



## What is X-Sealant GEL

**X-Sealant Anti-Corrosion Gel** is a specially formulated high molecular weight connector gel used as a dielectric compound and as a corrosion inhibitor. It is a superior oxidation barrier. X-Sealant GEL is used in the patent pending Xmultiple X-Sealant GEL RJ male plug connector. The X-Sealant GEL is a multi-purpose synthetic lubricant, containing anti corrosion particles held in suspension. X-Sealant lasts longer and outperforms most competitive GELs made to prevent corrosion of contact pins and metal used in electronic connectors.

It comes in GEL form, an oil with special anti corrosion chemicals, and a light-weight oil. X-Sealant is integrated into Xmultiple's male RJ plug connectors.

### How does the chemistry of X-Sealant protect electronic connectors?



X-Sealant is an exceptionally pure GEL because it is synthetic. This gives X-Sealant very stable and predictable chemical properties.

Many competitive anti corrosive GELs are made from refined crude oil and contain impurities which cannot be removed. These impurities interfere with film strength and wear protection. They also form deposits at high temperatures and solidify at low temperatures. Petroleum-based greases are formulated by adding lithium, calcium, or sodium thickeners to petroleum-based oil.

**X-Sealant Anti-Corrosion Gel** remains pliable, will not harden or crack and resists change due to mechanical working. Quality control measures insure maximum storage life and no oil separation of the compound. It is clear in appearance, and environmentally friendly.

### What is special about X-Sealant GEL?

X-Sealant GEL contains a chemical which is the lowest coefficient of friction available in the marketplace. The chemical particles in X-Sealant GEL fill surface irregularities of mating parts and are compacted like snowflakes in a snowball to form a smooth, lubricated surface.

X-Sealant GEL provides improved anti-wear properties, is waterproof, not washed away by acids or alkalis, and resists temperatures to 750°F.

**X-Sealant Gel** has excellent film strength and long life protection against corrosion and rust.

**Benefits:**

- Maximum temperature range from -45 F to +500 F
- Excellent resistance to saltwater and most detergents
- Will not dry out or form harmful abrasive deposits
- No oil separation
- Good film strength
- High dielectric capability
- Superior corrosion protection

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