

DECLARATION OF PERFORMANCE

12345076041- ZGP-23/0004-18

1. unique product identification:

Silverline – PP-R/MF (FIBRE) – pressure piping system for cold and hot water installations

2. Type of construction products:

Silverline PP-R; DN/OD 20 do 110 mm; PN 10, 16, 20, 25; S 5 / S 3,2 / S 2,5 / S 2

SDR: 6 / 7,4 / 9 .

3. Intended use:

Plastic piping system for pressure water distribution.

4. Name and address of manufacturer:

VARGON d.o.o., Kukuljanovo 352, 51227 KUKULJANOVO – HR

5. Naziv i kontaktna adresa ovlaštenog predstavnika:

None.

6. Sustavi ocjenjivanja

System 1+ for non-harmonized standards HRN EN ISO 21003

7. Assessment of product performance in a non-harmonised area:

Statement of properties: 16/12-ZGP-624 rev 3, ZIK, Božidarevićeva 13, 10000 Zagreb – HR, according to norms : HRN EN 21003 – 2008.g

8. Assessment of the performance for which the European Technical Assessment has been issued:

None.

9. Product properties:

Technical specifications (non – harmonized standard) HRN EN ISO 21003

Essential characteristic	Properties	Tehnickal specifications
Material	PP-R , PP-R/MF	HRN EN ISO 21003
Nominal diameter	DN/OD 16 – 160 mm	HRN EN ISO 21003
SDR / PN	S 5; S3,2; S2,5; S2 / PN 10, 16, 20, 25 bara	HRN EN ISO 21003
Wall thickness	In accordance with the specifications	HRN EN ISO 21003
Ovality	In accordance with the specifications	HRN EN ISO 21003
Apperance	In accordance with the specifications	HRN EN ISO 21003
Color	Gray	HRN EN ISO 21003
Dimensional stability	$\leq 2 \%$	HRN EN ISO 21003, HRN EN ISO 2505
MFR value	MFR $\leq 0,5$ g/10 min (2,16 kg 230°C)	HRN EN ISO 21003, HRNE NE ISO 1133-1
Change of MFR after produced pipe	+/- 30 %	HRN EN ISO 21003
Impact resistance at 0°C	TIR $\leq 10\%$	HRN EN ISO 21003, HRN EN ISO 9854-1,2
Inner pressure resistance	165 h whitout breaking at 95°C PP-R : 3,8 Mpa, No breaking	HRN EN ISO 21003, HRN EN ISO 1167-1,2
Hygienic safety	In accordance with the specification	Croatian public health institute (NN 125/2009, NN 56/2013)

10. The product performance determined in points 1 and 2 is in accordance with the declared performance in point 9.

This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in point 4.

NOTE: When the Silverline pipe system is installed correctly, Vargon d.o.o. provides a 50-year warranty.

For the manufacturer and on his behalf signed:.

Denis Blašković, Plant Manager



9.06.2025., Kukuljanovo