product is verified on diverse quality measures by our skilled quality controllers in order to deliver the finest quality products at clients' end. Compressed Air is provided in various specifications according to clients requirements.

Features:

- Odorless, and non-toxic
- Does not burn but supports combustion
- Colourless

Other information:

- Compressed air is a gas, or a combination of gases, that has been put under greater pressure than the air in the general environment. Current applications using compressed air are numerous and diverse, including jackhammers, tire pumps, air rifles, and aerosol cheese. According to proponents, compressed air also has a great deal of potential as a clean, inexpensive, and infinitely renewable energy source. Use is currently being explored as an alternative to fossil fuels.

- In 1991, the first compressed air energy storage (CAES) plant in the United States opened in McIntosh, Alabama. The world's largest CAES plant, planned for Norton, Ohio, is expected to store sufficient energy to provide electric power for 675,000 homes for two days. Another product that uses compressed air is the so-called "air car" currently in development by several manufacturers, and expected to be on the market within the next few years. According to "How Stuff Works," one such car, the e.Volution, will run 120 miles without refueling, at a cost of about 30 cents.
- Compressed air in spray cans (sometimes called canned air) is often used to clean things that are especially delicate or sensitive, such as keyboards or the inside of computer cases.

Benefits:

- When it is combined with a fuel gas, produces a flame with a lower temperature than an oxy-fuel flame
- The air-fuel flame is suitable for brazing and soldering applications with lower-temperature alloys
- Used in preference to oxygen because it gives a greater level of adjustment, allowing the thickness of the carbon coat to be varied

Applications and uses:

- Brazing and hard soldering
- Can be used in alternative applications such as plasma-cutting
- Used in metallurgical processes such as die-casting and blast furnaces
- Compressed air cylinders are an alternative to a compressor
- Used to drive pneumatic drills
- Can be used in the carbon-coating processes. An air-acetylene flame is used to produce carbon which can be deposited onto the surface of a component to act as a release agent. Carbon-coating is used for aluminium extrusion and glass manufacture as a mould-release agent.