Certificate No: LR21201739TA
Issue Date: 14/04/2021
Expiry Date: 13/04/2026

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer **SWAGELOK COMPANY**

Address 29500 Solon Road, Solon, OH, 44139, United States

Place of Production SWAGELOK COMPANY

29500 Solon Road, Solon, OH, 44139, United States

Type Hose

Description Swagelok T Series PTFE Hose, Stainless steel braided sizes ¼" to 1" with tube adaptors TA, TM, SL &SM.

Trade Name Swagelok T Series, PTFE Hose , Stainless steel braided.

Application Not fire-resistant type for Non-essential service such as potable water, scrubber chemical injection systems etc.

Specified Standard Lloyd's Register Rules and Regulations for Classification of Ships - 2020

Ratings Pressure rating at 70 Degree F (21 Degree C)

304 SS Braided TH and TC

¼"	3000 psig	3/8"	2500 psig
½"	2000 psig	¾"	1500 psig
1"	1000 psig		

Alloy 400 Braid (TL4)

¼"	1500 psig

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Gopal Nair

Americas Design Appraisal Manager to
Lloyd's Register Quality Assurance Inc
A member of the Lloyd's Register group

1330 Enclave Parkway, Houston, Texas, 77077,
United States

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Temperature Minus 65 oF to 450 oF

Additional Tests Burst test at four times Working pressure.

Other Conditions
1. Hoses are not fire-resistant type.
2. Hoses are approved for non- essential service only such as potable water or chemical injection system etc.
3. The hoses are not to be used in flammable systems and sea water/ ballast water systems where failure could result in flooding.
4. All crimping of end fittings to be done at Swagelok facility in accordance with approved procedures and no site crimping of end fittings is permitted.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Quality Assurance Inc of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21201739TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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