



Pre-Applied Underhead Sealants

Advantages

PRELOK

PRELOK is the European market leader for pre-applied locking and sealing solutions for threaded components. We are constantly working closely with our material suppliers to develop new products and processes, which offer innovative jointing solutions to meet the ever changing demands from our customer base.

Underhead Sealants by Prelok

The range of underhead sealant systems from PRELOK are permanently adhered to the component eliminating the need for secondary sealing devices.

Our sealants can be applied to an extensive range of fastener types such as rivet nuts, break-stem rivets, headed plugs, and a wide range of threaded components.

We can apply our coating to ferrous or non ferrous materials (steel, aluminium, stainless steel or brass) and they will adhere to most popular plated finishes as well as polymer and organic coatings.

PRELOK Engineers are available to assist in recommending the correct sealant solution for your application.



Pre-Applied Underhead Sealants

Product Guide

Product	Colour	Operating Temp (°C)	Chemical resistance
Nyseal	Green	max 66°C	Good
Precote 200	Blue	max 190°C (for short time period)	Good
Nyplas	Black	max 150°C	



Precote 200 Pre-applied Underhead Sealant



Nyseal Pre-applied Underhead Sealant



Nyplas Pre-applied Underhead Sealant

Advantages

Precote 200 Advantages

Resilient flexible coating seals upon assembly

Ideal sealing system for rivets, inserts, headed plugs

Can be applied to most materials in both electro and organic finishes

High temperature

Excellent chemical resistance

Nyseal Advantages

Resistant to chemicals like alcohol, petroleum, oil, kerosene, diesel fuel, and hydraulic fluids

Highly durable

Re-usable

Nyplas Advantages

Provides a seal against water, moisture, dust, air and noise dampening

Excellent shelf life; will not shrink or dry out with age

Eliminates need for o-rings, gasket seals, and sealant compounds

Recommendations

Hole Preparation

In all cases the male thread of the mating components should have the lead thread de-burred or countersunk to avoid damage to the patch material.

Thread Preparation

To obtain optimum patch performance both male and female threads should be in accordance with class 6g/h (metric) or class 2 a/b (unified).

Finishes

Tuflok can be applied to most popular plated finishes, as well as polymer and organic coatings.

Customer free issue components

Parts manufactured from non-ferrous material should be supplied free from any surface contaminants. Variations in material structure can effect heating capability of the part during processing, which may result in torque variation. High installation speeds can create galling of the threads affecting product performance.

Pre-production samples are evaluated and then processed free of charge