

Nystay® – the precoating intended to keep fasteners „in their place“ during transportation and assembly ...

Nystay® is a plastic precoating which is applied directly to the shank of fasteners in order to secure them during transportation or assembly in their relevant application/assembly group.

Field of application

Nystay® can be used for all fasteners – whether threaded or not. It facilitates preassembly, especially in case of automatic feeders and robot applications. The range of applications is, of course, not restricted to screws, but encompasses all fasteners such as shafts, rivets, studs, pressed and turned parts etc.

Product features

- Holds fasteners in place during transport, assembly or installation
- Non-toxic and environmentally friendly – plastic coating on polyolefin basis
- No chemical hardening
- May be positioned at any optional location on the shank of a fastener
- Shortens assembly times for end user

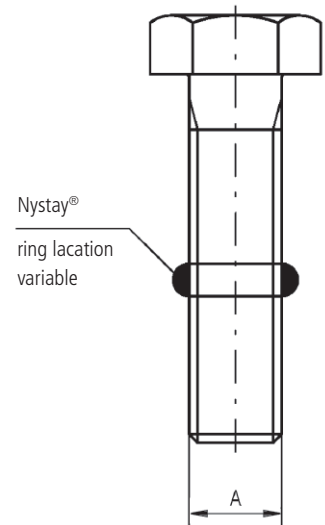
User benefits

Screws coated with Nystay® in the thread area can be pre-inserted into the component. The coating fixes the screw reliably in the borehole. The end user will therefore receive a subassembly already preassembled with screws, eliminating the need for tedious selection and insertion of appropriate screws. At the same time, fastener stocks can so be reduced and simplified. Operating and cycle times during final assembly can be drastically shortened when using pre-assembled components.



Application

Nystay® is welded directly onto the fastener shank. This creates a flexible, annular layer providing reliable protection against loss for pre-assembled components during transportation or storage.



Dimensions in mm

Article number	Suitable for screws/bolts from		Borehole diameter (guideline values)
	A	A	
903 400 030.000	M 3	Ø 3	3,2
903 400 040.000	M 4	Ø 4	4,3
903 400 050.000	M 5	Ø 5	5,4
903 400 060.000	M 6	Ø 6	6,5
903 400 080.000	M 8	Ø 8	8,7
903 400 100.000	M 10	Ø 10	10,9

Example for finding the article number

Nystay® coating according to Works 903 4 on M10 screw: 903 400 100. 000

Product profile

Material: Base material Polyolefin
Temperature range: max. +66°
Colour: green

Other dimensions and shapes, e.g. flange nuts, headless screws and other fasteners, on request.

Pressure points, blank parts and/or imperfect applications of the ring coating do not have any effect on the functionality and cannot be avoided.

Characteristics

Nystay® is a mere fixation coating / protection against loss and cannot be examined by means of a functional metric (diameter). Practical tests need to be performed in advance.
Optimum application conditions are in the storage temperature range.
The product characteristics can change with temperature deviations.

Storage stability

The applied Nystay® coating is hygroscopic and should be stored under airtight and dry conditions at temperatures no higher than 27°C to ensure maximum shelf life.

Animation

