

ЮРОКОМ 2000

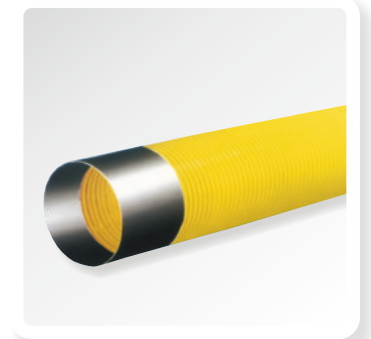
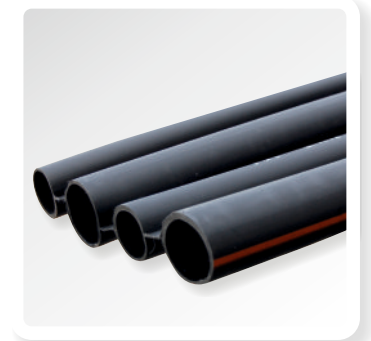
Всичко за ВК и отопление



2000



POLYETHYLENE PIPES FOR CABLE PROTECTION



KONTI
HIDROPLAST®





THE POLYETHYLENE PIPES with small diameter are used for installing cable, for underground placement. *Mainly they are used as protection for optic cables, coaxial optic cables for distributive systems and other functional nets.* They are also used for classical telecommunication cables with smaller diameter.

The past years resulted with increased demand especially for the cable television which sought solution for careful replacement of the old systems.

The experience emphasized the need for replacement of the old cables is more urgent thus increasing the demand for it.

The pipes with small diameters: 32, 40 and 50 and are produced in lengths from 350 until 500 m with different models of pressure classes.

They are produced of PE80 material with black exterior surface with green longitudinal line (or in different color according to customer's request).

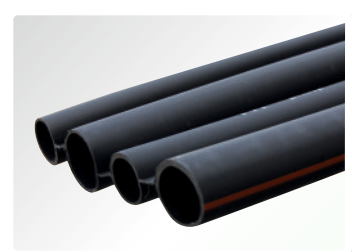
The interior surface of these PE pipes is smooth but ribbed so the friction in the pipe when a cable is inserted is minimal.

Laying an optic cable in polyethylene pipe has several advantages compared to the classical laying of the cables:

- ◆ Secures the cable from exterior damages (rocks, roots or other ground manifestations)
- ◆ Decrease of the maintaining costs
- ◆ Easy and quick assemblage, without unnecessary friction while the cable insertion
- ◆ Big lengths of delivery, so the assembling costs are at their minimum
- ◆ Excellent corrosion resistance

These polyethylene pipes are also used in the construction of buildings or industry facilities as well as for other infrastructure buildings for protection a large spectrum of different cables as:

- ◆ Telephone
- ◆ Television
- ◆ Optic



EN 3476-3 ()	:	
80	:	
>0,947 g/cm ³ (MFI) 0,4 – 1,3 g/10 min => 800 N/mm ²	-	
(EN 12201; ISO 4427; DIN 8074),	-	
	-	
	-	
	-	
	-	
	-	
500 m.	-	
	-	
6 12 m	-	
50 m	-	

MATERIAL

The pipes are made of high density polyethylene (PE), which is characterized for its good mechanical and chemical properties, it is environment friendly and in the same the pipes provide economical benefit and solution of the usual problems that exist while laying the pipes. Usually it is used PE80 material with the following properties:

PROPERTIES OF THE MATERIAL

DENSITY >0.947 g/cm³
Friction index (MFI) 0.4 – 1.3 g/10min
Elasticity module => 800N/mm²

The pipes are produced according to the existing international standards (EN 12201; ISO 4427; DIN 8074), conformed to the national standards in Macedonia and can be adjusted to fit the requirements of any other market for customers outside Macedonia. They fully satisfy the technical requirements for telecommunication and cable works as ideal protecting solution. For identification purposes pipes have special color. In Macedonia they are black with longitudinal lines but also as producers we can conform with any requirement of a customer concerning the color.

PRODUCTION PROGRAM

The production program for this application are contents of:

POLYETHYLENE PIPES FOR OPTIC CABLES

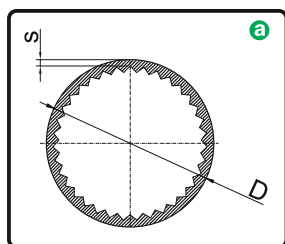
These pipes have small diameters and are used for direct cable insertion while laid underground. Their exterior surface is smooth with longitudinal ribbed interior. They are produced in coils up to 500 m.

DOUBLE WALL CORRUGATE PIPES WITH BIGGER DIAMETER

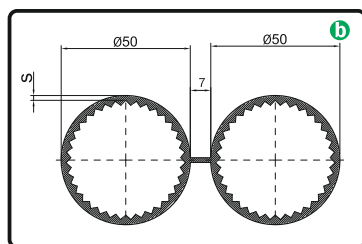
These pipes are used for protection or holders of the protection pipes, especially for passage of roads and bridges. They are double wall pipes within the smooth interior and the exterior surface is corrugate. They are produced in straight form of 6 and 12m, or in 50m coils.

POLYETHYLENE PIPE FOR OPTIC CABLE INSERTION

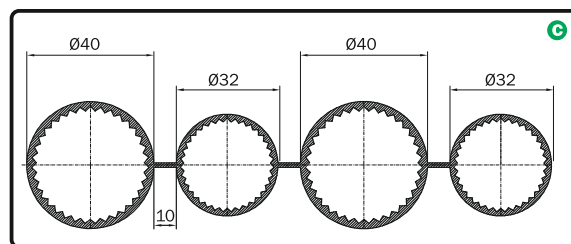
These pipes have small diameters and can be in the following dimensions:



32, 40 50 mm
Simple pipes with diameters of
32, 40 and 50 mm



50 mm
Double pipes with diameters
of 50 mm



32 40 mm
Quadruple pipes, composed by two different
diameters of 32 and 40 mm

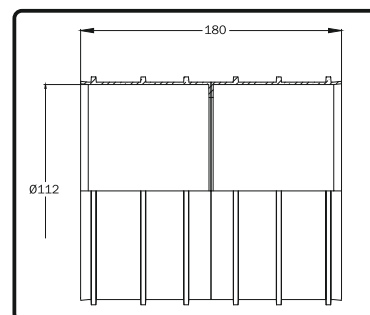
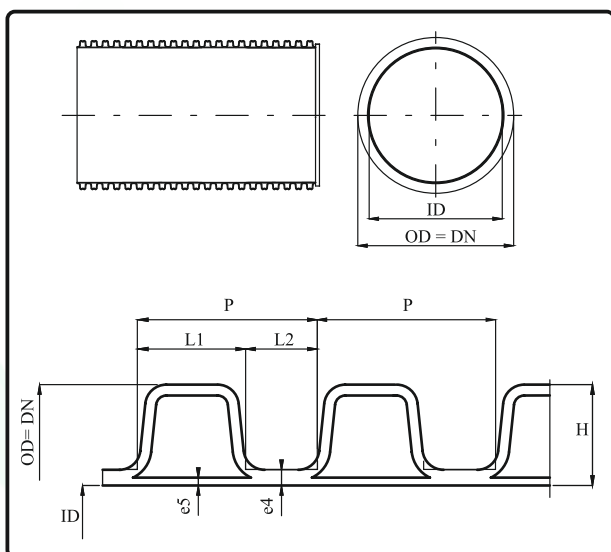
D (mm)	tip 1	D (mm)	tip 2
Ø32	1.90	Ø32	2.40
Ø40	2.00	Ø40	3.00
Ø50	2.40	Ø50	3.70

D (mm)	tip 1	tip 2	tip 3
Ø50	2.40	3.70	4.60

D (mm)	S (mm)	D (mm)	S (mm)
Ø32	1.90	Ø40	2.0

DOUBLE WALL CORRUGATE PIPES WITH BIGGER DIAMETER

Pipes with bigger diameters that are used for insertion of a bundle of pipes for protection of optic cables and for road or bridge passage. They are produced in black, red and yellow color but also we can respect every special color that will be indicated by the customer.



(mm)	(mm)
110	93.80
125	107
160	138



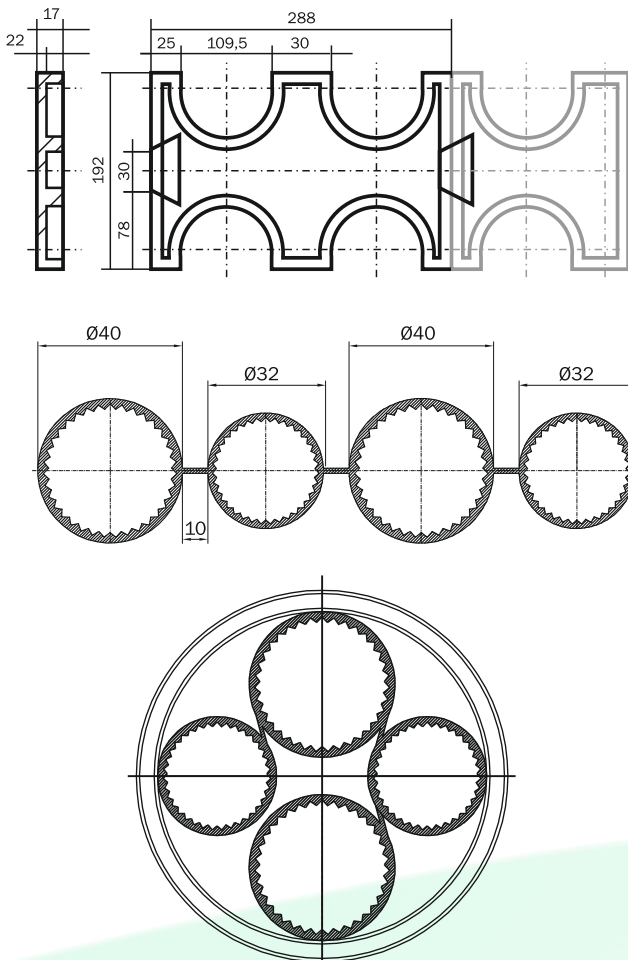
PIPE JOINING

COMFIT , 32,40 50mm.

The protection pipes for cables with small diameters are joined with mechanical joints or professionally known as COMFIT joints, with dimensions of 32, 40 and 50 mm.

The corrugate pipes are joined with classical socket.

In the laying process in trenches, when there are several corrugate pipes that need to be laid, to respect their straight-line position and stable position there is a need of distancioners at certain distance:





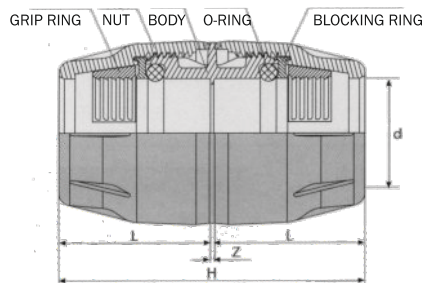
COMFIT

ISO 4427, DIN 8074.



COMFIT Coupling for PE pipes for cable protection

Execution: for mechanical connection of HD/HP/MD/LD PE pipes in compliance with ISO4427, DIN8074



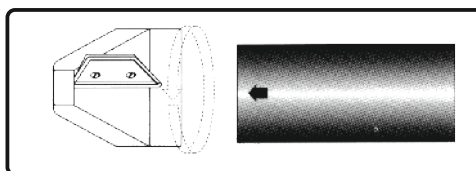
d x d	L	Z	H	E
32 x 32	44.5	1.0	90	56
40 x 40	56	1.2	115	70
50 x 50	71	1.2	145	85

COMFIT

Instruction for mounting the Comfit

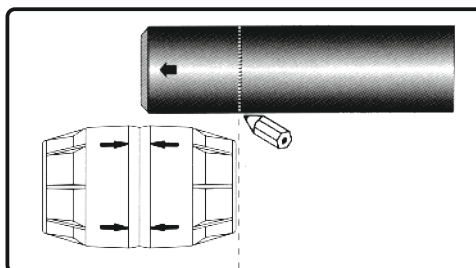
1.

Bevel the pipe



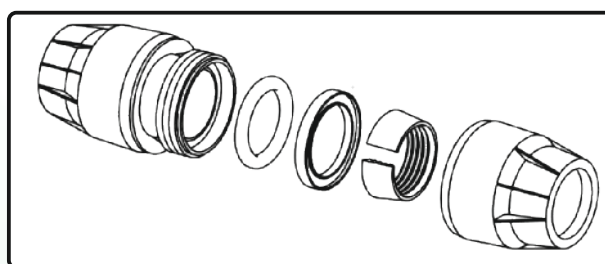
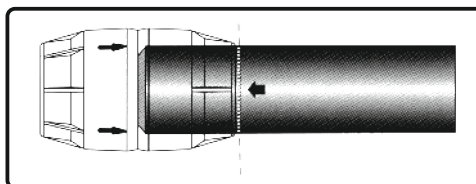
2.

Mark on the pipe the insertion depth



3.

Push the pipe until the mark reaches the fitting



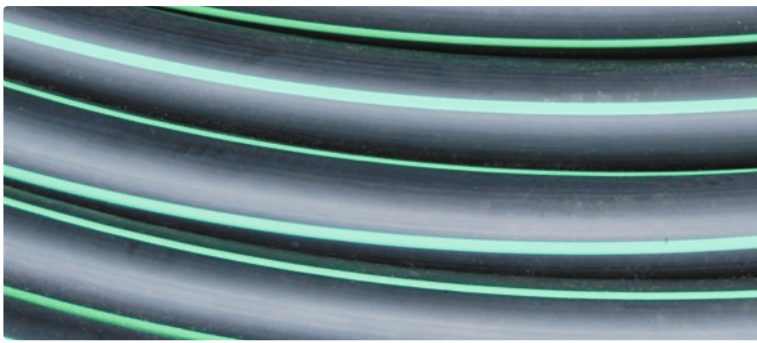
MARKING

Every polyethylene pipe is marked with a permanent mark that is embossed on the pipe itself. The standard color of the mark is white, but also we can comply with the customer's wish and make the mark in a different color upon his requirement.

The mark contains the following information:

- KONTIHIDROPLAST MAKEDONIA
- Type and dimensions of the pipe
- Date of production
- Length at every meter

We can fully comply to mark the pipes according to the customer's requirements. Double and multi pipes have the mark only in one of the pipes. The corrugate pipes have visible in text inscription. Double pipes are characterized with two colored longitudinal lines while the quadruple pipes only two pipes have longitudinal lines with only one pipe being marked. The corrugate pipes with bigger dimensions have one longitudinal line with a color that is different than the basic one.



TRANSPORTATION AND STORAGE

The polyethylene pipes with small dimensions used for protection purposes are impact resistant, so there is no special storing requirements. They are resistant to low temperatures and it is recommended to be horizontally laid on the ground. The coils have to be piled one on the other or to be in vertical position one next to other.

The length of these pipes can vary and their standard length is 500m.

The corrugate protection pipes are straight and have to be stored in horizontal position thus avoiding any possible deformation, if they are in coils it is recommended to be horizontally laid from the same reasons mentioned above.

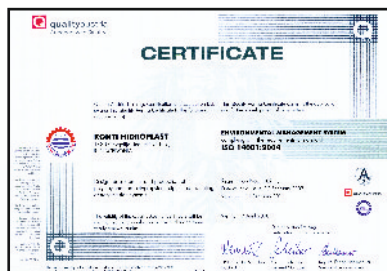
500m.



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СЕРТИФИКАТ ЗА ОДОБРЕНИЕ

Настоящият сертификат се издава за да удостовери, че Системата за управление на качеството на:

**“ЮРОКОМ 2000” ООД
София
България**

е одобрена от Lloyd's Register Quality Assurance в съответствие със следните стандарти за Системи за управление на качеството:

BS EN ISO 9001:2008 EN ISO 9001:2008 ISO 9001:2008

Системата за управление на качеството е приложима за:

Продажи на едро и дребно на материали, части и оборудване за ВиК инсталации и отоплителни системи

Сертификат
No: SOF0368290

Първоначално одобрение: 01 Декември 2005

Текущ сертификат: 20 Юли 2010

Дата на валидност: 30 Ноември 2011

Издаден от: Лойдс Регистър EMEA клон за и от името на Lloyd's Register Quality Assurance Limited.



Този документ е обект на условията, изложени на гърба на този лист.
Бул. "България" 81А, София 1404, ИД 121726037
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Използването на акредитационния знак на UKAS означава одобрение на съответствие на документите, включени в сертификата за Акредитацията на UKAS.



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**EUROCOM 2000 Ltd.
Sofia
Bulgaria**

has been approved by Lloyd's Register Quality Assurance to the following Quality Management System Standards:

BS EN ISO 9001:2008 EN ISO 9001:2008 ISO 9001:2008

The Quality Management System is applicable to:

Wholesale and retail of materials, parts and equipment for water-supply and waste water pipelines and for heating systems

Approval
Certificate No: SOF0368290

Original Approval: 01st December 2005

Current Certificate: 20th July 2010

Certificate Expiry: 30th November 2011

Issued by: Lloyd's Register EMEA branch for and on behalf of Lloyd's Register Quality Assurance Limited.



This document is subject to the provision on the reverse
81/8 Bulgaria Blvd, 1404 Sofia, reg. number 121726037
This approval is issued in accordance with the UKAS assessment and certification procedures and controlled by UKAS.
The use of the UKAS Accreditation Mark indicates accreditation in respect of those activities covered by the Accreditation Certificate Number 001.

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