Aerosols & Sprays

Aerosols offer a convenient and neat package of the 'product' and 'means of application' in a simple to use and efficient package.

Dry film lubricant coatings formulated into aerosols are essentially like a 'lubricating paint' and are applied in a similar way to the surfaces requiring a change in its frictional properties and lubricity.

Solid lubricants such as PTFE, Graphite, Molybdenum di-sulphide (Moly), boron nitride (ceramic) and many other materials are used depending on the application requirements, frictional properties, loads and speeds of operation.

An aerosol is a colloid suspension of fine solid particles or liquid droplets in a gas. Aerosol spray is a type of dispensing system which creates an aerosol mist of liquid particles. This is used with a can or bottle that contains a liquid under pressure.

When the container's valve is opened, the liquid is forced out of a small hole and emerges as an aerosol or mist. As gas expands to drive out the payload, only some propellant evaporates inside the can to maintain an even pressure.

Outside the can, the droplets of propellant evaporate leaving the payload suspended as very fine particles. Typical liquids dispensed in this way are deodorants and paints. All aerosols, flammable or not, are classed as 'dangerous goods' and therefore have a unique UN number. The number for aerosols is UN 1950. Most are transported as 'limited quantities' for transport purposes—speak to us about the best way to transport your aerosols.

Our aerosol & spray range includes:
- Penetrant spray
- Moly spray
- Graphite spray
- Boron Nitride spray
- PTFE spray
- Fluorinated (PFPE) aerosols
- Gear Sprays
- Food approved spray

Our extensive aerosol range includes:
- **Fluor 32 C Spray**—a PFPE fluid in aerosol form with universal compatibility.
- **Fluor MPA 2H** spray with PFPE, PTFE and anti-corrosion additives for use on bearings.
- **Fluor 141 Spray**—a universally inert material for chains, bearings and universal joints at high temperature.
- **Filmsec 1024 Spray**—a boron nitride spray for use on welding nozzles and other very high temperature applications.
- **Filmsec 1084 Spray**—a graphite dry film for slow moving parts at high temperatures.
- **Molyspray**—dry film lubricant containing Molybdenum Di-sulphide (MoS2) for temperatures up to 450°C.
- **Filmsec 1010**—a dispersion of PTFE in isopropyl alcohol for release of rubber & plastic parts.

Please contact us for guidance on the best aerosol spray for your application.