



## NATIONAL DECLARATION OF PERFORMANCE no. 176

1. Name and trade name of the construction product: PVC-U fittings for water transmission and for pressure drainage and sewage systems DN 63÷400
2. Designation of the construction selection type: Pressure pipes made of PVC-U 63÷400 PN 10
3. Intended use or uses: for underground water supply networks (water intended for human consumption and general purposes), transfer of water above the ground both outside and inside buildings, pressure drainage and sewerage laid underground and above ground.
4. Name and address of the manufacturer's registered office and place of production: SKOPLAST Stanisław i Krzysztof Szkopek sp.j  
ul. Raszkowska 9a 63-430 Kaczory, Company "Porębski" Przylesie Dolne 51, 49-200 Grodków
5. Name and address of the authorized representative, if any: not applicable
6. National application system for the assessment and verification of constancy of performance: 4
7. National technical specification:  
7.a Polish product standard: PN-EN ISO 1452-3:2010 Plastic piping systems for water and pressure underground and above ground drainage and sewer systems Unplasticized polyvinyl chloride (PVC-U). Part 3: Fittings  
Name of the accredited certification body, accreditation number and national certificate number or name of accredited laboratory/laboratories and accreditation number: not applicable  
7.b National technical assessment: not applicable  
Technical Assessment Body/National Technical Assessment Body: not applicable  
Name of the accredited certification body, accreditation number and certificate number: not applicable
8. Declared performance characteristics:

Essential characteristics of the construction product for intended use or uses	Declared performance characteristics	Comments
Vinyl Chloride Monomer (VCM) Content	<0.0001% PN-EN ISO 1452-3:2010, point 4.1	Polymer testing
Density $\rho$	$1350 \text{ kg/m}^3 \leq \rho \leq 1460 \text{ kg/m}^3$ PN-EN ISO 1452-3:2010, point 4.2	
Minimum required MRS strength	$\geq 25 \text{ MPa}$ , PN-EN ISO 1452-3:2010, point 4.4.1, 4.4.2	Verification of a mixture or composition based on testing tube samples
Impact on water quality	Conforms to PN-EN ISO 1452-3:2010, point 4.2	It has a hygienic certificate of the National Institute of Public Health (NIZP/PZH) BK/W/0703/01/2019 valid until 2022-06-04
Properties of sealing ring materials	According to PN-EN ISO 1452-3:2010, point 1	Based on the Declaration of Performance of the manufacturer of the sealing rings
Appearance	Conforms to PN-EN ISO 1452-3:2010, point 5.1	
Colour	Conforms to PN-EN ISO 1452-3:2010, point 5.2	
Geometric features	In accordance with PN-EN ISO 1452-3:2010, point 6	
Physical properties	Vicat softening point (VST) $\geq 74^\circ\text{C}$ PN-EN ISO 1452-3:2010, point 9	
Mechanical properties	Resistance of fittings or elements to internal pressure PN-EN ISO 1452-3:2010, point 8.1	
Tightness	Connection tightness in accordance with PN-EN ISO 1452-2:2010, point 12 and PN-EN ISO 1452-5:2011, point 4.3, 4.4, 4.5	
Marking	In accordance with PN-EN ISO 1452-3:2010, point 13	

9. The performance of the product specified above is in accordance with all the declared performances 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.

Signed on behalf of the manufacturer by:

Sebastian Szkopek, Quality Department Manager

Kierownik Kontroli  
Jakości Laboratorium  
*inż. Sebastian Szkopek*