

Under Head Sealants

What Are Under Head Sealants?

A fastener is only as reliable as the seal it creates. To provide an effective seal, manufacturers have relied on **traditional sealing solutions like O-rings, washers, and liquid sealants**. However, solutions like these can be **easily compromised** by nicks and cuts, introducing additional steps, labor, and opportunity for inconsistencies.

Under head sealants, on the other hand, are **pre-applied coatings beneath a fastener head** that create a much stronger seal. They are exceptionally durable, have a simplified assembly process, and improved consistency.



What Are The Benefits?



Reliable Performance

- Extremely strong seal **preventing gas and fluid leaks**
- Permanently bonded resulting in **long-term reliability**
- **Durable and resistant** to nicks, cuts, and abrasions



Simplified Assembly

- Eliminates managing multiple components
- Pre-applied fasteners **reduce assembly time and labor costs**
- Minimizes inventory by **reducing the number of SKUs**



Consistent Application

- Factory-applied solutions ensure **uniform application**
- **Eliminates variability** associated with fasteners
- Meets sealing **requirements and certifications**

NySeal 2.0 vs Traditional Sealants



Durability

High-strength polymer with **strong adhesion**

Integrity

Stays in place with no peeling or distortion

Reusability

The only **reusable** under head sealant

Resistance

Unaffected by chemicals, fluids and gasses

Assembly

Pre-applied and ready for installation



Traditional

Susceptible to **nicks, cuts, and abrasions**

Seal **quality varies** and diminishes over time

Typically **require replacement** between uses

Substance exposure can **degrade sealing**

Separate parts and **manual set up** needed

Where Does Nylok Come In?

Nylok offers several pre-applied under head sealant solutions, most notably **NySeal 2.0, the only reusable under head sealant on the market**. These solutions simplify assembly while providing reliable sealing performance across several industries. To find the best under head sealant for your needs, reach us at sales@nylok.com.



NySeal® 2.0