

NATIONAL DECLARATION OF PERFORMANCE

NO. 03/2024/VERO/EN

1. Name and trade name of the construction product: Flexible VERO connection pipes with corrosion-resistant steel braid

2. Type designation of the construction product: GIGANT 12/19 DN12

3. Intended use or uses: Flexible VERO connection pipes with corrosion-resistant steel braid are intended for connecting fittings and other installation devices in cold and hot water installations and heating and air-conditioning installations (for the transfer of 35% glycol solution)

Operating parameters for GIGANT 12/19 DN12:

- maximum operating Pmax: 1.6 MPa (16 bar)
- maximum temperature Tmax: 100°C
- minimum temperature Tmin: -25°C

4. Name and address of the registered office manufacturer:

VERO Sp.J., ul. Myślenicka 133, 30-698 Kraków, Poland

5. Authorized representative of the manufacturer: not applicable

6. National system used for assessment and verification of constancy of performance: 3

7. National technical specification:

7a. Polish Product Standard: not applicable Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number: not applicable

7b. National technical assessment: ITB-KOT-2017/0206, edition 2 Technical assessment body/National technical assessment body: Building Research Institute Name of the accredited certification body, accreditation number and certificate number: not applicable

8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance	Notes
Flow rate, l/min	≥60	-
Tightness at internal hydrostatic pressure	No leaks, no cable slipping out of the clamping sleeves	-
Tensile strength, N	≥1100	-
Resistance to cyclic changes in internal pressure	No leaks and mechanical damage	-
Resistance to internal pressure surges	No leaks and mechanical damage	-
Resistance to cyclic temperature changes	No leaks and mechanical damage	-
Elasticity	Degree of ovalization ≤ 15%	-
Low temperature resistance	No leaks or mechanical damage	-
Corrosion resistance	No signs of corrosion	-

9. The performance properties of the product specified above are consistent with all declared performance properties listed in point 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

Krakow 07.01.2025

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On behalf of the authorized representative

Note: This declaration of performance was created based on Annex 2 to the Regulation of the Minister of Infrastructure of 17.11.2016.