



„Evopipes” LTD

Langervaldes street 2a, Jelgava, LV-3002, Latvia



Issued: Jelgava, 23/07/2024

DECLARATION OF PERFORMANCE

No.: DoP-EVOCAB.FLEX.N.450

- 1. Manufacturer: "Evopipes" Ltd, Langervaldes street 2a, Jelgava, Latvia, LV-3002
- 2. Product: Corrugated double-wall conduit with smooth internal surface **EVOCAB FLEX** DN/OD 50-160 mm
- 3. Application: Mechanical protection and underground insulation of high and low voltage cables when constructing and installing power lines, telecommunication networks, signaling and other lines operating at direct current or alternating current of up to 1000 V.
- 4. Technical specifications: **EN 61386-24:2010** "Conduit systems for cable management – Part 24: Particular requirements – Conduit systems buried underground (IEC 61386-24:2004)".

5. Declared technical and physical properties:

PHYSICAL AND MECHANICAL PROPERTIES							
Characteristics	Result				Test method		
Resistance to compression (5%, 200mm / 15mm/min)	≥ 450 N				EN 61386-24 p.10.2		
Resistance to impact (-5°C / 2h, 5 kg)	Code N (normal)				EN 61386-24 p.10.3		
Raw material	PEHD compound, halogen-free						
Density (at 23 °C)	>930 kg/m ³				EN ISO 1183		
Elasticity modulus, E-modulus (at 23 °C)	>1000 MPa				EN ISO 178		
Resistance to bending	Pliable				EN 61386-24 p.6.1.3		
Chemical resistance	pH 2 (acid) – pH 12 (alkaline)				ISO/TR 13058 (Pipe)		
					ISO/TR 7620 (Sealing ring)		
Temperature resistance	-25 °C to +90 °C (Code 42)				EN 61386-1 p.6.2		
GEOMETRIC PARAMETERS							
Nominal size related to outside diameter DN/OD, mm	50	63	75	90	110	125	160
Inside diameter ID, mm	39,8	50,9	62,1	75,4	93,1	105,9	136,9
Minimum bending radius, mm (acc. to EN 61386-24 p.10.4)	230	230	230	230	230	280	280

System or systems of assessment and verification of constancy of performance of the construction product: **1+**.

Confirmed by:

EVOPIPES Ltd
Research and Development Department

The declaration of performance is made electronically and is valid without a signature and stamp.