

# Declaration of Conformity

## Hygienic index plungers

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<b>Document ID</b>	DoC 07 - Hygienic index plunger
<b>Publishing date</b>	2024-04-25
<b>Manufacturer</b>	NGI A/S
<b>Address</b>	Virkelyst 5, DK-9400 Nørresundby, Denmark
<b>Product type</b>	Index plunger
<b>Product series</b>	IPXH and IPHX series

NGI declares that the listed product series are in compliance with the Guidelines, European Directives and standards mentioned in the Annex A as of the date this writing.

We attentively follow the revisions and amendments to these guidelines and directives and may revise our products accordingly. This declaration is subject to revision. All users are encouraged to use and apply the most recent editions of this document.

This declaration of conformity is issued under the sole responsibility of the manufacturer. It confirms compliance with indicated standards or norms but implies no warranty of properties.

On behalf of NGI

Lasse Qvistgaard Nielsen  
R&D Engineer

# Materials and condition of use

Please read and follow these instruction to ensure correct usage and cleaning.

<b>Materials</b>	Steel body	Stainless steel 1.4404 with 3.1 certificate	
	Sealing	Black, Blue or white NBR, HNBR, EPDM or VMQ (silicone)	
		All sealings are in compliance with CFR title 21, 177.2600	
<b>Surfaces</b>	Knob body:	Surface roughness <0.8µm	
<b>Temperature ranges</b>	NBR:	-30°C to +120°C	-22°F to +248°F
	HNBR:	-30°C to +150°C	-22°F to +302°F
	VMQ:	-60°C to +200°C	-76°F to +392°F
	EPDM:	-50°C to +150°C	-58°F to +302°F
<b>Cleaning</b>	Detergent:	Clean with detergent suitable for supplied rubber material and steel grade	
	Temperature:	Do not exceed the temperature of the sealing	

# Annex A

The listed product series are conformal to the following guidelines, norms and standards.

**1907/2006/EC**  
incl.  
SVHC list 240  
January 2024

**Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)**

Under the REACH legislation, Article 33, NGL is obliged to communicate information on SVHC in articles.

We have surveyed our sub-suppliers regarding REACH and their obligation to register substances and can thus state that none of our products covered by this Declaration of Conformity contain SVHC substances above 0,10% by weight.

**2011/65/EU**  
Incl.  
amendment  
2015/836

**Restriction of Hazardous Substances (RoHS 1, 2 and 3)**

The listed product series are free from all of the following substances covered by RoHS

- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ethers (PBDE)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

**Phthalates**

**Phthalate free**

The listed product series contains no phthalates or terephthalate plasticizers

**Dodd-Frank Act**

**Title XV, Sec. 1502. - Conflict materials**

To the best of our knowledge, the listed materials are not in any way used for manufacturing any of our products, nor does our products contain any of the listed materials.

- Gold
- Wolframite
- Cassiterite
- Coltan

**DS/EN 1672-2**

**Food processing machinery – Basic concepts – Part 2: Hygiene and cleanability requirements**

The products series contained in this Declaration follows the highest design requirements and thus then amend to material of construction 5.2.2 food area and 5.3.2 food area design.