

TEST REPORT

AUDIT TEST (AT)

REPORT NO.:
150247-3



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Date: 9 December 2022
Init.: LIAS/ARP/MRI
Appendices: -

Approval holder: Luxor S.p.A.
Via Zanardelli 88
25013 Carpenedolo (BS), Italy

Contact person: Franco Spinelli
Email: franco.spinelli@luxor.it

Control period: 2022

Product: Luxor TPSIV flexible hose-set, dim. DN6, DN8
Material: TPSiV

Approvals:
 1.14/20799
 SC2192-12
 1892

Certification bodies: ETA-Danmark A/S, RISE Certifiering, Sintef

Control agreement: No. 75 of 29 September 2015

Manufacturing and sampling site: Luxor S.p.A.
Via Madonnina 94
25018 Montichiari (BS), Italy

Samples: The samples were selected by DTI according to DTI's sampling procedure No. 9375.
The samples were selected by DTI and received by DTI on 20 April 2022.

Test period: 18 August - 29 November 2022

Test site: Danish Technological Institute, VA Testing and Inspection (DTI)
Kongsvang Allé 29, DK-8000 Aarhus C, Denmark

Test method: EN 13618:2016 - Flexible hose assemblies in drinking water installations
Certification rule 074:2018 - Production control for drinking water products

Result: The requirements of the test methods mentioned above were met.
Reduced test programme compared to the test methods.

Terms: Accredited testing was carried out in compliance with international requirements (EN ISO/IEC 17025:2017) and in compliance with Danish Technological Institute's General Terms and Conditions regarding Commissioned Work Accepted by Danish Technological Institute.
The test results apply to the tested products only. This test report may be reproduced in extract only if the Laboratory has approved the extract in writing.

Signature: Liselotte A. Sørensen
Consultant



Allan R. Pedersen
Product Manager



Test Reg. No. 300

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Test methods and requirements in accordance with: EN 13618:2016	Test site	Table No.	Requirements met		Accredited		Sub- contractor Accredita- tion No.
			Yes	No	Yes	No	
Identification of the tested components and general information	DTI	Table 1					
4.2.2.1 Dimensions of fittings	DTI	Tables 2 - 3	X		X		
4.2.3.3 Leak tightness under internal hydrostatic pressure	DTI	Table 4	X		X		
4.2.3.5 Pressure cycling resistance	DTI	Table 5	X		X		
6 Marking	DTI	Table 6	X		X		
Material analysis (OES)	DTI	Table 7	X		X		

Table 1				
Identification of the tested components and general information				
Item Id.	Photo	Model	DN mm	Length mm
1		<p>F$\frac{1}{2}$" x 10x1</p> <p>M$\frac{3}{8}$ x F M10x1</p> <p>F$\frac{3}{8}$" x 10x1</p> <p>F$\frac{1}{2}$" x 10x1</p> <p>F$\frac{3}{8}$" x 10 mm (plain end)</p>	<p>DN6</p> <p>Braiding: Nylon</p>	300
2		<p>F$\frac{3}{8}$" x 10 mm (plain end)</p> <p>F$\frac{3}{8}$" x 10x1</p> <p>F$\frac{1}{2}$" x 10x1</p> <p>F$\frac{1}{2}$ x M$\frac{1}{2}$"</p> <p>M$\frac{3}{8}$ x 10 mm (plain end)</p>	<p>DN8</p> <p>Braiding: Stainless steel</p>	300





4.2.2.1 - Dimensions of fittings

Test equipment: 6916, 6918, 132698, 132697, 182032 291448 108860 108861

4.2.2.1 - Dimensions of fittings

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Table 6
6 - Marking
<p>Item id. 1</p> <p>Fitting: LUXMA-22 DN6 PN10 70°C MADE IN ITALY  </p> <p>Internal hose: MAFILPLAST -LCPW-TPSiV 5300-A8503-KTW A-60°C DN6-LUXOR-12/2021 LXR150621</p> <p>Label: INOX+TP DN6 SAMPLES "C"</p> <p>Original packaging: Not provided.</p> <p>Item id. 2</p> <p>Fitting: LUX22 DN8 PN10 70°C  </p> <p>Internal hose: MAFILPLAST-LCPW-TPSiV 5300-A8503-KTW A60°C -W270-DN8-LUXOR -10/2022 LXR011022</p> <p>Label: INOX TP DN8 SAMPLES "C"</p> <p>Original packaging: Not provided.</p> <p>Requirements:</p> <ul style="list-style-type: none"> — Name or trademark of the manufacturer or supplier — At least the last two digits of the production year <p>Internal hoses shall be marked with the name or trademark of the manufacturer or supplier and date of production.</p> <p>Assessment</p> <p>The requirements for marking are met.</p>

The reported uncertainties are given in the expanded uncertainty (95% confidence interval) determined according to JCGM 100:2008: Evaluation of measurement data – Guide to expression of uncertainty in measurements.