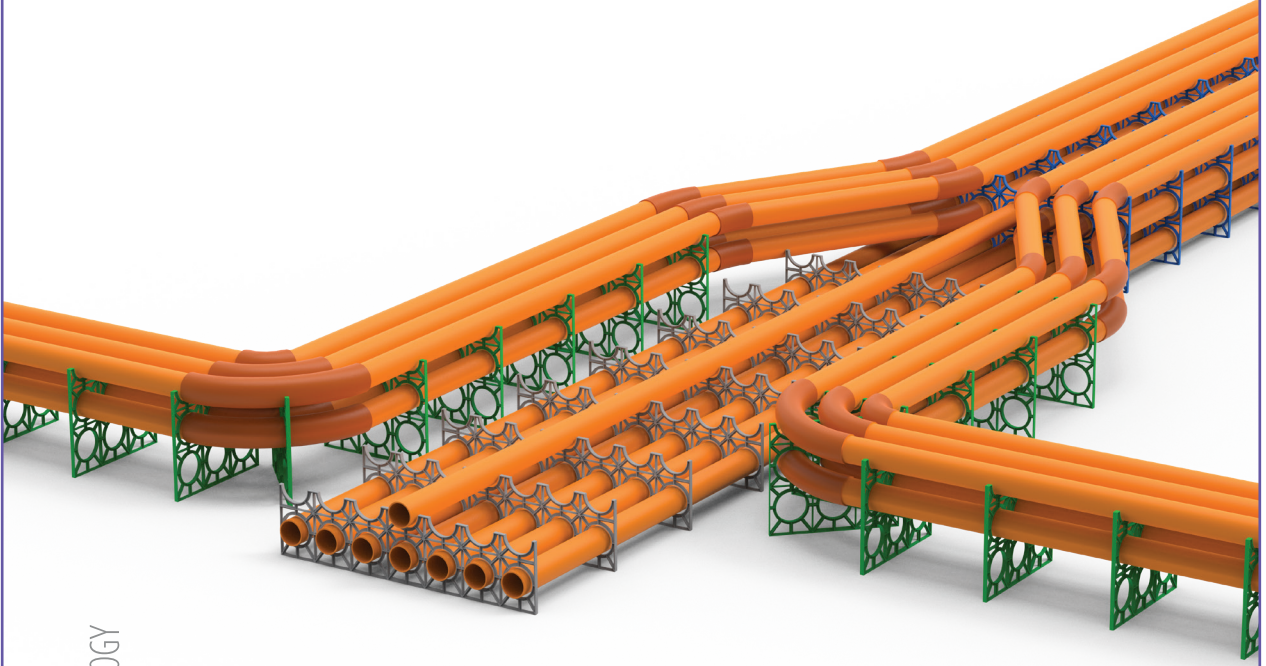


MONO DUCT®

Mono Block Duct Spacer



SINCE 1985

MEETING POINT OF EXPERIENCE AND TECHNOLOGY

We decided to shape the power
of the future with machine and mold technology.

**Makine ve kalıp teknolojisi ile
geleceğin gücünü şekillendirmeye karar verdik.**



www.monoduct.com

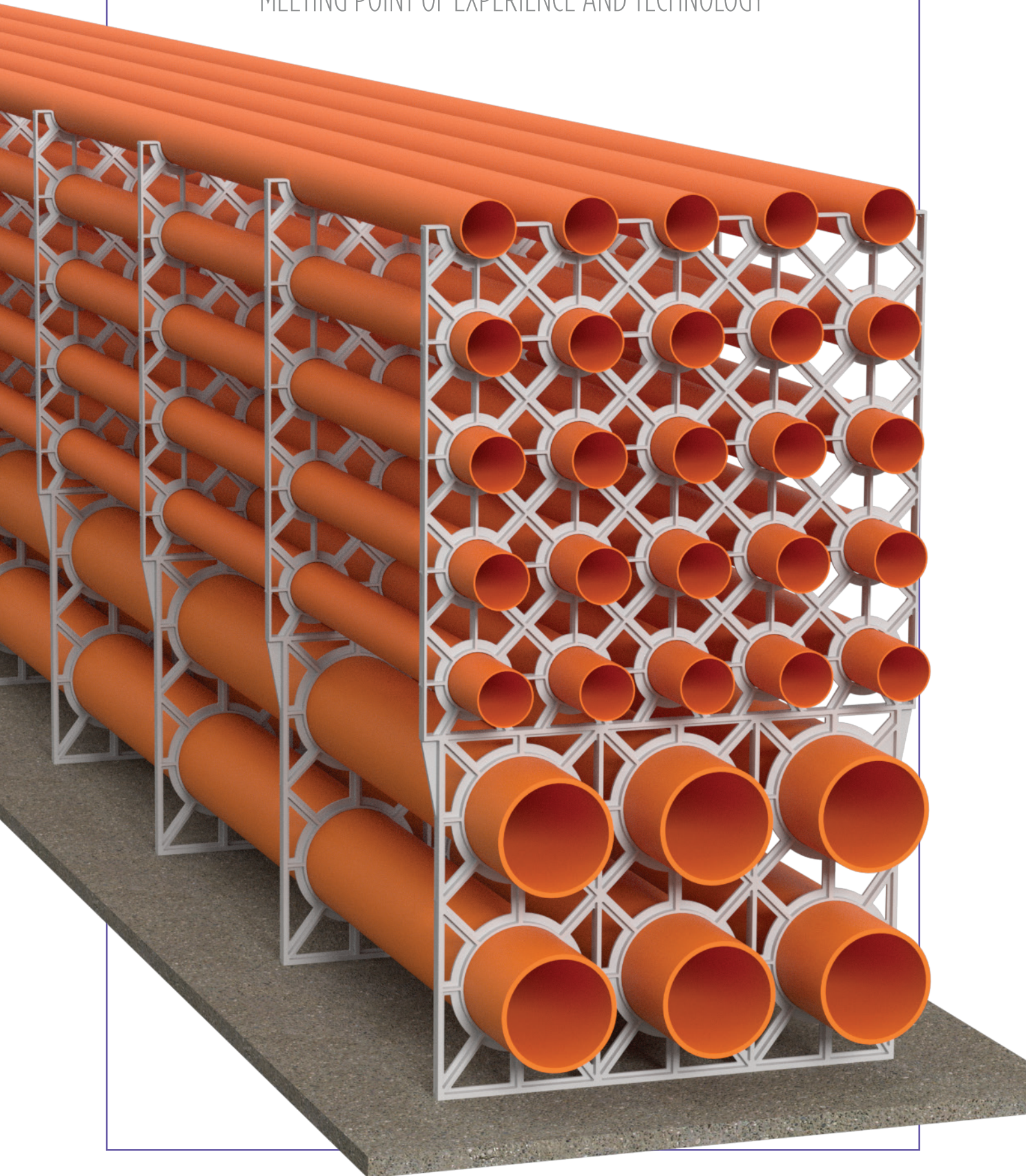


GURBETÇİLER

PLASTİK SANAYİ VE TİCARET A.Ş.

SINCE 1985

MEETING POINT OF EXPERIENCE AND TECHNOLOGY



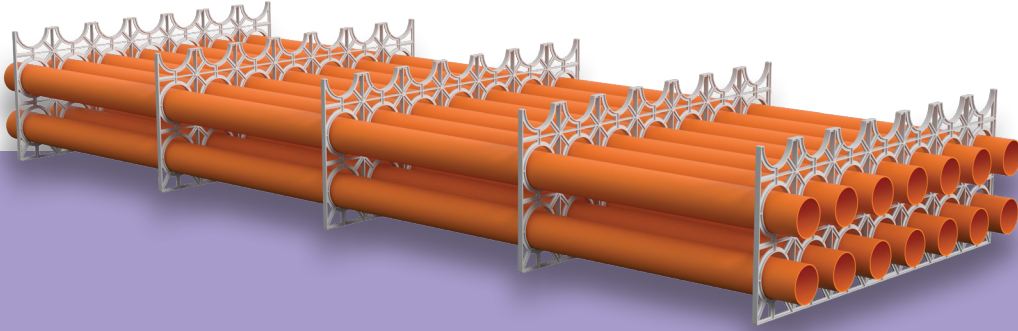
MONODUCT

Mono Blok Kanal Aralayıcı

Gurbetçiler Plastik Sanayi ve Ticaret ve A. Ş. was founded by our Chairman of the Board of Directors, Erol KÖSTEK, on May 24, 1985 in Pendik-Istanbul.

Our company has been maintaining its stable growth for more than 38 years in plastics industry producing more than 1500 products. We have 5 product patents and 3 product utility model certification including 10 registered trademarks which are PASPAYI, KAROAPP, REVAK KÖR KALIP, MONODUCT, TÜNEL SEGMENT, RAYTUT, GEOANKRAJ, NOZUL FİLTRE, YORUM KALIP.

Research, development and continuous learning are our company's basic principles. Our main focus is to create a globally reliable and successful brandname. Our target is to expand our company's influence from Americas to Australia in all the continents of the world. Our company employs 120 employees and exports its product to more than 60 countries. 60% of our turnover is from export markets



Gurbetçiler Plastik Sanayi ve Ticaret ve A. Ş. Yönetim Kurulu Başkanımız, Erol KÖSTEK tarafından, 24 Mayıs 1985 yılında Pendik-İstanbul'da kuruldu.

38 yıldır sağlam temeller üzerinde yükselerek bugünlere gelen firmamız, plastik sektöründe; 5 adet patentli ve 3 adet faydalı model tasdikli, PASPAYI, KAROAPP, REVAK KÖR KALIP, MONODUCT, TÜNEL SEGMENT, RAYTUT, GEOANKRAJ, NOZUL FİLTRE, YORUM KALIP, olmak üzere 10 adet marka tescilli 1.500'ün üzerinde ürün gamı ile başarılarla imza atarak büyümesini istikrarlı bir şekilde devam ettirmektedir.

Öğrenmek, araştırmak, geliştirmek şirketin temel özellikleri arasında yer almaktadır. Başarılı ve güvenilir bir marka olmak, hizmetlerinin odak noktasını oluşturmaktadır. Amerika kıtasından Avustralya'ya uzanan altı kıtanın tamamında hizmet ağı ile etki alanını dünya geneline yaymaktadır. Bugün şirketimiz 120 personeli ile cirosunun %60'ını 60'ı aşkın ülkeye aktif ihracat yaparak ülkemize hizmet etmektedir.



Mono Blok Kanal Aralayıcı

What is Monoduct?

In multi-cable transmission lines (energy, telecommunication signalisation etc.), Monoducts are the plastic spacers for positioning the pipes in different diameters horizontally and vertically. One of the main important speciality of Monoduct System is giving opportunity for making safer and faster installation with less manpower in the trench.

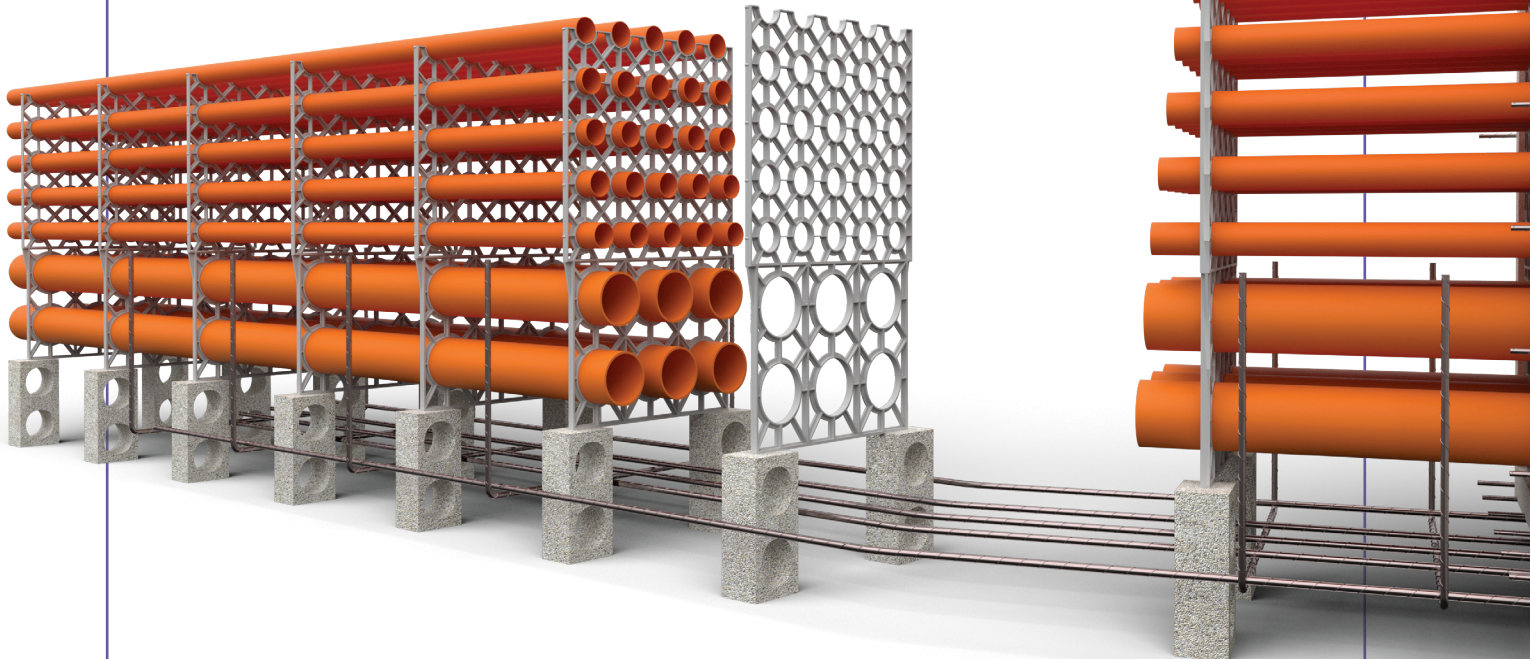
Monoduct Nedir?

Çoklu kablo nakil hatlarında (enerji, telekomünikasyon, sinyalizasyon, vb.) farklı çaplardaki muhafaza borularını kanal içinde yatay ve dikey olarak konumlandırmaya yarayan kanal plastik aralayıcılarıdır. Özel birleştirme ve kilitleme sistemi ile sınırsız konfigürasyon dizilimine imkan sunar. Önemli özelliklerinden birisi hendeklerde iş gücünü azaltıp, daha güvenli ve hızlı montaj imkanı sağlar.

Polypropylene (PP) is a recyclable material obtained by recycling plastic waste. It helps reduce waste and increase our efficiency.



Poliüretan (PP) plastik atıklarının yeniden üretimi ile elde edilen, geri dönüşümlü bir malzemedir. Monoduct atıklarımızın azalmasını ve verimliliğimizin artmasını sağlar.





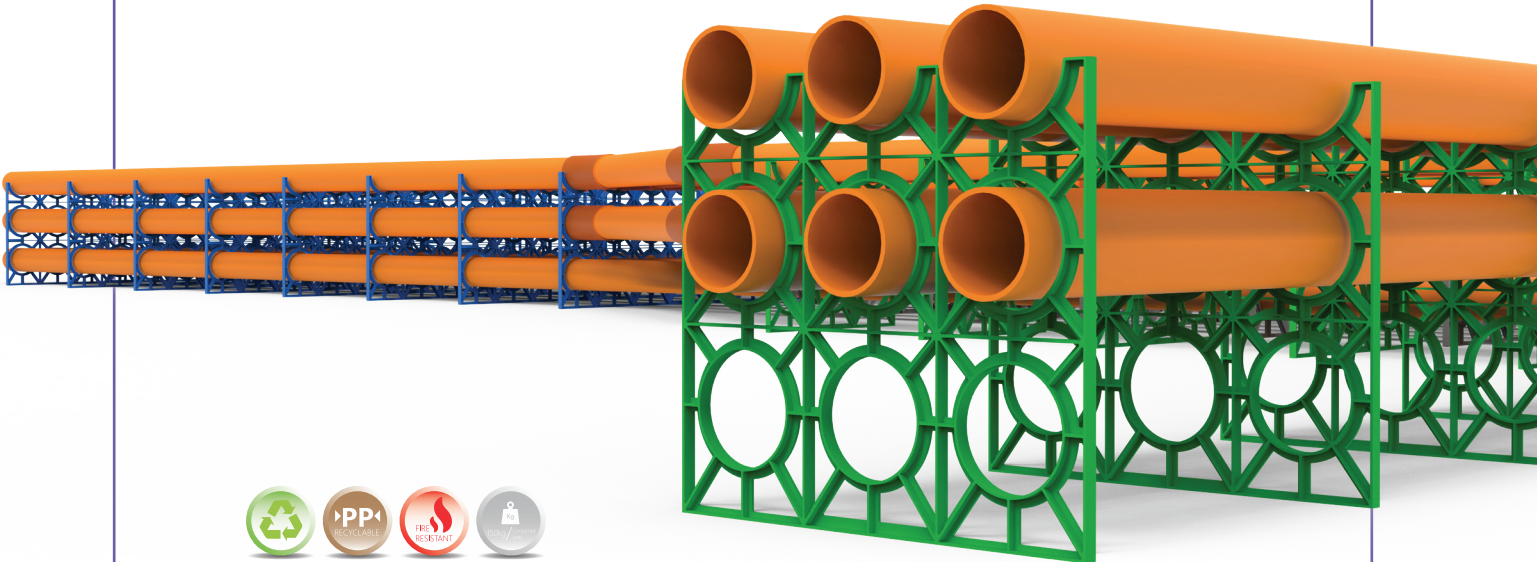
Mono Block Duct Spacer

Application Details

The installation of our Monoduct spacer product is done in the horizontal and vertical alignment direction determined by the project. This system is installed at certain distances in the channels or trenches where the same cables will pass through the multiple cable transmission lines. It is passed through the pipe ducts. The stability of the multiple cable transmission line is provided for a temporary period of time. In order to maintain the stability of the line, it is expected that the filler materials such as concrete or mortar should be poured and dried. Finally, by carrying out the underground closure of the multi-cable transmission line, the installation or maintenance of the multiple cable transmission line is completed.

Uygulama Detayları

Monoduct spacer ürünümüzün montajı proje kapsamında belirlenen yatay ve dikey dizilim doğrultusunda yapıldıktan sonra, kurulan bu sistemin aynıları çoklu kablo nakil hattının geçeceği kanal veya hendeklerde belirli aralıklar ile kurulmaktadır. Daha sonrasında borular ürünlerimizin boru kanalı bölümlerinden geçirilmektedir. Çoklu kablo nakil hattının stabilitesi geçici bir süreliğine bu şekilde sağlanmaktadır. Hattın stabilitesinin sağlanması amacı ile hendeklere/kanallara harç veya benzeri dolgu maddeleri dökülüp kuruması beklenmektedir. Son olarak da gerekli kontrol işlemleri gerçekleştirilen çoklu kablo nakil hattının yer altına kapatılması işlemi gerçekleştirilerek, çoklu kablo nakil hattının kurulum veya bakım işlemleri sona erdirilmektedir.



Applications Area

- Power plants
- Nuclear Plants
- Urban electrical and telecommunication systems
- Tunnel constructions
- Industrial structures
- Airport projects

Uygulama Alanları

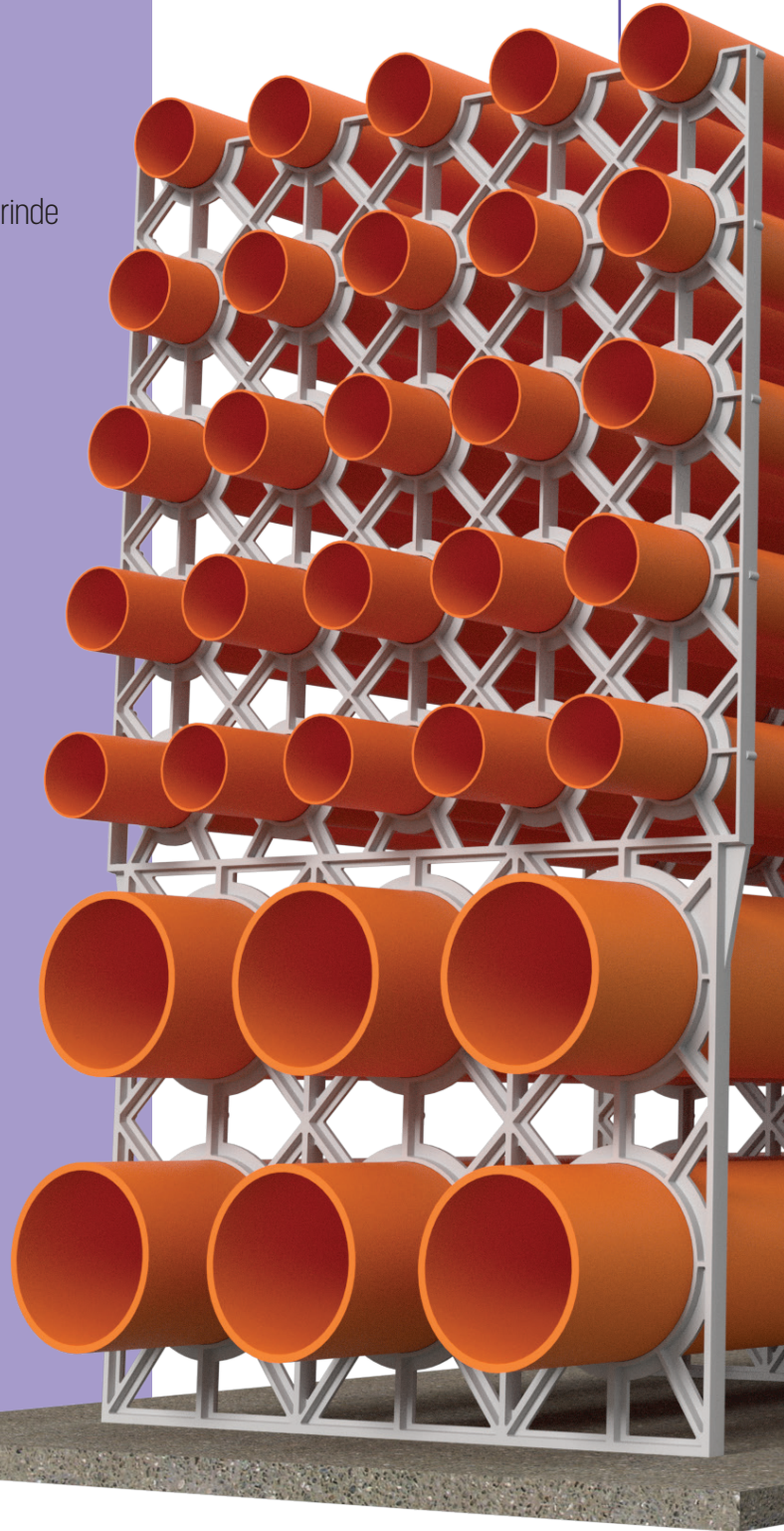
- Elektrik santrallerinde
- Nükleer Tesislerde
- Şehir içi elektrik ve telekomünikasyon sistemlerinde
- Tünel yapılarında
- Endüstriyel yapılarda
- Havaalanı projelerinde

Advantages

- It prevents resonance risk between electrical and signalling cables.
- Lightweight durable and easy-to-install.
- No additional labor is required.
- Helps save time
- It is environmentally friendly.
- Prevents from work accidents
(Does not require welding and spiral machine.)

Avantajları

- Elektrik ve sinyalizasyon kablolarındaki rezonans (manyetik alan) riskini engeller.
- Hafiftir, taşınması ve montajı kolaydır.
- Ek işçiliğe gerek yoktur.
- Zaman kazandırır.
- Çevrecidir.
- İş kazalarını önler.(Kaynak ve spiral makinesi gerektirmez.)

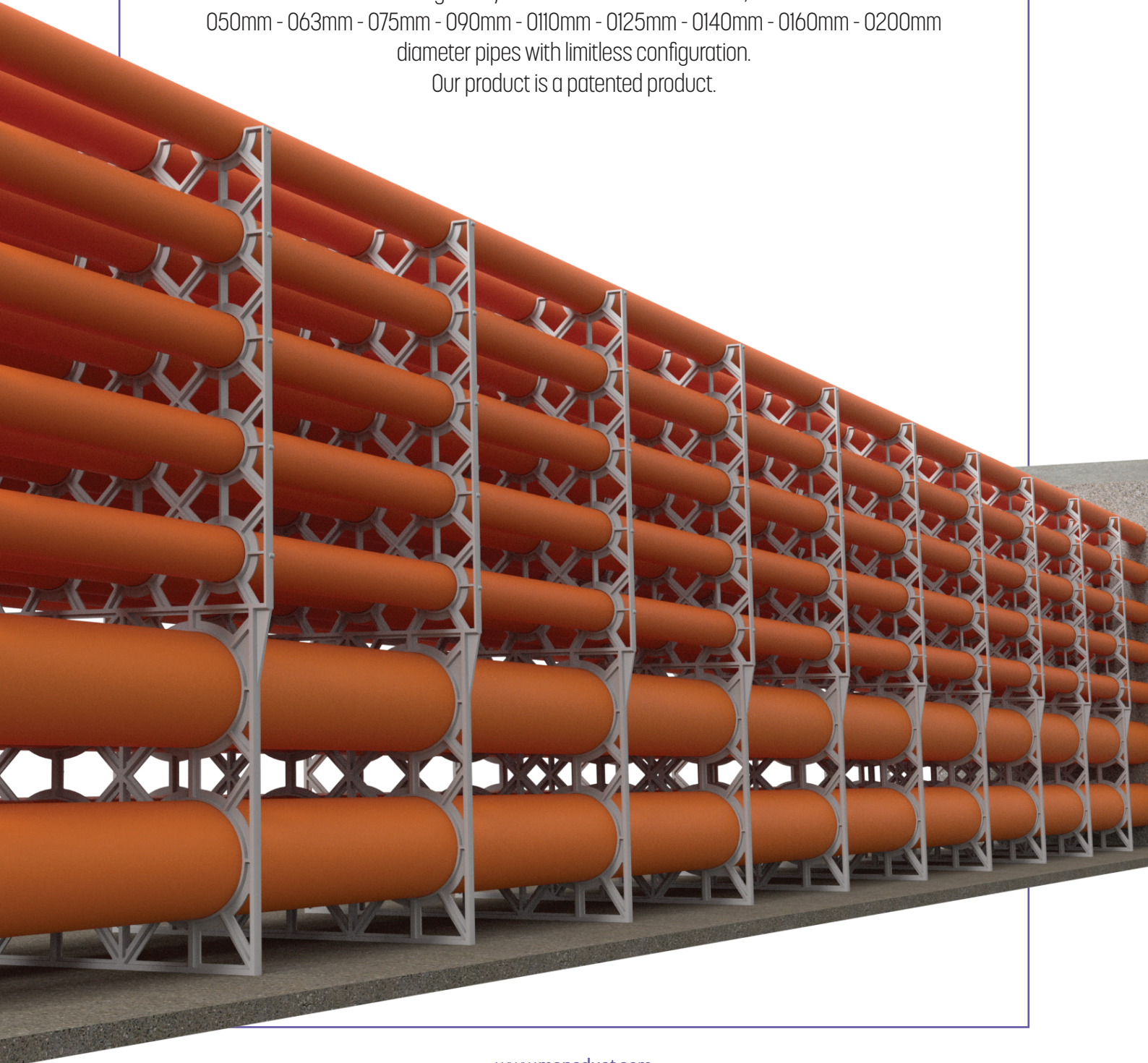


MONO DUCT®

Mono Blok Kanal Aralayıcı

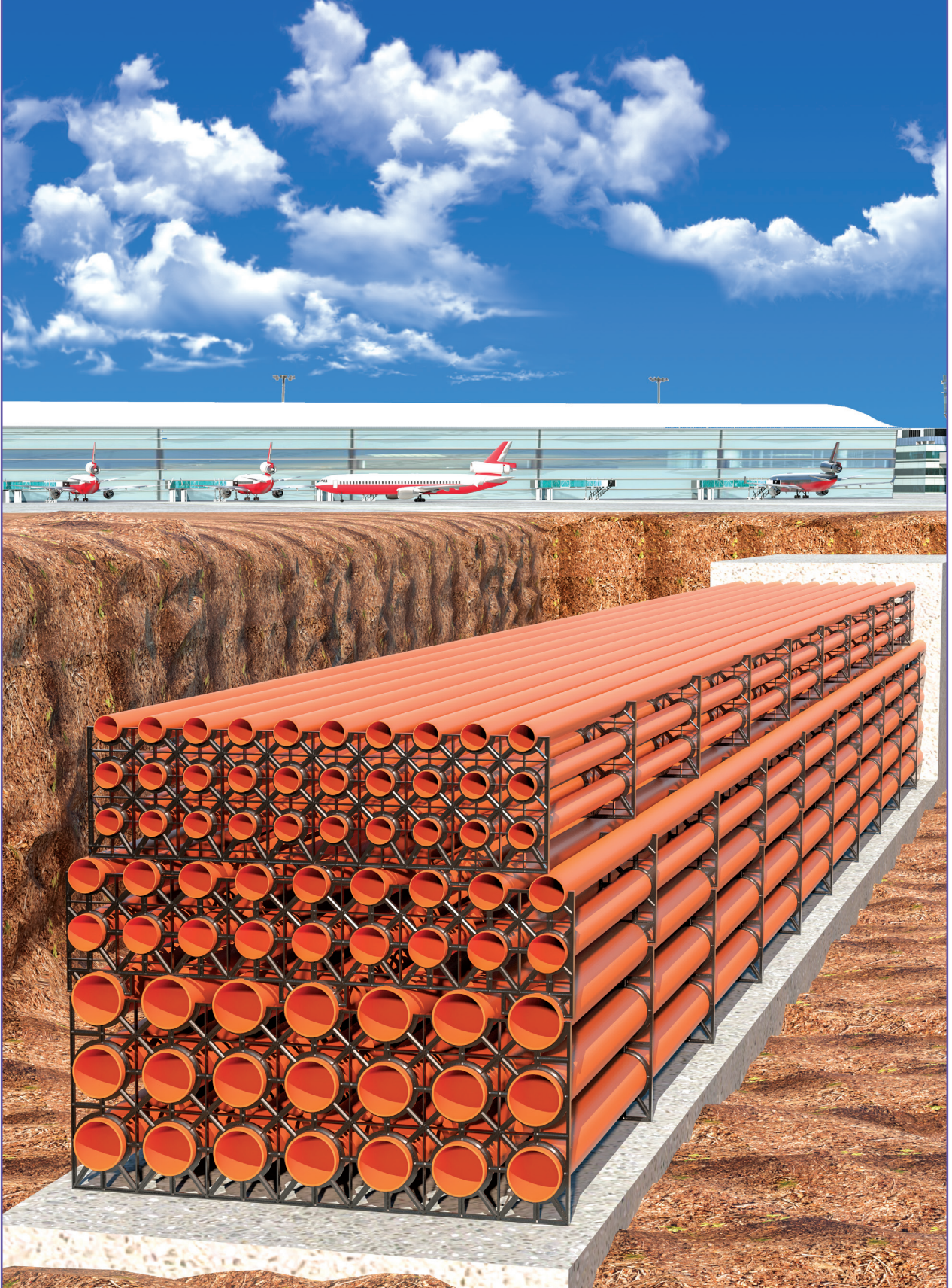
Gurbetçiler Plastik AR-GE ekibi tarafından dizayn edilip;
050mm - 063mm - 075mm - 090mm - 0110mm - 0125mm - 0140mm - 0160mm - 0200mm
çaplarındaki borulara göre sınırsız konfigürasyon sağlayan patentli bir üründür.

Designed by Gurbetçiler Plastic R&D team;
050mm - 063mm - 075mm - 090mm - 0110mm - 0125mm - 0140mm - 0160mm - 0200mm
diameter pipes with limitless configuration.
Our product is a patented product.

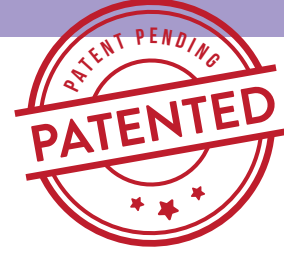


MONO DUCT

Mono Blok Kanal Aralayıcı



MONODUCT

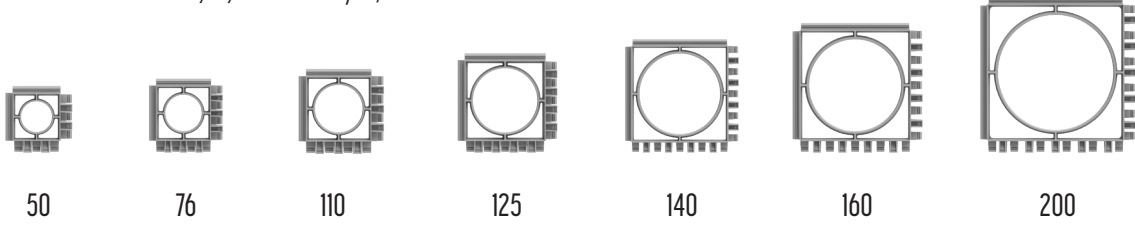


Monoduct Single Configuration

Monoduct block has 7 different "types, respectively;

Monoduct Tekli Konfigürasyon

Monoduct blok 7 çeşittir sırasıyla;

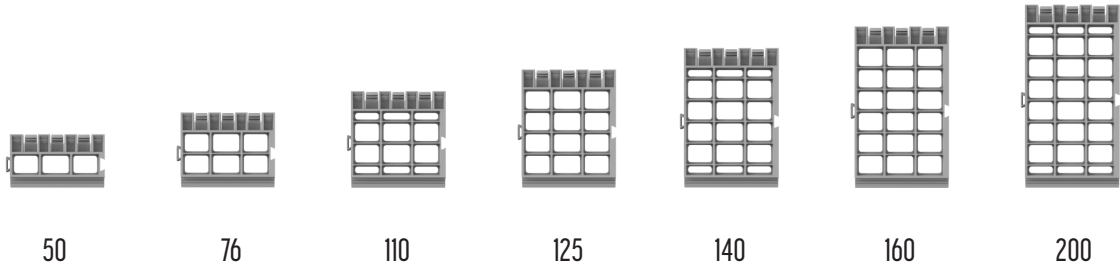


Monoduct Separating Elements

The distance between pipes, which is normally 50mm, may vary depending on the projects. Because of this, the distance can be changed by Monoduct separating elements. There are 7 different kinds of separators available, respectively;

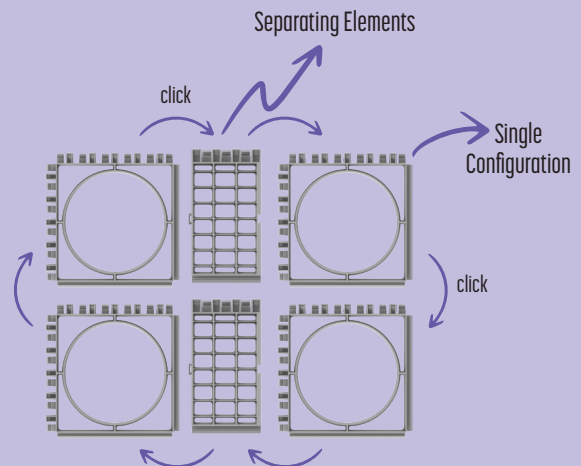
Monoduct Mesafe Adaptörü

Normal de 50mm olan borular arasındaki mesafe projelere göre değişiklik gösterebilir. Bu sebepten dolayı araya Monoduct ayırıcı adaptörü ile mesafeler değiştirilebilir. 7 farklı çeşit ayırıcı mevcuttur sırasıyla;



Assembly Style: The limitless configurations of the pipe diameter and distance can be available upon the project requirements.

Kullanım Şekli: Projeye özel olarak, istenilen boru çapına ve mesafesine göre birleştirilip farklı konfigürasyonlar elde edilebilir.



MONODUCT

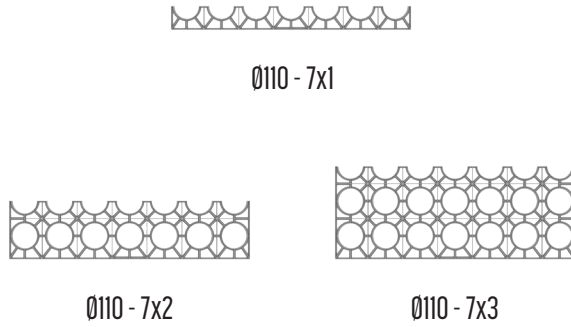
Configuration

The configuration has been diversified according to the number of pipe diameters as follows. in addition to these varieties, different combinations can be designed and modified according to different projects.

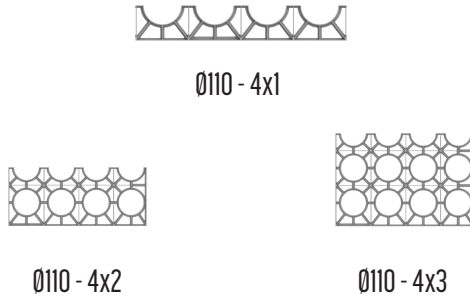
Konfigürasyon

Konfigürasyon boru çaplarına adetlerine göre aşağıdaki gibi çeşitlendirilmiştir.

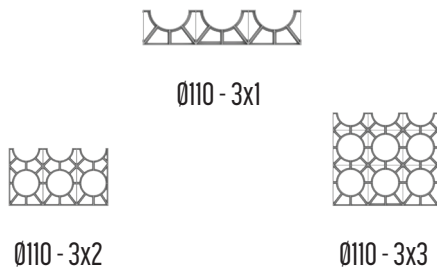
Bu çeşitlerin dışında onlarca kombinasyon ile projelerinize uygun çözümler üretilebilmektedir.



REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DiKEY BORU SAYISI VERTICAL PIPELINE ↑
110 x 7 x 1	110	7	1
110 x 7 x 2	110	7	2
110 x 7 x 3	110	7	3



REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DiKEY BORU SAYISI VERTICAL PIPELINE ↑
110 x 4 x 1	110	4	1
110 x 4 x 2	110	4	2
110 x 4 x 3	110	4	3



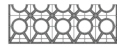
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DiKEY BORU SAYISI VERTICAL PIPELINE ↑
110 x 3 x 1	110	3	1
110 x 3 x 2	110	3	2
110 x 3 x 3	110	3	3

MONODUCT

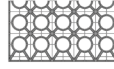
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
50 x 5 x 1	50	5	1
50 x 5 x 2	50	5	2
50 x 5 x 3	50	5	3
50 x 5 x 4	50	5	4
50 x 5 x 5	50	5	5



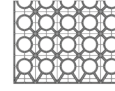
Ø50 - 5x1



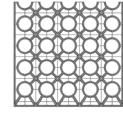
Ø50 - 5x2



Ø50 - 5x3



Ø50 - 5x4

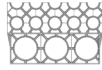


Ø50 - 5x5

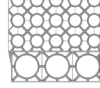
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
110 x 3 x 1 - 50 x 5 x 1	50	5	1
110 x 3 x 1 - 50 x 5 x 2	50	5	2
110 x 3 x 1 - 50 x 5 x 3	50	5	3
110 x 3 x 1 - 50 x 5 x 4	50	5	4
110 x 3 x 1 - 50 x 5 x 5	50	5	5



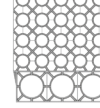
Ø110 - 3x1
Ø50 - 5x1



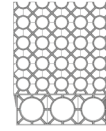
Ø110 - 3x1
Ø50 - 5x2



Ø110 - 3x1
Ø50 - 5x3

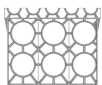


Ø110 - 3x1
Ø50 - 5x4

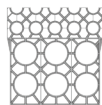


Ø110 - 3x1
Ø50 - 5x5

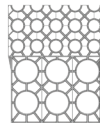
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
110 x 3 x 2 - 50 x 5 x 1	50	5	1
110 x 3 x 2 - 50 x 5 x 2	50	5	2
110 x 3 x 2 - 50 x 5 x 3	50	5	3
110 x 3 x 2 - 50 x 5 x 4	50	5	4
110 x 3 x 2 - 50 x 5 x 5	50	5	5



Ø110 - 3x2
Ø50 - 5x1



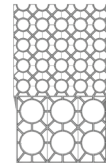
Ø110 - 3x2
Ø50 - 5x2



Ø110 - 3x2
Ø50 - 5x3



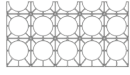
Ø110 - 3x2
Ø50 - 5x4



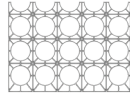
Ø110 - 3x2
Ø50 - 5x5

MONODUCT

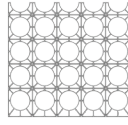
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
120 x 5 x 3	120	5	3
120 x 5 x 4	120	5	4
120 x 5 x 5	120	5	5
120 x 5 x 6	120	5	6
120 x 5 x 7	120	5	7



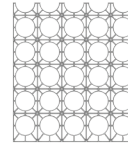
Ø120 - 5x3



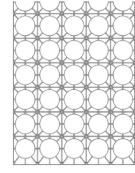
Ø120 - 5x4



Ø120 - 5x5



Ø120 - 5x6



Ø120 - 5x7

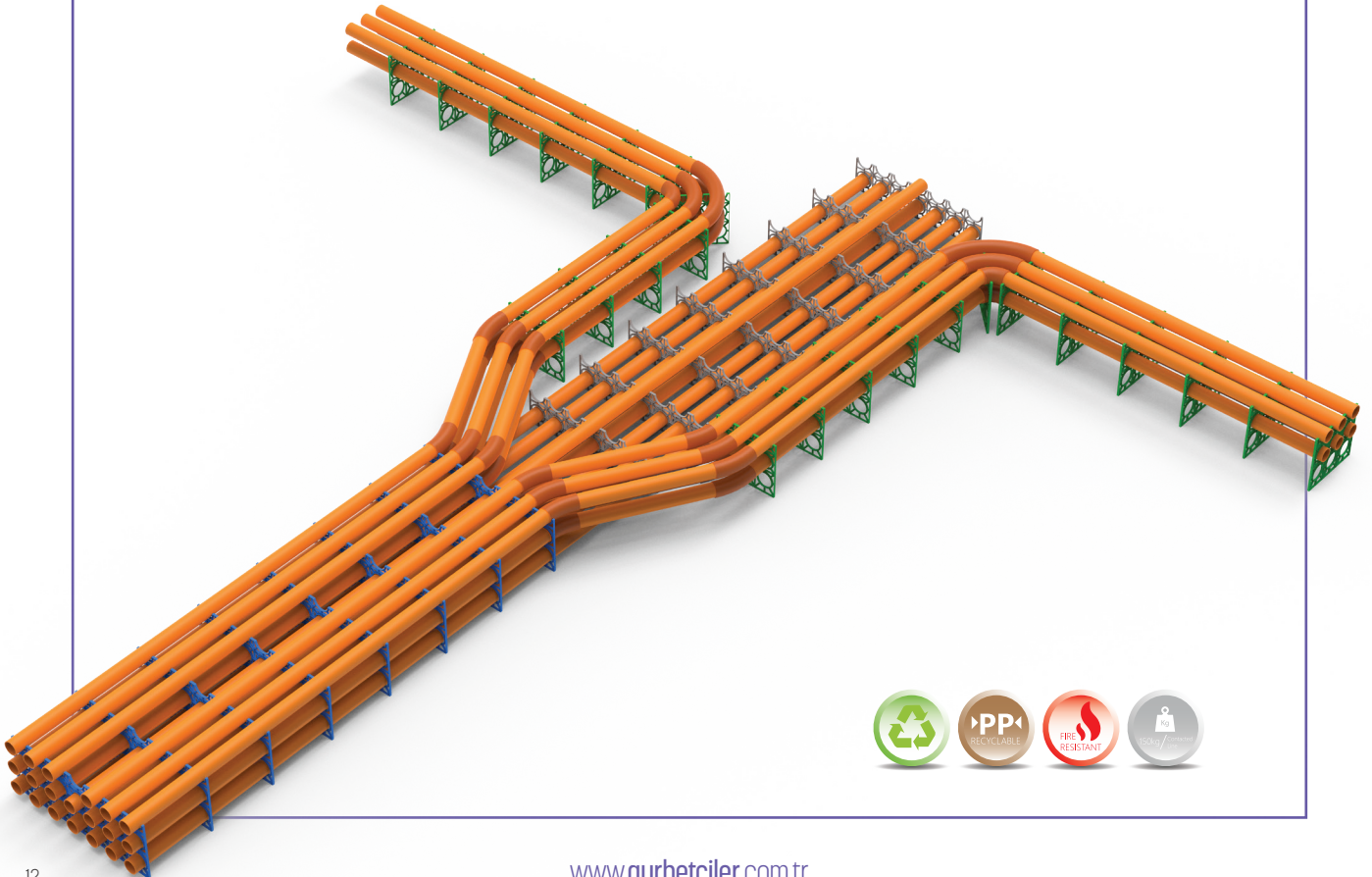
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
160 x 5 x 1 - H140	160	5	1
160 x 5 x 1 - H220	160	5	1



Ø160 - 5x1 - H140



Ø160 - 5x1 - H220



MONODUCT

REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
76 x 3 x 1 - 110	76	3	1
76 x 3 x 2 - 110	76	3	2



Ø76 - 3x1 - Ø110

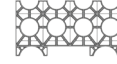


Ø76 - 3x2 - Ø110

REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
76 x 4 x 1 - 110	76	4	1
76 x 4 x 2 - 110	76	4	2



Ø76 - 4x1 - Ø110



Ø76 - 4x2 - Ø110

REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
76 x 5 x 1 - 110	76	5	1
76 x 5 x 2 - 110	76	5	2

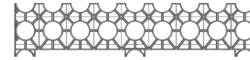


Ø76 - 5x1 - Ø110



Ø76 - 5x2 - Ø110

REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
76 x 9 x 1 - 110	76	9	1
76 x 9 x 2 - 110	76	9	2

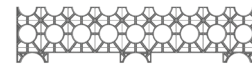


Ø76 - 9x2 - Ø110

REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
76 x 9 x 1 - 110	76	9	1
76 x 9 x 2 - 110	76	9	2



Ø76 - 9x1 - Ø110

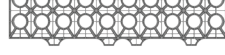


Ø76 - 9x2 - Ø110

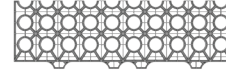
MONODUCT



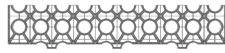
050 - 10x1 - 076



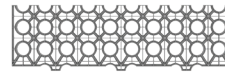
050 - 10x2 - 076



050 - 10x2 - 076

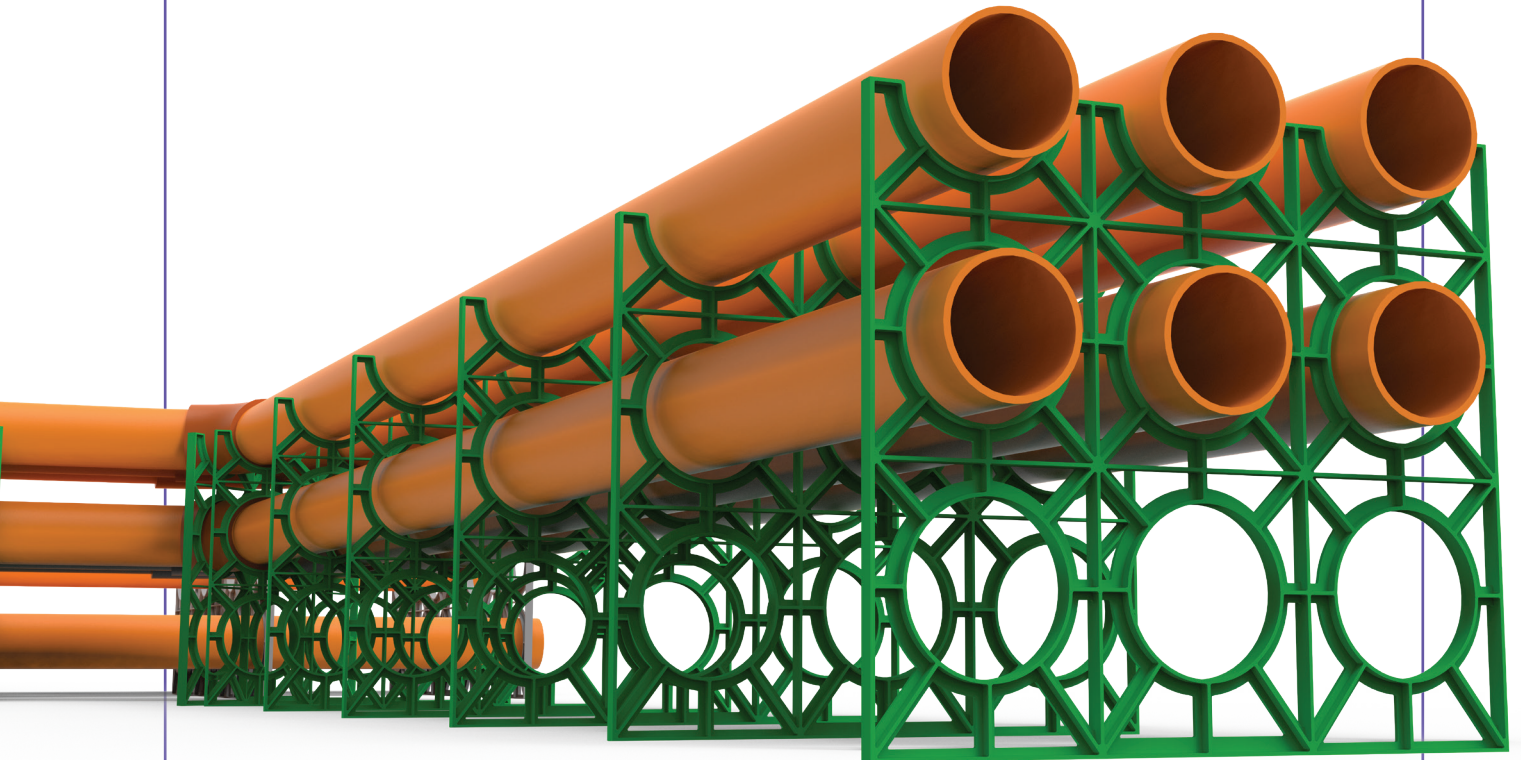


050 - 10x2 - 050



050 - 10x3 - 050

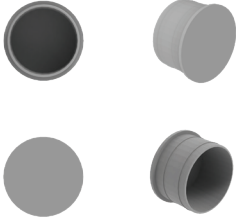
REFERANS REFERENCE	BORU ÇAPI PIPE DIAMETER Ø (mm)	YATAY BORU SAYISI HORIZONTAL PIPELINE →	DIKEY BORU SAYISI VERTICAL PIPELINE ↑
50 x 10 x 1 - 76	50	10	1
50 x 10 x 2 - 76	50	10	2
50 x 10 x 3 - 76	50	10	3
50 x 10 x 4 - 76	50	10	2
50 x 10 x 5 - 76	50	10	3



AUXILIARY EQUIPMENT

YARDIMCI ELEMANLAR

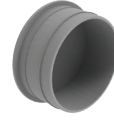
Pipe End Caps



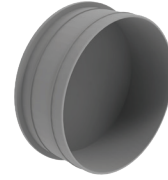
KOD CODE	REFERANS REFERENCE
1800500001	50 Muflu (With Muff) Ø50mm H: 27mm
1800500002	50 Mufsuz (Without Muff) Ø45mm H: 27mm
1800750001	75 Muflu (With Muff) Ø75mm H: 32mm
1800750002	75 Mufsuz (Without Muff) Ø70mm H: 32mm
1801100001	110 Muflu (With Muff) Ø110mm H: 42mm
1801100002	110 Mufsuz (Without Muff) Ø105mm H: 42mm



Ø50

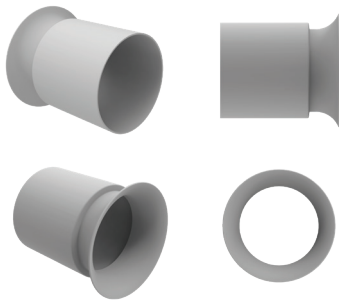


Ø75

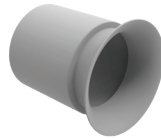


Ø110

Protective Pipe Pass Cap



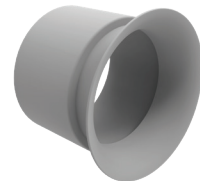
KOD CODE	REFERANS REFERENCE
2151180095	A: 0118mm - B: 095mm - H: 0153mm
2151600143	A: 0160mm - B: 0143mm - H: 0148mm
2151700140	A: 0170mm - B: 0140mm - H: 0153mm



Ø118



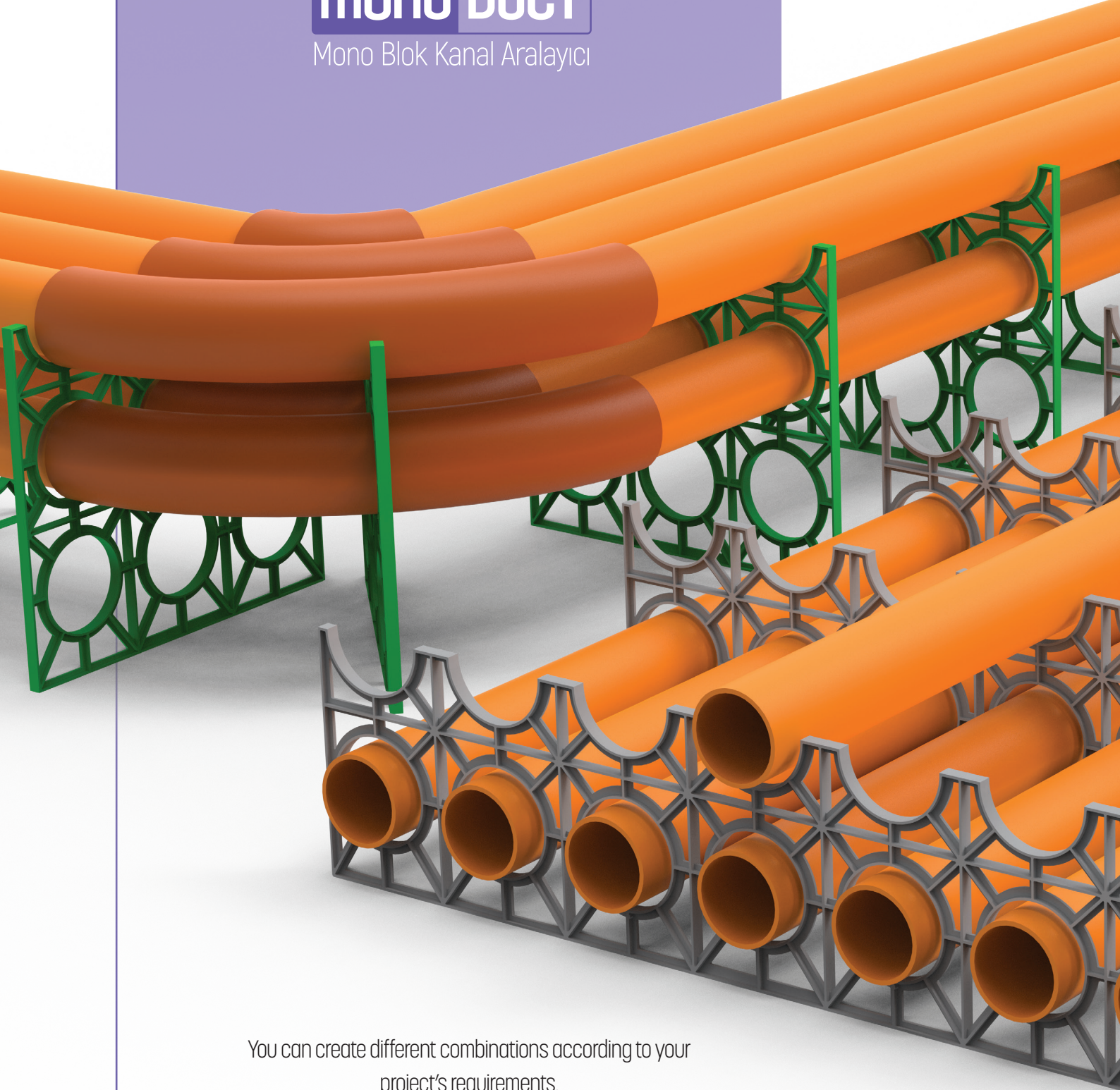
Ø160



Ø170

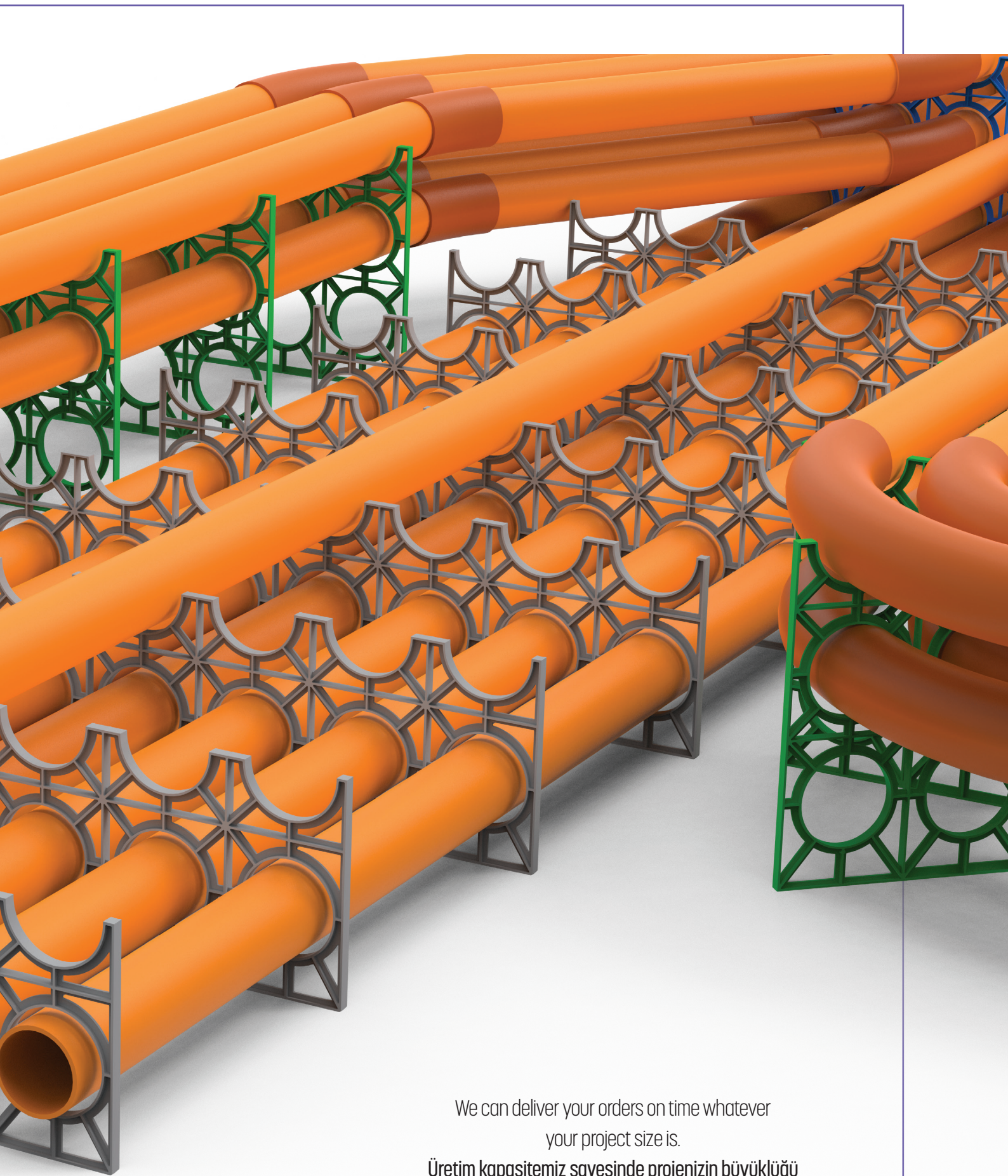
mono DUCT®

Mono Blok Kanal Aralayıcı



You can create different combinations according to your
project's requirements.

Projenizin ihtiyaçlarına göre farklı kombinasyonlar üretmek
mümkündür.



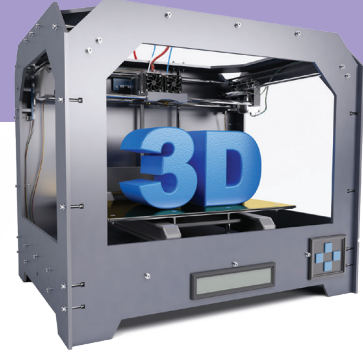
We can deliver your orders on time whatever
your project size is.
Üretim kapasitemiz sayesinde projenizin büyüklüğü
ne olursa olsun zamanında teslim ederiz.

QUALITY KALİTE



*Quality continuity is ensured
by our fully equipped
laboratories and our
experienced staffs.*

*Tam donanımlı
laboratuvarımız ve tecrübeli
elemanlarımız ile kalite
sürekliliği sağlanmaktadır.*



Injection

Our company has production capacity of 600 tons per month with plastic injection machines and extruder lines in capacities ranging from 80 to 900 tons in 25.000 m² area.

Enjeksiyon

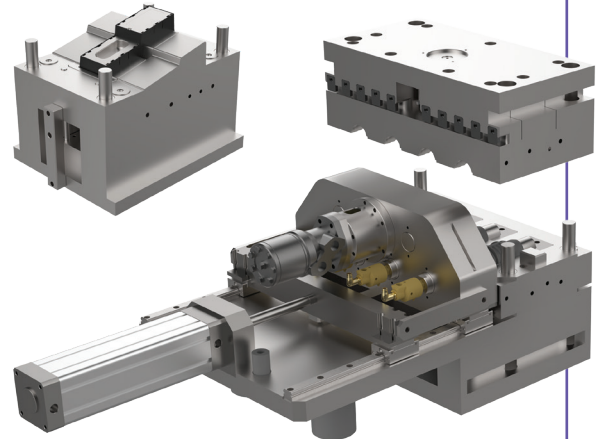
Şirketimiz, bugün 25.000 m² alanda, 80 ton ile 900 ton arası değişen kapasitelerde plastik enjeksiyon makineleri ve ekstruder hatlarıyla ayda 600 ton üretim kapasitesine sahiptir.

Mold & Design

In the mold department, it has the ability to make all kinds of designs with fully equipped equipments and machines with computer integration.

Kalıp ve Dizayn

Kalıphane bölümünde bilgisayar entegrasyonlu tam donanımlı ekipman ve tezgahlarla her türlü tasarımı yapabilme kabiliyetine sahiptir.



REFERENCES

REFERANSLAR

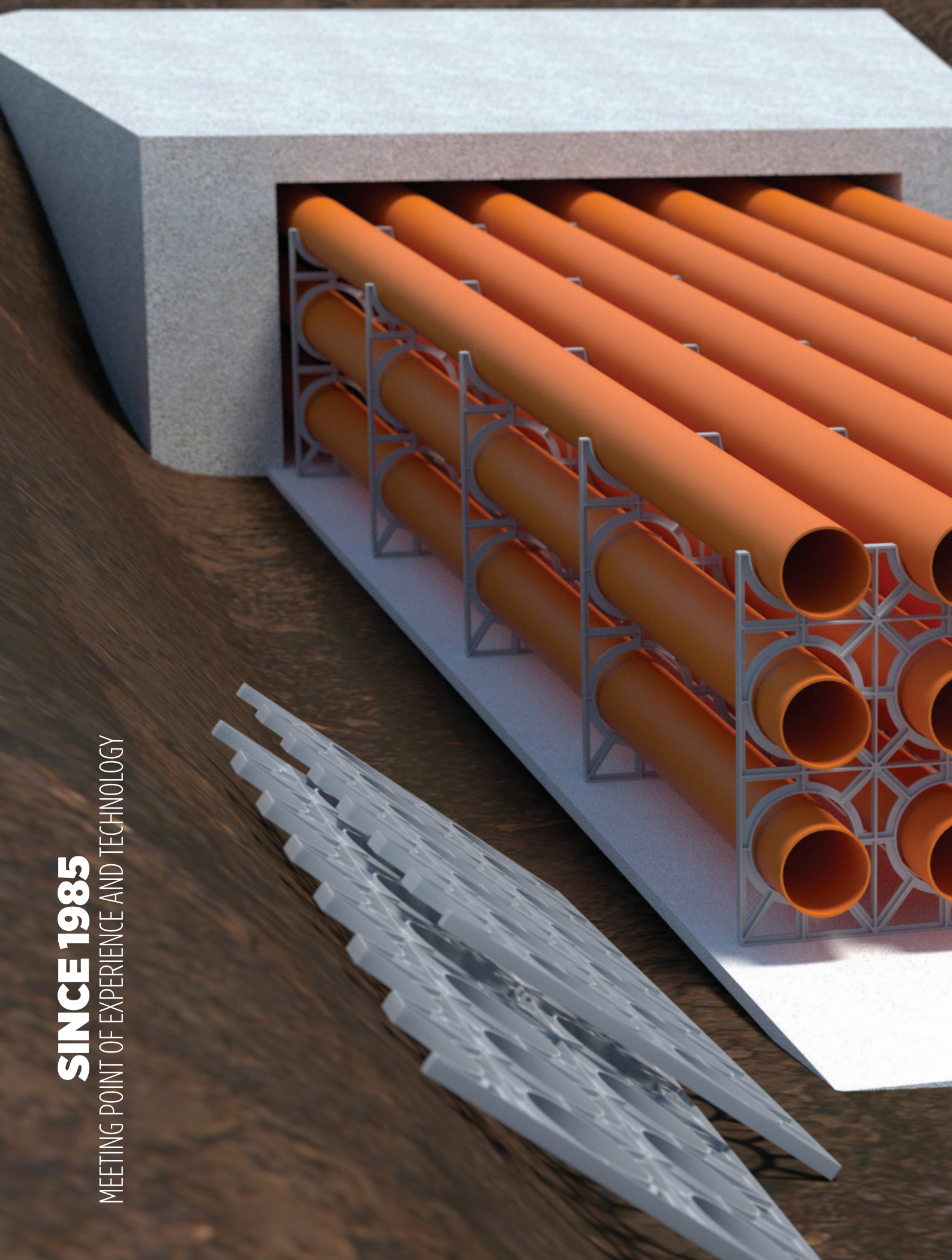


Duct Bank Application (İstanbul Grand Airport 2017)
Kablo Geçiř Boru Uygulaması (İstanbul Grand Airport 2017)



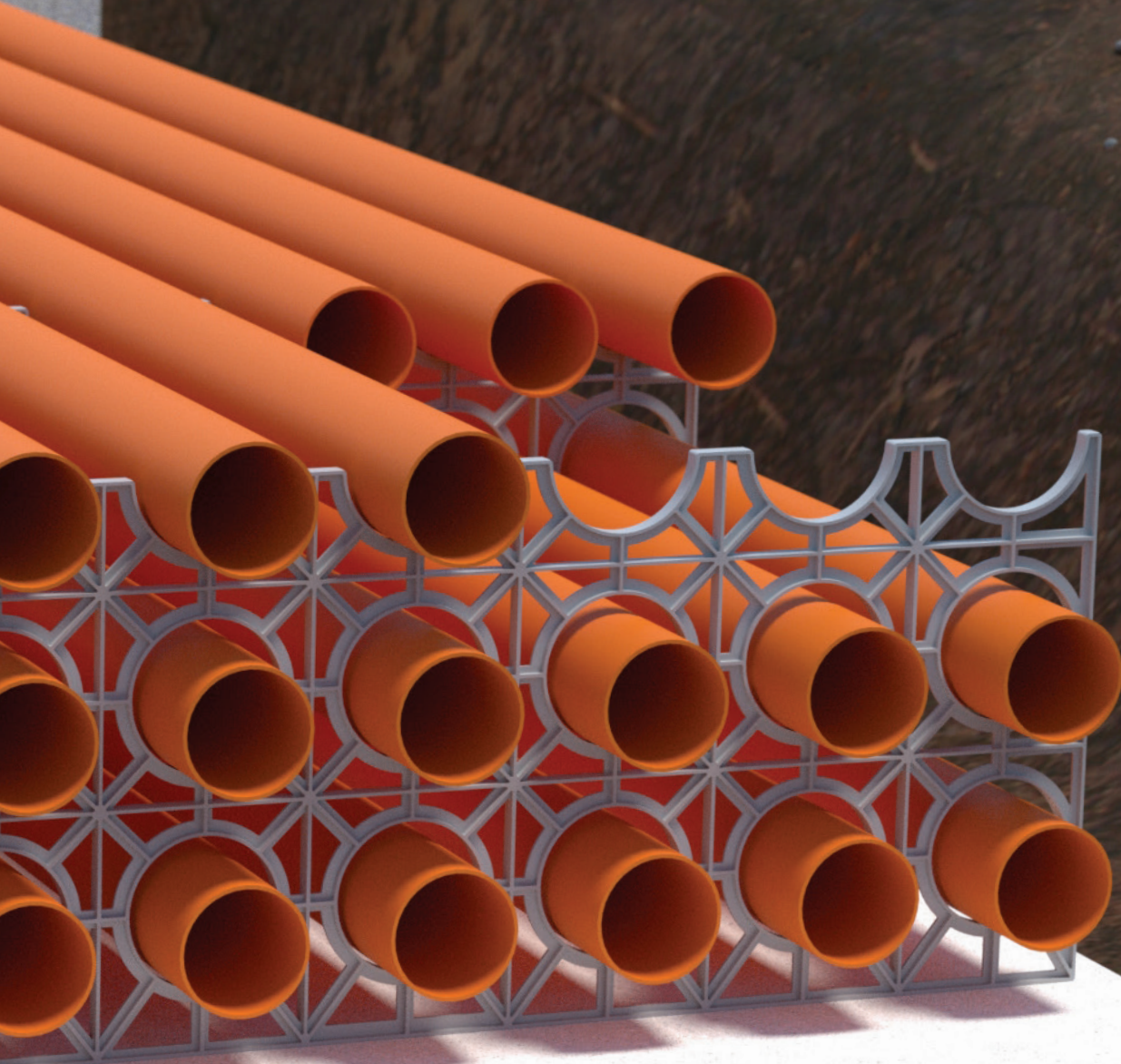
SINCE 1985

MEETING POINT OF EXPERIENCE AND TECHNOLOGY



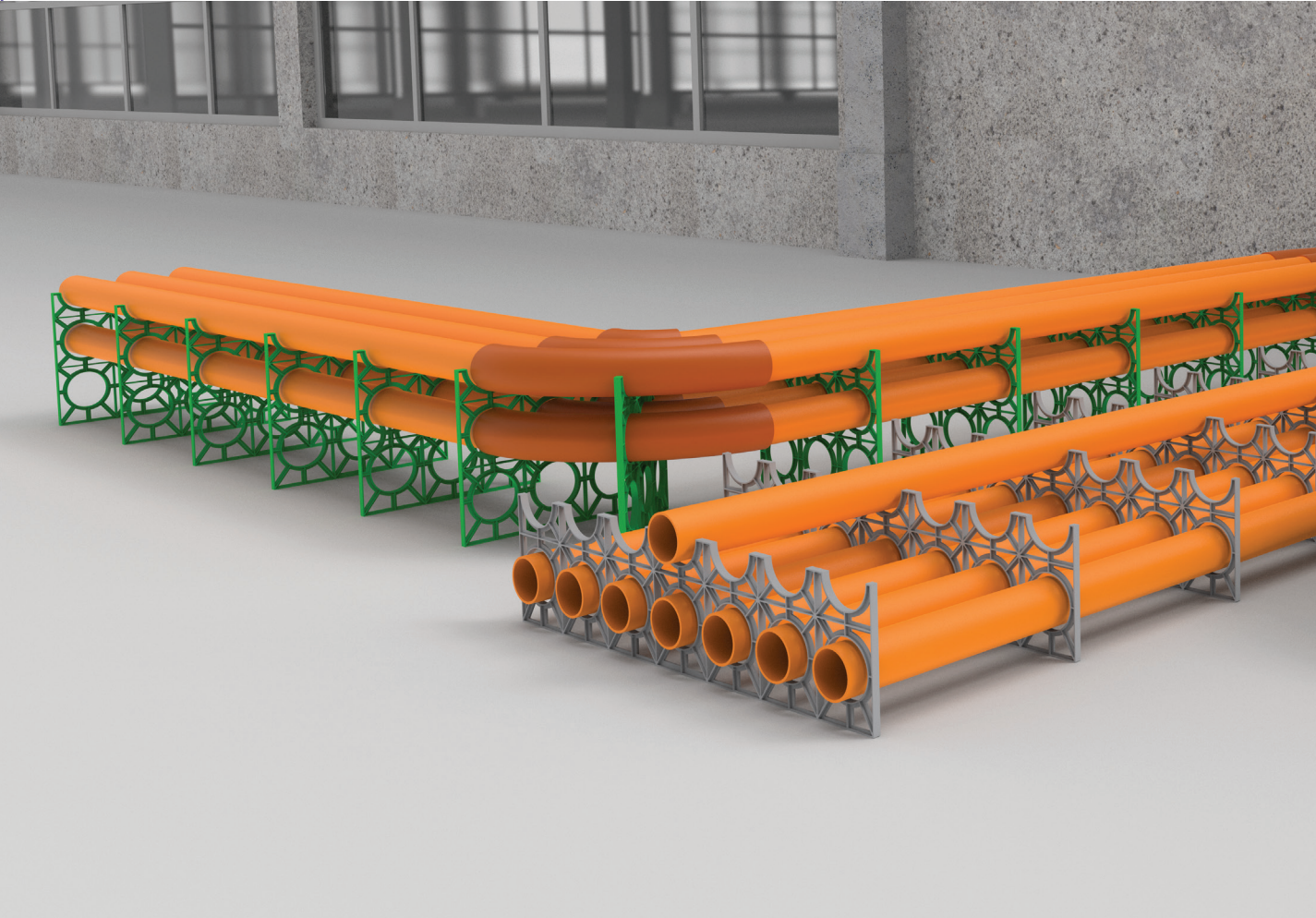
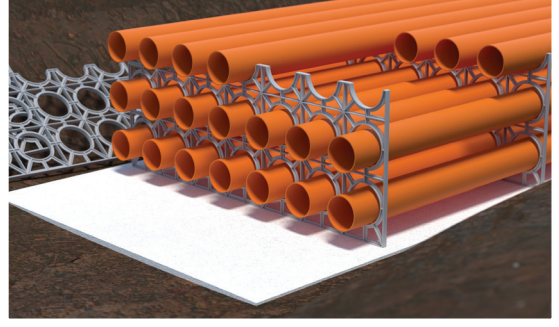
mono DUCT[®]

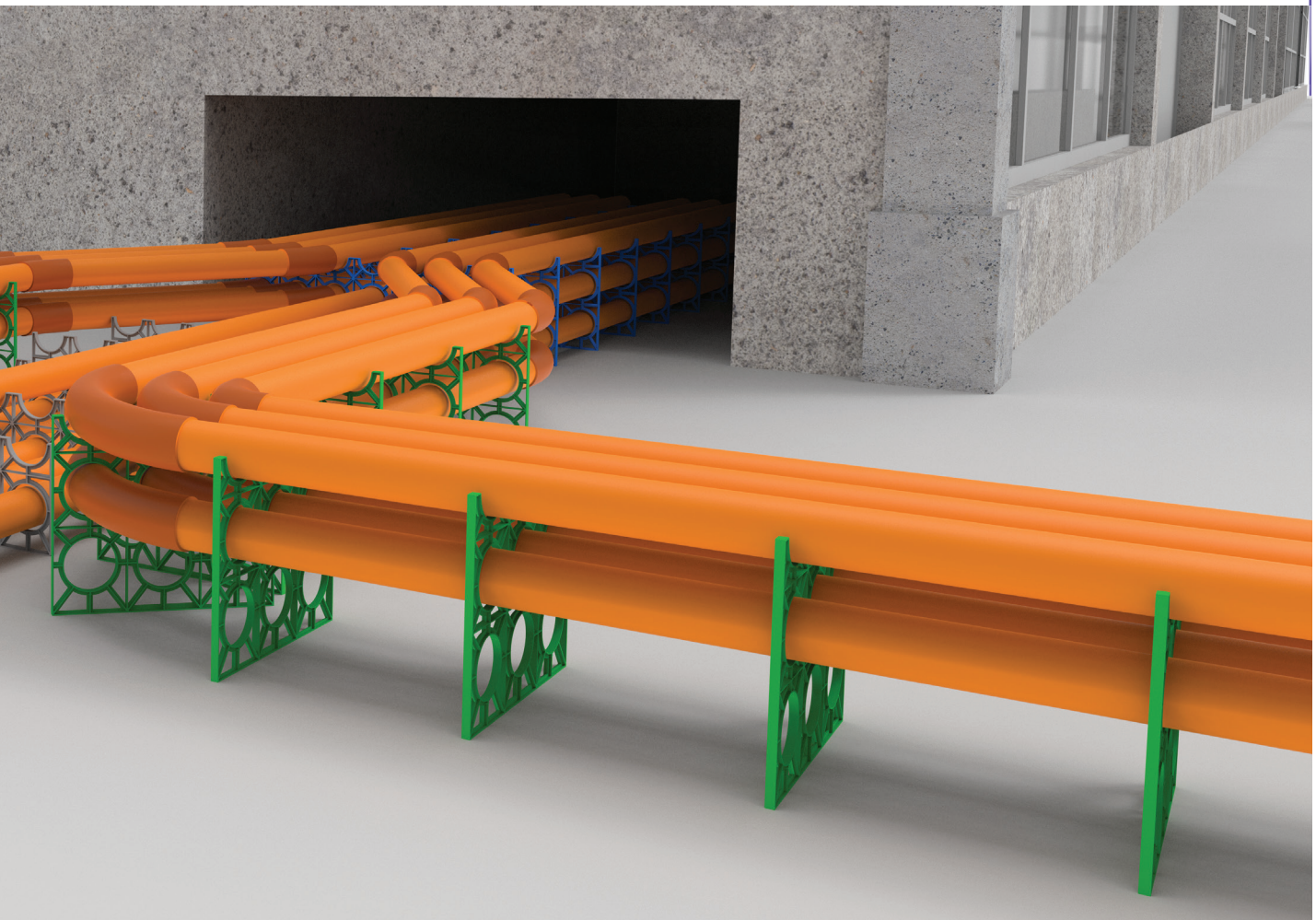
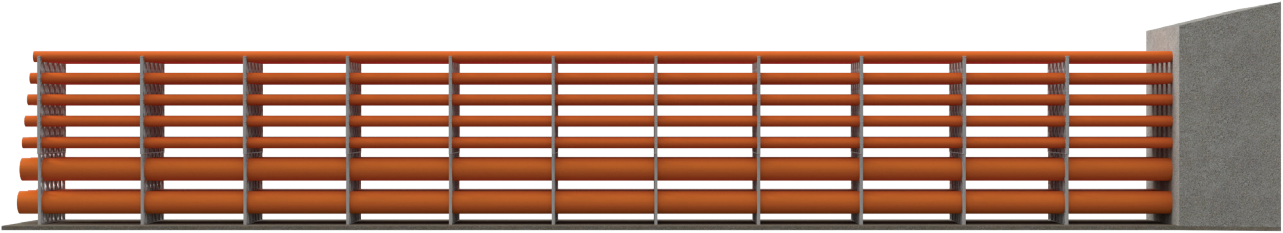
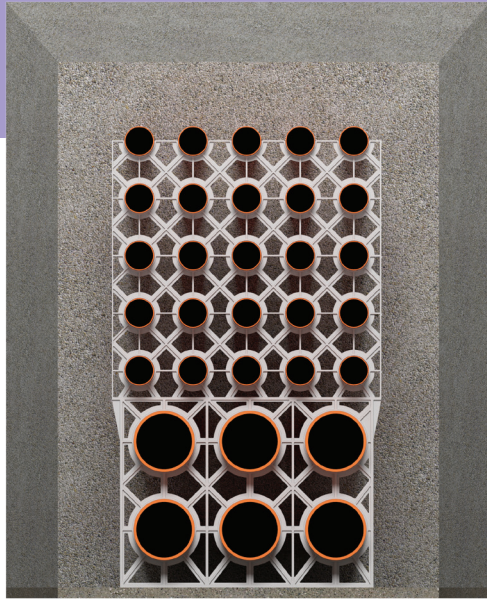
Mono Block Duct Spacer

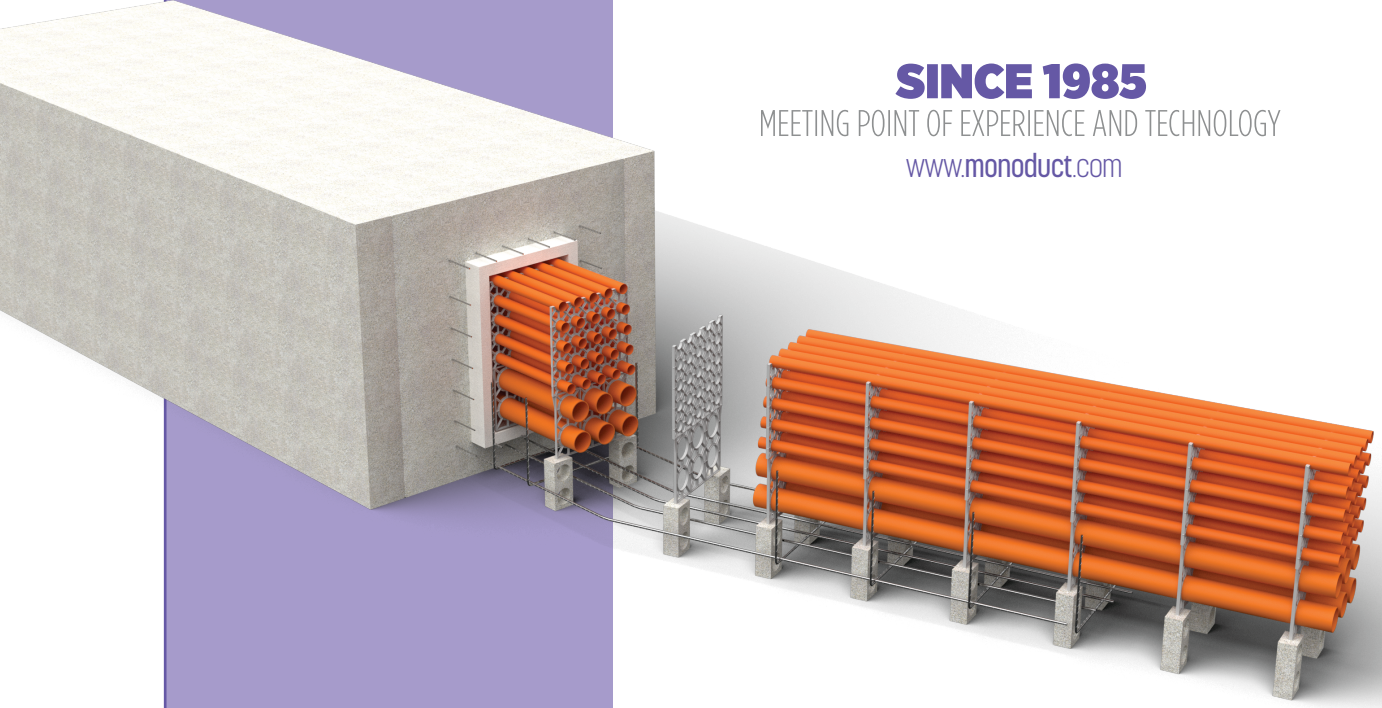


APPLICATION EXAMPLES

UYGULAMA ÖRNEKLERİ







SINCE 1985

MEETING POINT OF EXPERIENCE AND TECHNOLOGY

www.monoduct.com



GURBETÇİLER®

PLASTİK SANAYİ VE TİCARET A.Ş.

Aydınlı - KOSB Mahallesi
Tuzla Kimya Sanayicileri
Organize Sanayi Bölgesi
Melek Aras Bulvarı No.41
34953 Tuzla- İSTANBUL

444 2 472

info@gurbetciler.com.tr
satis@gurbetciler.com.tr

www.gurbetciler.com.tr

PASPAYI®
"MEETING POINT OF EXPERIENCE AND TECHNOLOGY"

YKK®
YORUM KALIP
"injection mold technologies"

geoankraj®
GROUND AND FOUNDATION ENGINEERING SYSTEMS

MONODUCT
Mono Block Duct Spacer

karoapp
PLASTIC ADJUSTABLE RAISED FLOORING PEDESTALS

REVAK
DISPOSABLE
FORMWORK
"we raise your expectations"

R
RAYTUT®
RAIL FASTENING SYSTEMS

TUNEL
SEGMENT
TUNNEL CONNECTION DOWELS

NOZUL
FILTRE
DRINKING WATER TREATMENT SYSTEMS