



## Aerosols & Sprays

### IKV 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 (MOS2) spray, graphite spray, Boron Nitride spray, PTFE spray, fluorinated (PFPE) aerosols, gear Sprays and NSF 3H Spray for direct food contact applications.





## Aerosols & Sprays

Our extensive aerosol range includes:

**IKV FLUOR 32 C SPRAY** - PFPE fluid in aerosol form with universal compatibility.

**IKV FLUOR MPA 2H SPRAY** - with PFPE, PTFE and anti-corrosion additives for use on bearings.

**IKV FLUOR 141 SPRAY** - a universally inert material for chains, bearings and universal joints at high temperature.

**IKV FILMSEC 1024 SPRAY** - a boron nitride spray for use on welding nozzles and other very high temperature applications.

**IKV FILMSEC 1084 SPRAY** - a graphite dry film for slow moving parts at high temperatures.

**IKV MOLYSPRAY** - dry film lubricant containing Molybdenum Di-sulphide (MoS<sub>2</sub>) for temperatures up to 450°C.

**IKV FILMSEC 1010** - a dispersion of PTFE in isopropyl alcohol for release of rubber & plastic parts.

Our **BESLUX** aerosol range includes:

**BESLUX AFLOJATODO** - an advanced formula offering a fast & efficient method of releasing screws, bolts, nuts, pins, pipe joints, machine parts and any other seized or corroded mechanism.



**BESLUX ENGRANAJES**—a spray for use on open gears including toothed crowns and pinions. FPE fluid in aerosol form with universal compatibility.

**BESLUX CABLES** - a high performance lubricant for use on any type of cable. It penetrates in to the wires and offers protection against the most severe conditions.

**BESLUX SOLDADURA** - designed specifically for the protection of welding nozzles from weld spatter.

**BESLUX CADENAS** - a high temperature resistant base oil with moly (MOS<sub>2</sub>) for the lubrication of pins and bushes on roller chains.