

Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER** Bản quyền nội dung thuộc về **Toyox Co., Ltd.**  
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# Certificate on Material

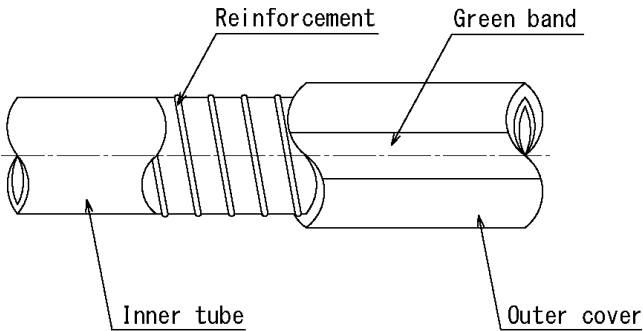
Date : June 1, 2021

## 【 Producer information 】

Company name : TOYOX CO., LTD.  
Address : 4371 Maezawa Kurobe-city,  
Toyama-pref. Japan 938-8585  
Responsible department : R&D HQ.  
Contact : Tel : 0765-52-3131  
: Fax: 0765-52-4245

## 【 Product name 】 TOYOSILICONE-P HOSE

We herewith certify that the above described product is absolutely made of following materials.

1	Hose Structure	
	 <p>The diagram illustrates the cross-section of a hose. It consists of an inner tube, a reinforcement layer (depicted as a helical spiral), a green band (a thin layer on the outer surface of the reinforcement), and an outer cover. Labels with leader lines point to each of these components: 'Inner tube', 'Reinforcement', 'Green band', and 'Outer cover'.</p>	
2	Hose Material	Material
	Inner Material	Silicone rubber
	Reinforcement	Polyethylene terephthalate
	Outer Material	Silicone rubber

This product conforms to the standards of the Ministry of Health,  
Labor and Welfare of Japan Notification No.380, 2020.  
(Old the standards of the Ministry of Health, Labor and Welfare of Japan  
Notification No.595, 2012.)

Phthalate plasticizer are not used.

Date 2022/4/14

Toyox Co., Ltd.



## FDA DMF Registration Certificate

This product certifies that it is registered with the FDA (US Food and Drug Administration) DMF.

### Content

Applicable product : TOYOSILICONE-P HOSE

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Registration number : **25486**

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URL : <https://www.fda.gov/media/118240/download>

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Registration name : SILICONE HOSE SERIES

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Part Number	Size ID × OD (mm)	Working Pressure (MPa)	Working Temperature Range
TSIP-12	12.7 × 19.5	-0.05~0.2	-30~100°C
TSIP-15	15.9 × 24.0	-0.05~0.2	-30~100°C
TSIP-19	19.5 × 28.5	-0.05~0.2	-30~100°C
TSIP-25	25.4 × 35.5	-0.05~0.2	-30~100°C

Date: May 1 ,2025

Toyox Co., Ltd.

Certificate of Non-Use of RoHS Directive Target Substances

This is to certify that the following products manufactured by TOYOX do not contain the RoHS Directive target substances as required in (EU) 2015/863, or do not, as of the issuance of this certificate, contain levels exceeding the threshold values of said substances.

[RoHS Directive Target Substances]

No.	Substance name	Threshold value
1	Cadmium and cadmium compounds	100 ppm or below
2	Lead and lead compounds	1000 ppm or below
3	Mercury and mercury compounds	1000 ppm or below
4	Hexavalent chromium compounds	1000 ppm or below
5	Polybrominated biphenyls (PBBs)	1000 ppm or below
6	Polybrominated diphenyl ethers (PBDEs)	1000 ppm or below
7	Bis(2-ethylhexyl) phthalate (DEHP) (117-81-7)	1000 ppm or below
8	Butyl benzyl phthalate (BBP) (85-68-7)	1000 ppm or below
9	Dibutyl phthalate (DBP) (84-74-2)	1000 ppm or below
10	Diisobutyl phthalate (DIBP) (84-69-5)	1000 ppm or below

Applicable products: TOYOSILICONE-P HOSE

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The results above are based on the results of investigations within the scope normally possible for TOYOX at this time, such as “products where the substance is intentionally added or processed,” “products with disclosure of the level contained from the raw ingredient manufacturer, etc.” The products have not been analyzed. Product packages, etc., have also been excluded from the investigation.