



Declaration of Performance

Number: 10/KAN-CPR/23E

System KAN-therm Inox pipes

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1. Unique identification code of the product-type :

System KAN-therm Inox stainless steel pipes 1.4401; 1.4301; 1.4404; 1.4521 [Ø12÷168.3mm].
Code, batch number, production date placed on the product label.

2. Intended use or uses:

In systems of:

- central heating
- hot and cold utility water and drinking water
- compressed air
- ice water, heat pumps
- other systems mentioned in the KAN technical literature according to the „Designer and contractor guidebook“ issued by KAN Sp. z o.o. as well as System KAN-therm catalogue and guidance given by KAN Technical Department.

3. Producer :

KAN Sp. z o.o.

Zdrojowa 51

PL-16-001 Białystok-Kleosin , Poland

www.kan-therm.com e-mail: kan@kan-therm.com

4. Authorized representative:

Not applicable

5. System(s) of assessment and verification of constancy of performance :

System 3 (for hot and cold utility water and drinking water) and System 4 (for other applications).

6. Harmonized standard :

PN-EN 10312:2006 - Welded stainless steel tubes for the conveyance of water and other aqueous liquids - Technical delivery conditions.

Notified body or bodies:

- DVGW CERT GmbH accreditation DAkKS – Notification nr D-ZE-16028-01-01. Certificate DVGW - No DW-7301BS0260
- IMA Materialforschung und Anwendungstechnik GmbH, DAkKS
Accreditation no. D-PL-13119-02-00
- PZH, PCA accreditation No AB 509

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7.Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Remarks
Mechanical properties	Upper yield strength and Mechanical resistance ReH [MPa] Rm[MPa] 1.4301 ≥190 500-700 1.4401 200 500-700 1.4404 ≥190 490-690 1.4521 ≥280 420-640	
	Maximum working pressure: a / up to 16 bar - for diameters Ø12-168.3 and joints pressed with standard tools b / up to 25 bar - for pipes from 1.4401, diameters Ø12-108 and connections pressed with HP tools	
Physical properties	Working temperatures from -35 °C to 135 °C	
Reaction to fire	Class A1	
Marking	Marking acc. to PN-EN10312:2006	
Geometric features	Dimensions - met	
	Straightness - met	
Tightness	Tightness - met	
Impact on drinking water	Approved for contact with drinking water Cert. PZH :B-BK-60210-1514/21	

The performance of the product identified above is consistent with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

On behalf of manufacturer signed by:

Quality Assurance Manager

Kleosin – 11.09.2023
(place – date of issue)

Janusz Żukowski
(signature)