


Product type	BUDAPLAST GRP sewer and pressure pipe system BUDA NC LINE	
Intended use or uses of the construction product	For transportation of municipal and industrial waste water and storm water, and for the construction of gravitational utility pipelines buried, primarily outside of buildings and for the reconstruction of existing pipelines by pipelining technologies.	
Name, trademark and address of manufacturer	Budaplast Vállalkozási és Kereskedelmi Kft. „BUDAPLAST” Szabolcs utca 29., H-1134 Budapest Production: Iskola út 54., H-3033 Rózsaszentmárton	
Authorized representative	Not applicable	
System of assessment and verification of constancy of performance (AVCP) of the construction product	System 4 according to 99/472/EC Controlling of production is made by the manufacturer constantly.	
Notified body	Not applicable	
Product standards	EN 14364 : 2013 ISO 16611 : 2017	no. 20-210-02546 by Siebert + Knipschild GmbH external monitoring: CEN/TS 14632, DIN 18200
Technical assessments	NMÉ A-102/2015 Agreement T. 001SC-05/46-2022 AVIS Technique 17.2/21-354_V2 BENOR BB-652-23219-652-2-24132-45158	01.08.2015 by ÉMI Non-profit Llc. 31.10.2022 by URBAN-INERC 24.01.2021 by CSTB 12.03.2021 by BCCA

Declared performance					
Structural wall thickness		mm	o < 20	o < 30	o ≥ 30
Short term bending modulus	ISO 178	MPa	12 000	10 000	10 000
Long term creep bending modulus	ISO 10468	MPa	7 100	5 900	5 900
Short term bending strength	ISO 178	MPa	192	150	140
Long term bending strength	ISO 10952	MPa	95	73	68
Resistance to strain corrosion	ISO 10952	%	0.78	0.73	0.68
Min. initial longitudinal tensile strength	ISO 8513 method A	N/mm	according to EN 14364 and ISO 16611		
Joint type	EN 14364, ISO 16611		o rigid	o flexible	
Sealing	EN 681-1		o none	o SBR	o EPDM
Maximum allowable draw (D)	EN 14364, ISO 16611	% of L	0.2		
Maximum allowable angular deflection (δ)	EN 14364, ISO 16611	°	arctan((T - 0,002*L) / MDCα)		
Maximum allowable total draw (T)	EN 14364, ISO 16611		o 30	o 25	o 20
Nominal ring stiffness (SN)	MSZ EN 1228:1999	N/m ²	o 2500	o 5000	o 10 000 o other
Nominal pressure (PN)	MSZ EN 14364:2013	bar	1 (gravity pipe)		
Chemical resistance	EN ISO 175, MSZ EN 1120:1999		passed		
Abrasive resistance	EN 295-3, DIN 19565		passed		
Jetting resistance	DIN 19523		passed		
Tightness of fittings	ISO 16611, MSZ EN 1119:2009		passed		
Reaction to fire classification	EN 13501-1		NPD		
Emission of hazardous substances			NPD		

Performance of the product determined in point II/1.2. of NMÉ no. A-102/215 correspond to the performance according to the declaration. Only the manufacturer determined by the Declaration of Performance (or his authorized representative) is responsible for issuing this Declaration of Performance.

Person signing in the name of the manufacturer as authorized representative:

Rózsaszentmárton, 01.09.2023
place and date of issue

 **BUDAPLAST KFT.**
1134 Budapest, Szabolcs utca 29.
Adószám: 22986607-2-41


Szilárd Tamás Vezér
Quality manager