

NITROGEN GASES

Nitrogen is colorless, odorless, and tasteless gas. It is non flammable and will not support combustion. Atmospheric air contains 78.09% nitrogen, the gas is slightly lighter than air and slightly soluble in water. Nitrogen condenses at its boiling point , -195°c to a colorless and odorless liquid that is lighter than water. When liquid nitrogen is vaporized and than heated to ambient temperature , it absorb a large quantity of heat. Nitrogen is separated from air, by distillation, absorption of diffusion.

APPLICATION OF NITROGEN GASES:

- RAW MATERIAL
- INERT GAS
- SHRINK FITTING
- DE - FLASHING
- INERT GAS SAFETY SYSTEM
- CRYOGENIC GRINDING
- PROTECTION AGAINST FIRE & EXPLOSION
- HUMAN & VETERINARY MEDICINE
- METALLURGICAL INDUSTRY
- GROUND FREEZING