

Nyplas® – the coating which seals

Nyplas® is an innovative concept which allows Plastisol/PVC sealing material to be applied to screws and other thread elements directly underneath the head, flange or at the thread runout, using the precoating method.

The use of washers, sealing rings etc. to be applied manually is no longer required.

Field of application

Nyplas® is a black PVC/Plastisol coating which is applied directly to the underneath of the screw head. This ensures an excellent seal against liquids and gases. At the same time, this coating acts as a buffer for sensitive surfaces of the workpieces to be screw-fastened. Compared to our Nyseal® coatings, much higher layer thicknesses are achieved using Nyplas®. On principle, a practical test is recommended before use in production, in order to determine the required layer thicknesses.

Product features:

- Sealing/Soundproofing immediately after screw-fastening
- No need for O-rings, washers etc.
- Reusable
- Very good sealing properties
- Long life.
No shrinkage or drying out.
- Temperature application range:
-40°C to +150°C.





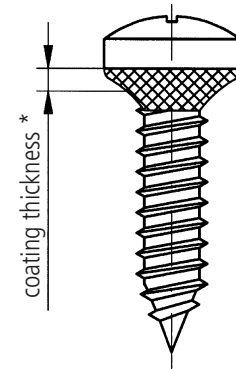
Nyplas®
Sealing coating

Works Standard
903 3

Application

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* Generally before starting of production would be recommended a practical attempt.

Article number	suitable for screws
903 300 030.000	M 3
903 300 040.000	M 4
903 300 050.000	M 5
903 300 060.000	M 6
903 300 080.000	M 8
903 300 100.000	M 10

Example for finding the article number

Nyplas®-coating according to WS 903 3 on an M10 screw:
903 300 100.000

Product profile

Material: Plastisol/PVC
Temperature range: -40° to +150°C
Colour: black

Surface quality

The coating can be applied to all metal materials.
Threads should be free of oil and grease.
For bright phosphated parts, suitable corrosion preventives are permitted.

Storage stability

At least 3 years.
Nyplas® does not demonstrate any shrinkage or drying out over the storage period.

Scope of application

On principle, a practical test is recommended before series application in order to check the function, compatibility and reusability of the coating in the application.
In combination with plastic surfaces (mating surfaces), in particular ABS, acrylic or polycarbonate, the Nyplas coating should not be used. Nyplas is made of plastisol and can impair the material characteristics of plastics in unfavourable circumstances.

Possible reusability is also highly dependent on the mating surface and tightening parameters (friction should always be as low as possible in the system) and must be tested in advance without fail using samples.

Animation

