· INSTA-CERT·

CERTIFICATE

Date of valid edition

No./Revision:

2023-02-21

4077-27

Date of first issue:

2010-05-31

Name and address of certificate holder

Conformity marks covered by the certificate:

Uponor Infra Oy P.O. Box 21 FI-15561 NASTOLA



Information regarding the certificate holder/manufacturer

Contact person Jaana Hallikas	Telephone +358 20 129 211 E-mail jaana.hallikas@uponor.com
Manufacturer	Place of manufacture Fristad, Sweden

Product covered by the certificate

and polvethylene (PE).

Specification of product

Non-pressure underground PP and PE pipes and fittings according to Annex 1. Approved raw materials according to Annex 2 (confidential).

The certificate holder above is hereby given permission to use the INSTA-CERT mark on or in connection with products, which fulfil the requirements of the standard or the normative document specified above (what is said in this document about INSTA-CERT mark will also be valid for marks defined in relevant SBC). The certificate is valid on the condition that the certificate holder complies with "General rules for certification by partners of INSTA-CERT" (GRC) and the specific rules applying to certification of products of the type mentioned. The certificate holder is obliged to indemnify INSTA-CERT partners of any claim for damages or any other expenses to which partners may become liable as a result of injuries caused by a product manufactured or sold by the certificate holder. This also applies to defective or faulty products.

Unless terminated, the certificate will be automatically extended for one year at a time. The certificate will be re-issued with a new "date of valid edition" only if the content and/or conditions of the certificate have been changed. Termination may take place to the end of a year subject to three months' notice on the part of the certificate holder and the certification body. Information of valid certificates is available on INSTA-CERT homepage, www.insta-cert.net.

The certificate is not transferable.

MEMBER OF INSTA-CERT: INSPECTA SERTIFICINTI OY

My Valley

Maija Vanttaja, Managing Director

Annex 1 Sivu 1 (1)

Certificate No. 4077-27

Date 2023-02-21

Certificate holder

Uponor Infra Oy P.O. Box 21 FI-15561 NASTOLA

APPROVED PRODUCTS

LIDONOR LINDERCROUN						
UPONOR UNDERGROUN	1	T	T	T	Ι	
Trade name	Uponor IQ and IQ Blue pipes	Uponor Ultra Double	Ultra Rib 2 and Ultra Rib 2 Blue	Ultra Classic pipes	Uponor Weholite PE pipes	
Material	PP	PP	PP	PP	PE	
Colour						
- outer layer	black	brown	reddish brown	brown or black	black or white *)	
- inner layer	grey and white	grey and white	grey	brown, grey or white	black or white *)	
Wall construction	В	В	В	A1	A2	
Ring stiffness	SN 8	SN 8	SN 8	SN4 and SN8	SN4 and SN8	
Application area	UD					
- Dimensions/OD; mm (- size group 1 and 2)	200, 250 and 315	200, 250 and 315	110 - 315	110 and 160		
- Dimensions/ID; mm (- size groups 1 and 2)	200 and 300					
Application area	U					
- Dimensions/OD; mm (- size group 2 and 3)		450 and 560	400 - 1200			
- Dimensions/ID; mm (- size group 2 and 3)	400, 500, 600 and 800				400 - 1000	
- Dimensions/ID; mm (- size group 3)		600				
Pipes without socket - Dimensions/ID, mm (- size groups 3 and 4)					1200 - 3000	
Designation of production place	5					

^{*)} For size groups 2, 3 and 4 color options (inner layer/outer layer) black/black, black/white, white/black and white/white.