FAB-COB®

PIPE LINE TESTING EQUIPMENT
KANALİZASYON TEST EKİPMANLARI







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KAUÇUK'TA
30 YILLIK
TECRÜBE...

IN RUBBER
30 YEAR
EXPERIENCE...

ÇAĞ-TEK

PLASTİK LASTİK TEKSTİL KONFEKSİYON SAN. VE TİC. LTD. ŞTİ.

PREFACE

ÖNSÖZ

Since its foundation, ÇAĞ-TEK has acquired extensive knowledge in the technical conception and fabrication of elastomer tissues.

ÇAĞ-TEK supplies the market under the trade mark FAB-COB, with mass produced industrial accessories and develops tailor-made solutions based on customer requirements.

ÇAĞ-TEK sets high quality standards in technical attributes and prices as well as reliability in Ontime services.

Efficient interdisciplinary Project teams allow short evolution periods for complex technical product demands.

We produce high quality products:
- Flexible multi size pipe plug
- Flexible multi size pipe test plug
- Single size pipe plug
- Multi size pipe test plug with metal core
- Single size pipe test plug with metal core
- Multi size oval pipe test plug with metal core
- Multi size short packer with metal core
- Flexible multi size packer
- Liftingbag
- Roll Covering
- Duckbill Valve

Our experience in the elastomer industry for many years, lets us produce high quality products with reasonable prices.

ÇAĞ-TEK, kuruluş tarihinden itibaren mukavemeti yüksek bez ve kauçuk ihtiva eden teknik ürünler üretmektedir.

ÇAĞ-TEK, ürünlerini kendi bünyesindeki ekip arkadaşları ile tasarlamakta ve üretmektedir. Farklı endüstriyel isteklere, ölçülere cevap verecek şekilde üretimler yapabilmektedir. Bu ürünleri FAB-COB markası adı altında yurtiçi ve yurtdışı piyasaya sunmaktadır.

ÇAĞ-TEK, endüstriyel ürünleri yüksek kalite standartlarında olmasına rağmen fiyatları kalitesi ile ters orantılıdır.

Bünyesindeki dinamik ekip bütün kompleks ürünleri kaliteli ve fazla zaman harcamadan yapabilecek seviyededirler.

Şu anki yüksek kalitedeki ürünlerimiz;
- *Esnek, multiebat boru tıkama tapaları*
- *Esnek, multiebat boru test tapaları*
- *Tek ebat boru tapaları*
- *Multiebat metal aksamlı kanal test tapaları*
- *Tek ebat metal aksamlı kanal test tapaları*
- *Multiebat oval kanal test tapaları*
- *Multiebat kısa metalli kanal tamir körükleri*
- *Multiebat esnek by-pass'lı kanal tamir körükleri*
- *Hava yastıkları*
- *Silindir kauçuk kaplama*
- *Ördek Gagası Şeklinde Çek Valf*

Firma olarak kauçuk üzerindeki bilgi ve tecrübemiz; yüksek kalite ve uygun fiyatlarda teknik ürünler üretmemizi sağlamaktadır.

ÇAĞ-TEK

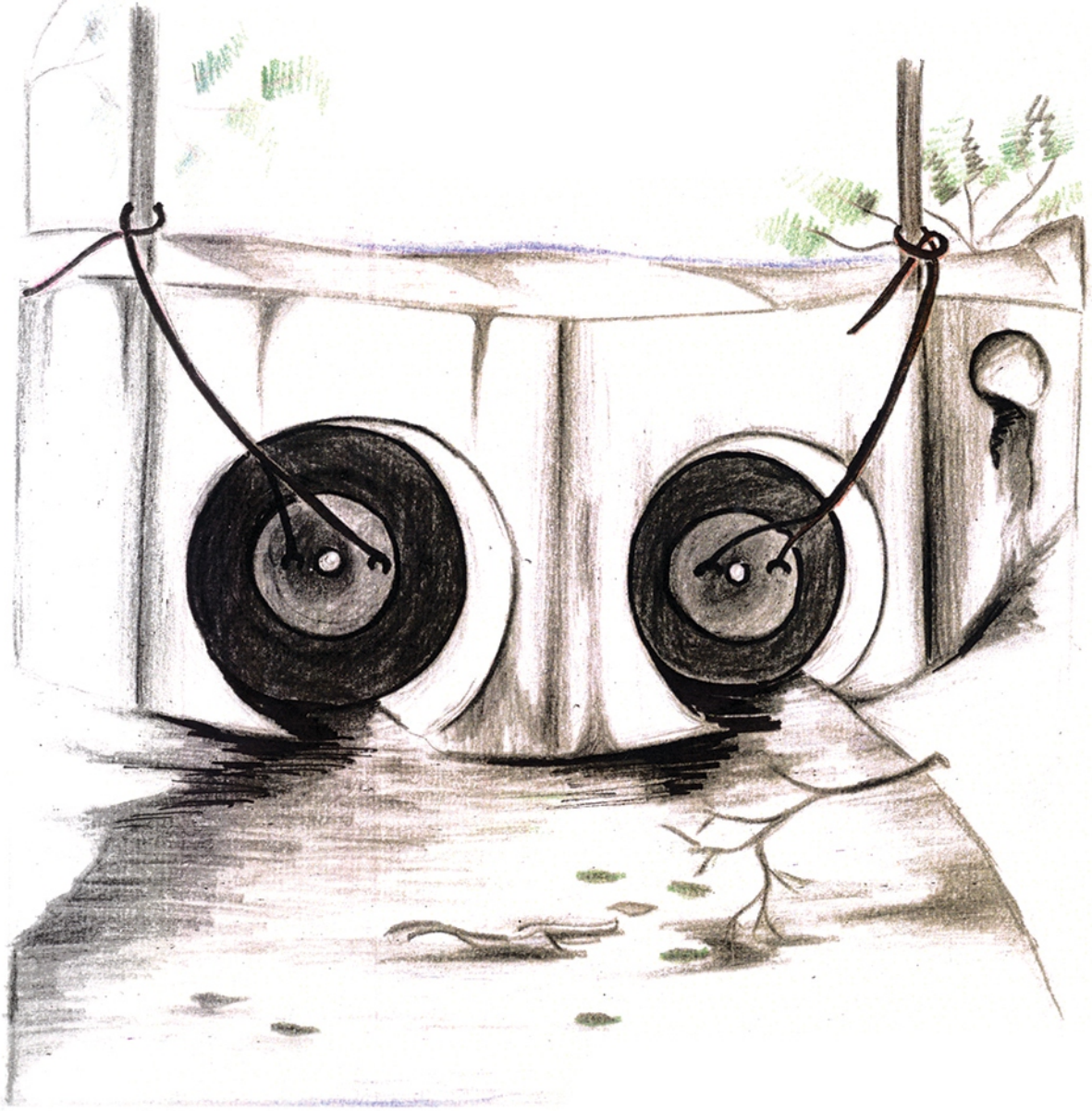
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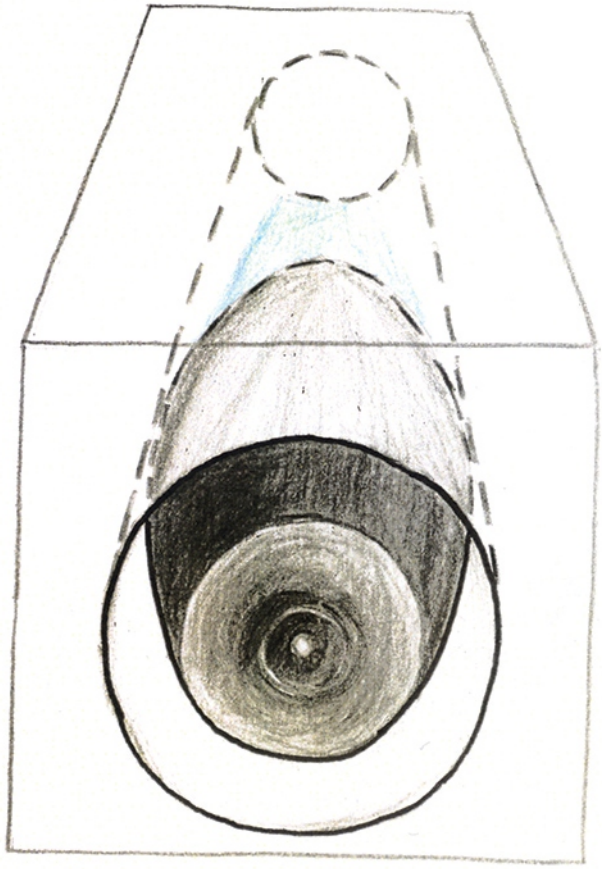
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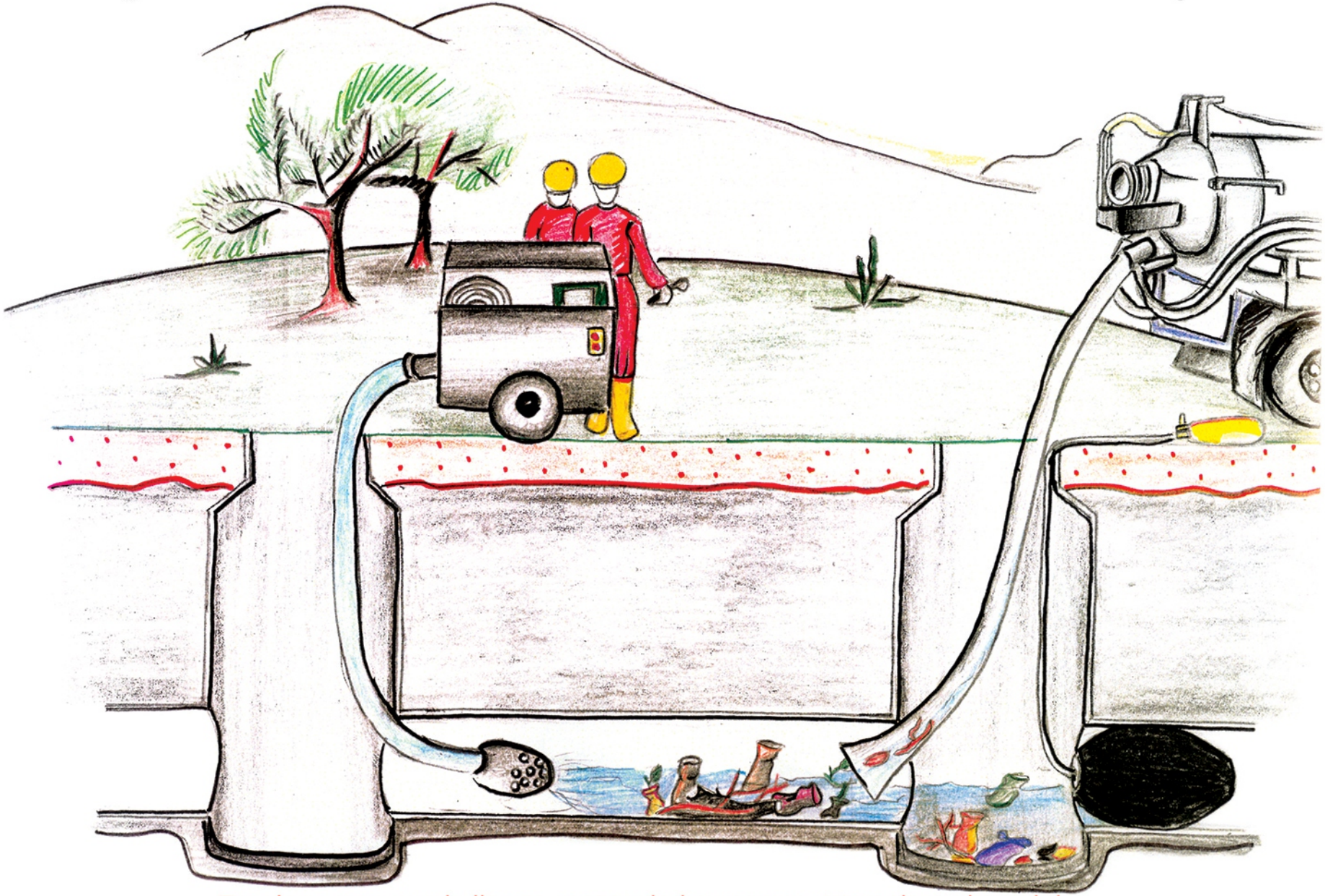




Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
Precoutions must be taken in order for the plugs not to shift during testing or use.

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Creating Waste Pool While Cleaning The Channel / *Kanal Temizlerken Atık Havuzu Oluşturmak*

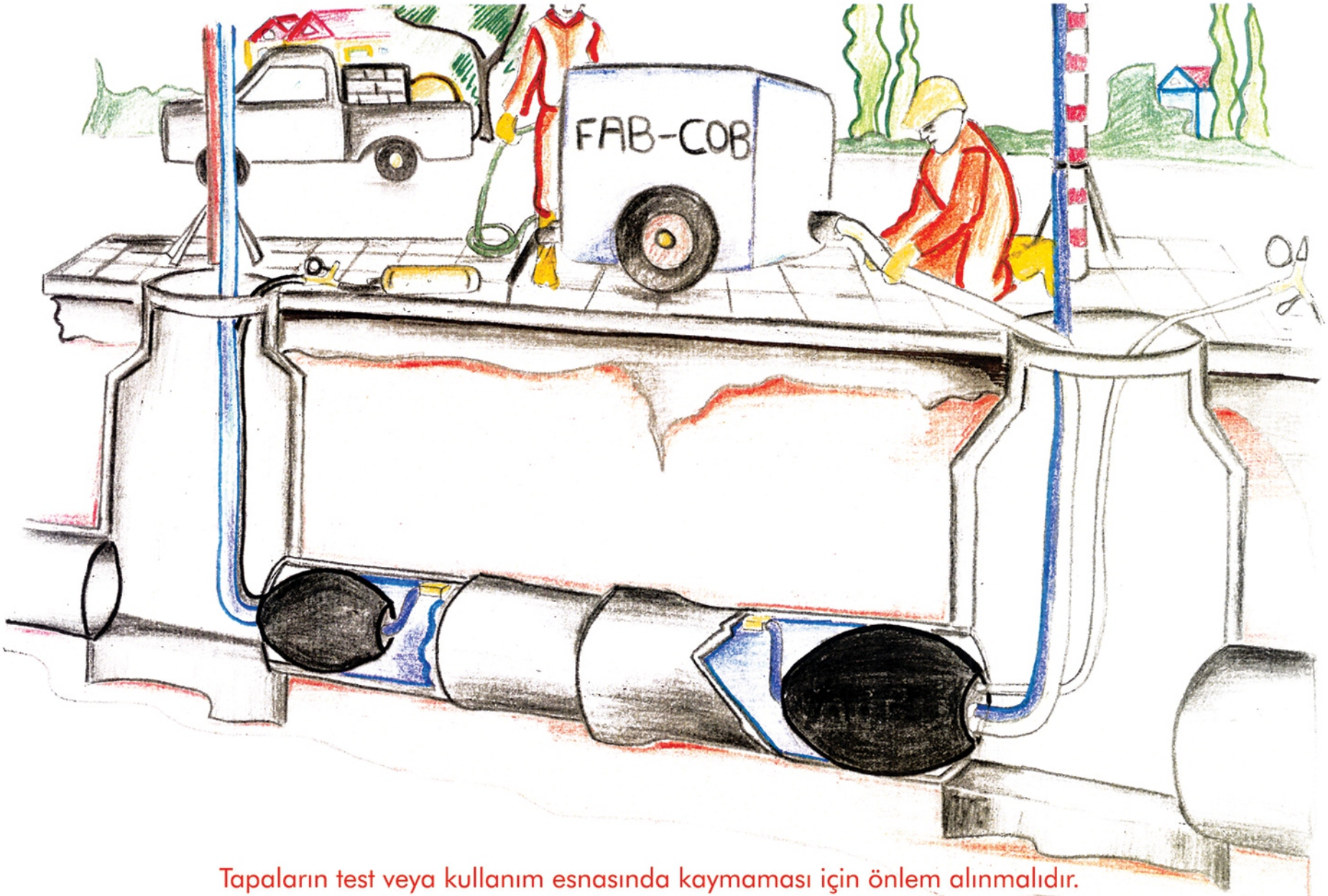


Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
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Testing Between Two Manholes By Water In Sewerage System Line EN 1610:1997

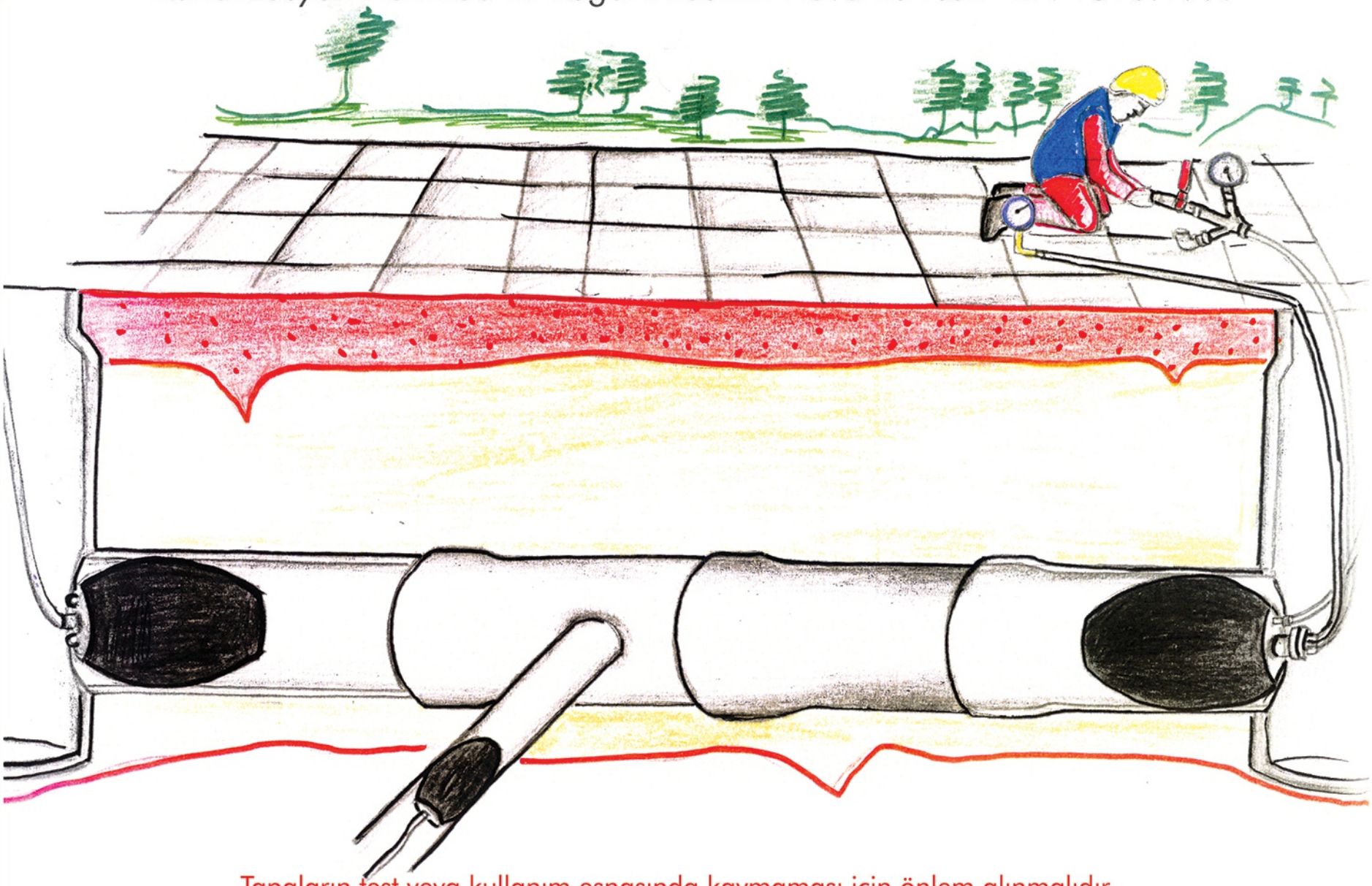
Kanalizasyon Hattında İki Rogar Arasının Su İle Testi EN 1610:1997



Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
Precoutions must be taken in order for the plugs not to shift during testing or use.

Testing Between Two Manholes By Air In Sewerage System Line EN 1610:1997

Kanalizasyon Hattında İki Rogar Arasının Hava İle Testi EN 1610:1997

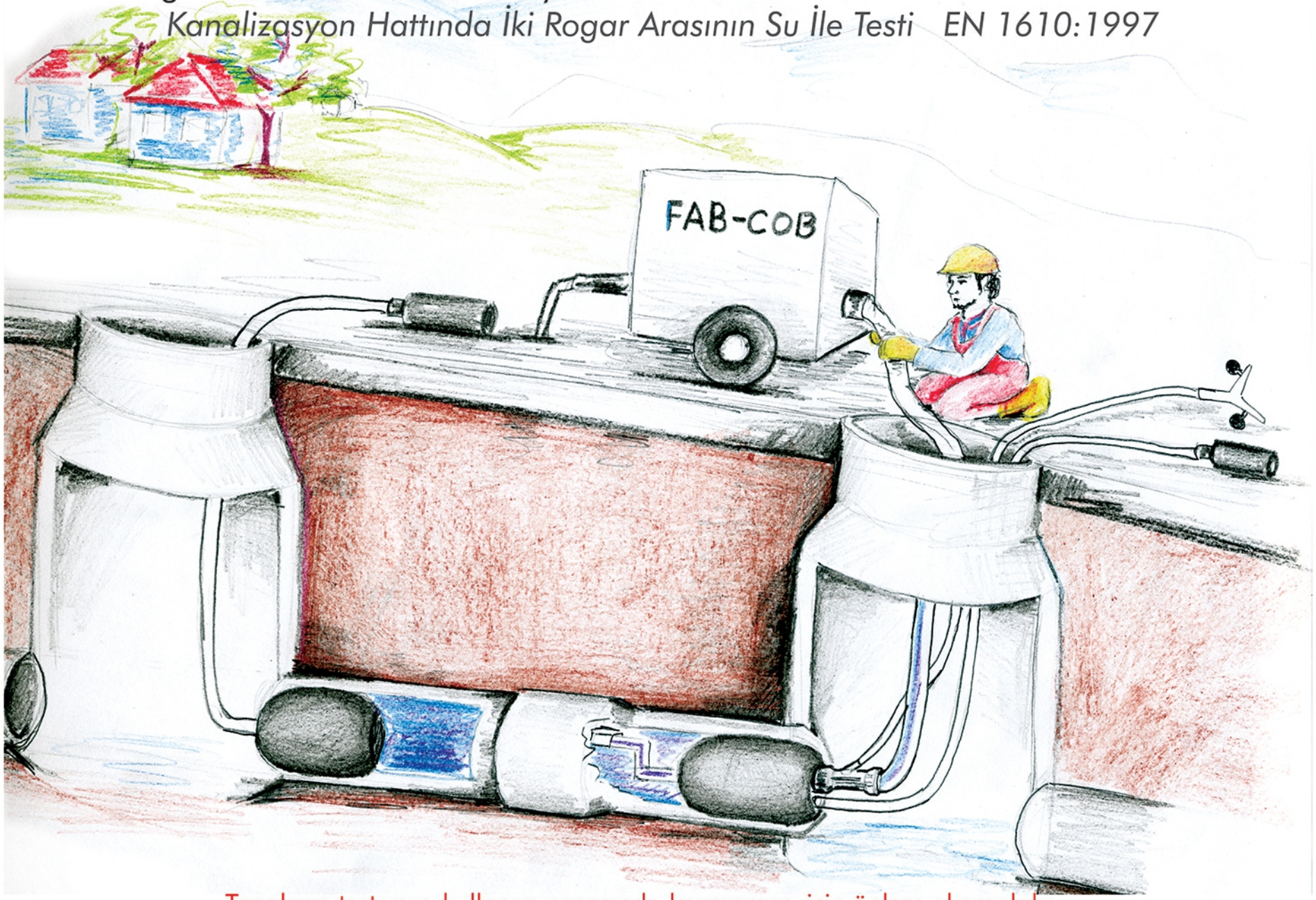


Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
Precoutions must be taken in order for the plugs not to shift during testing or use.

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Testing Between Two Manhole By Water With Air and/or Water EN 1610:1997

Kanalizasyon Hattında İki Rogar Arasının Su İle Testi EN 1610:1997



Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
Precoutions must be taken in order for the plugs not to shift during testing or use.

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Testing Between Two Manhole By Water With Two By-pass Plug EN 1610:1997

Kanalizasyon Hattında İki Rogar Arasının Su ve Tapa İle İki By-pass'lı Testi EN 1610:1997



Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
Precoutions must be taken in order for the plugs not to shift during testing or use.

Testing Between Two Manholes By Water Without Pressure

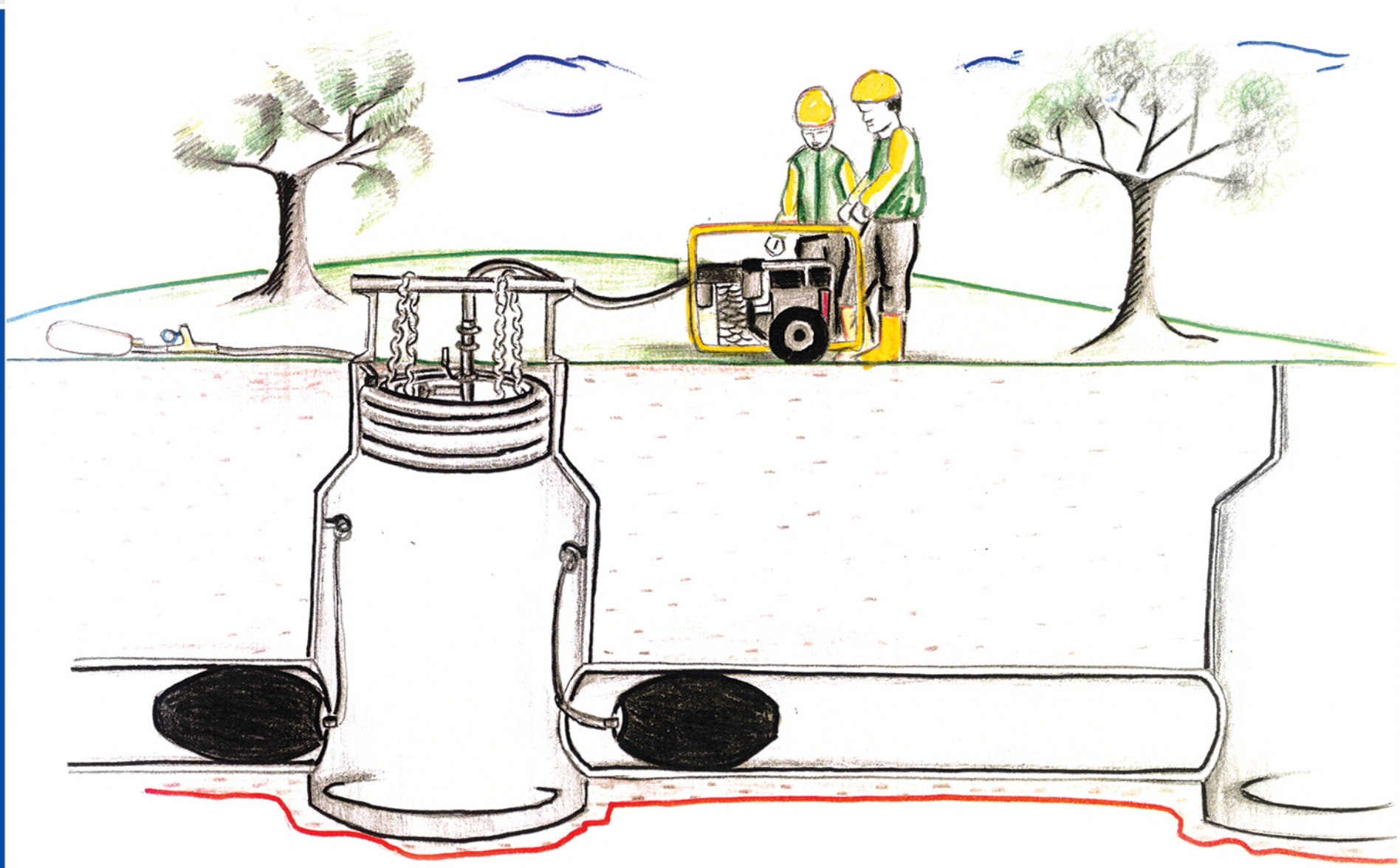
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Precoutions must be taken in order for the plugs not to shift during testing or use.

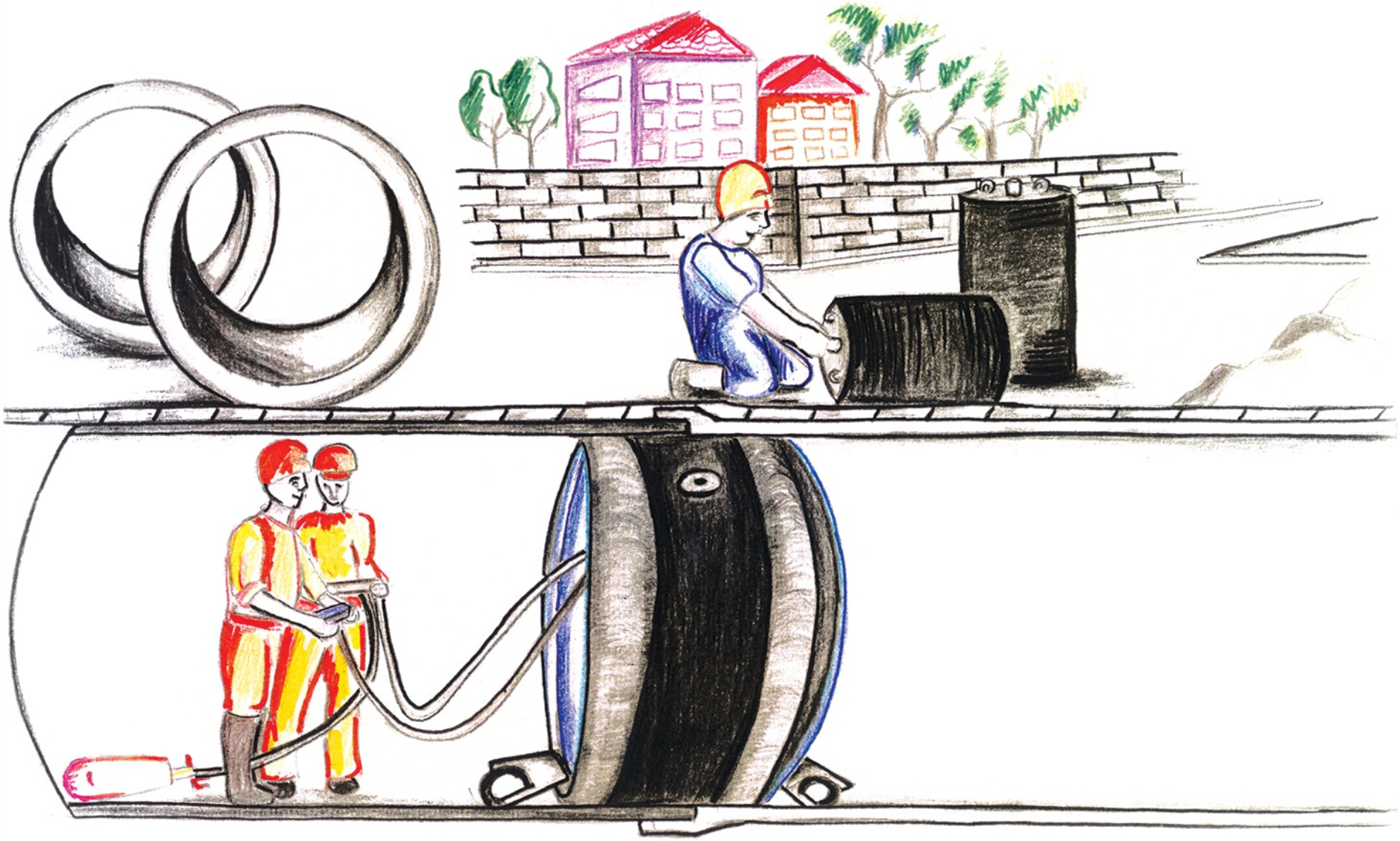
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Testing The Manhole By Air EN 1610:1997



Rogarın Hava İle Testi EN 1610:1997

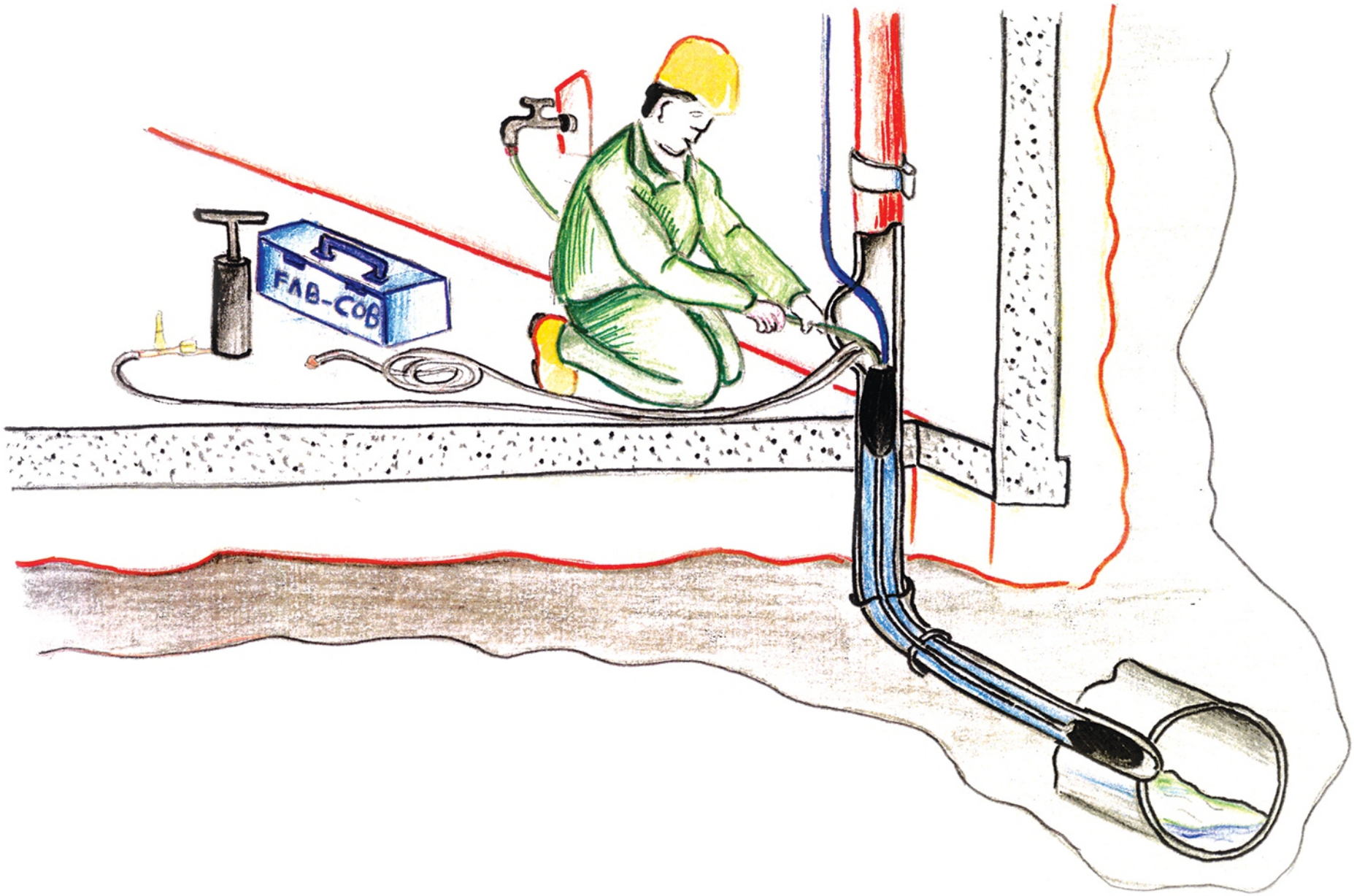
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Testing The Domestic Pipeline Up Too The Main Sewerage System By Air Or Water EN 1610:1997



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Making By Pass In The Sewerage System During Reparation

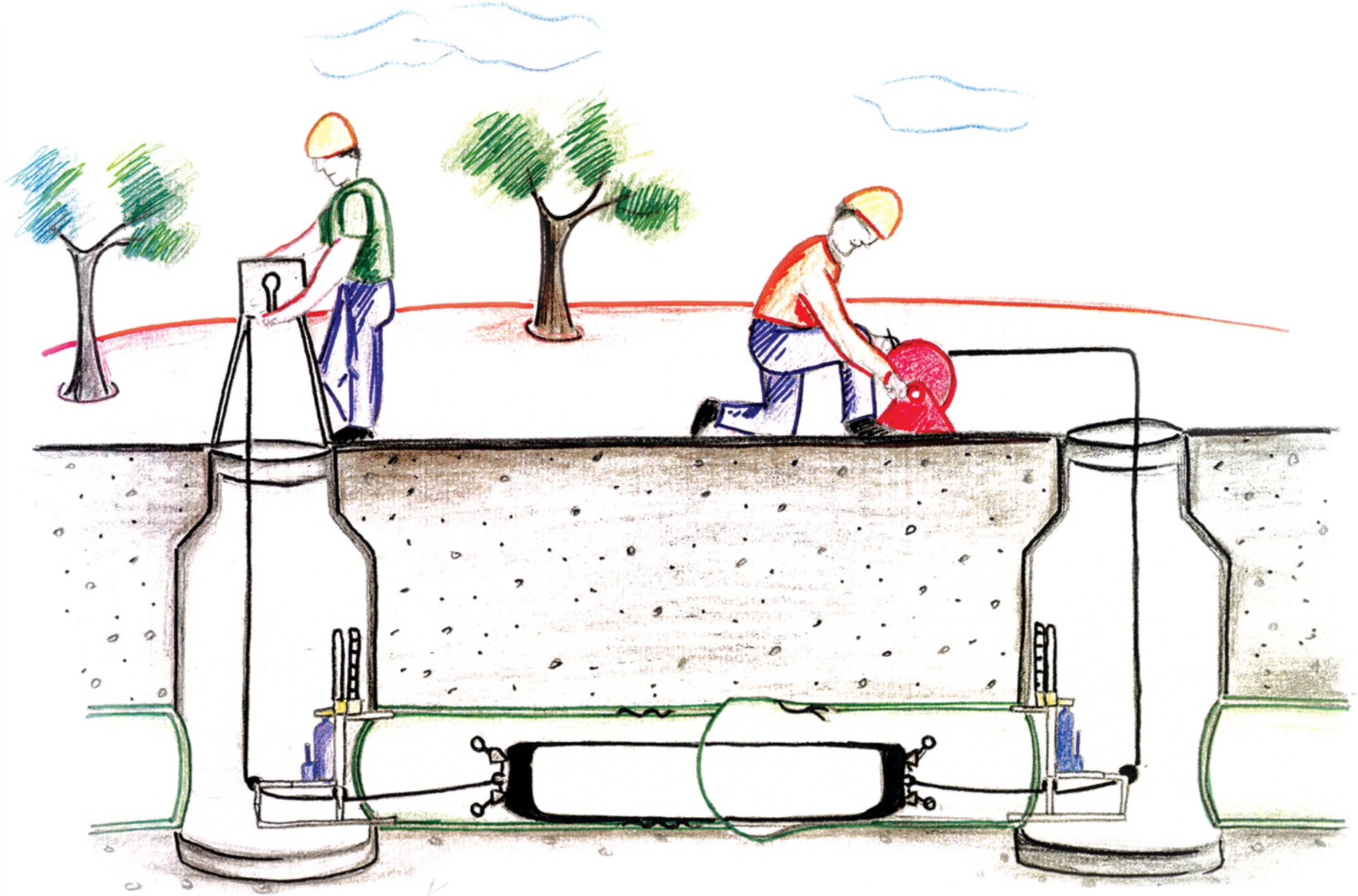
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Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.
Precoutions must be taken in order for the plugs not to shift during testing or use.

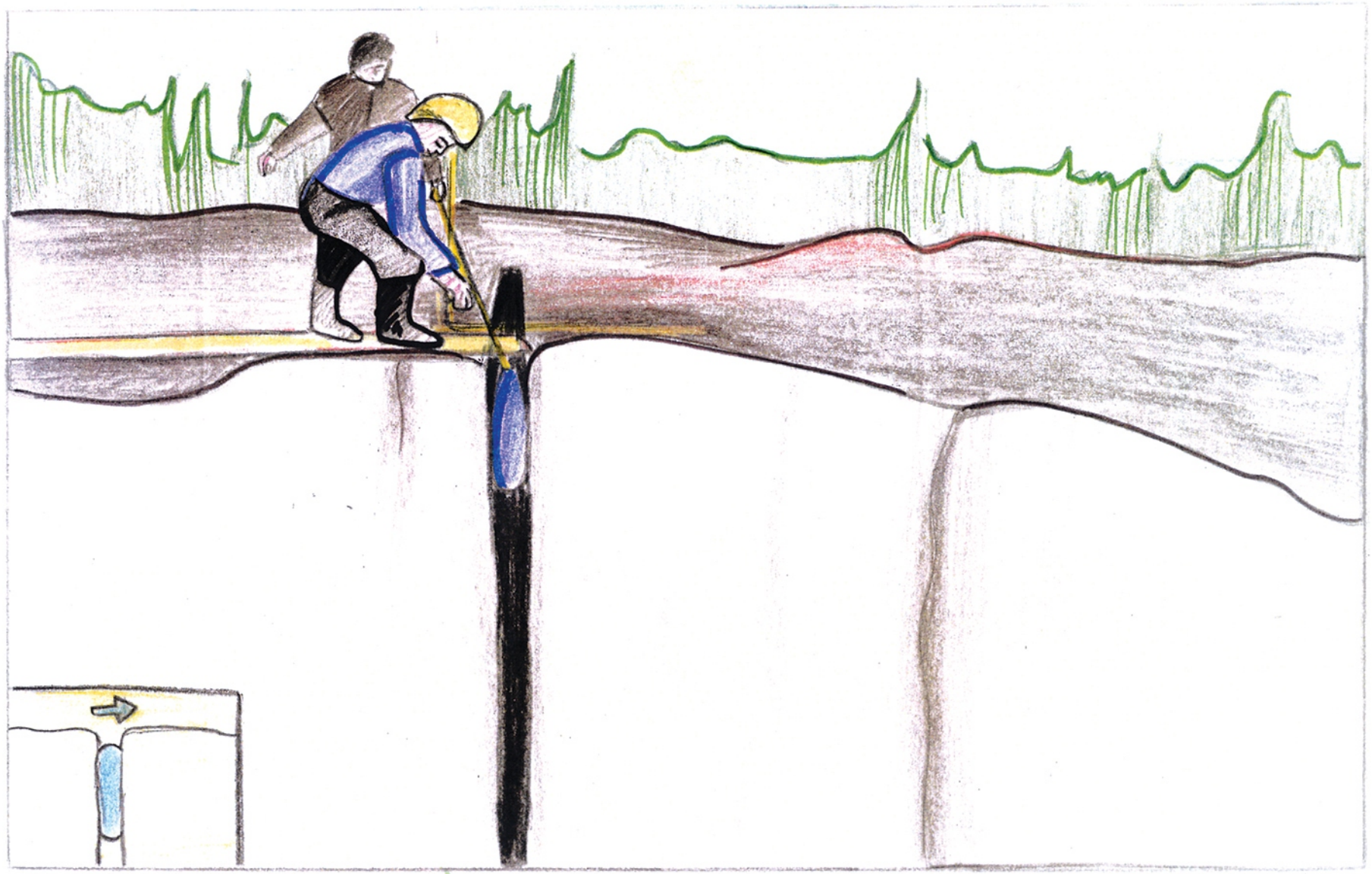
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Reparation Of Cracked Points In The Sewerage System By Packer



Kanalizasyon Hattında Çatlak Yerlerin Packer İle Tamiratı

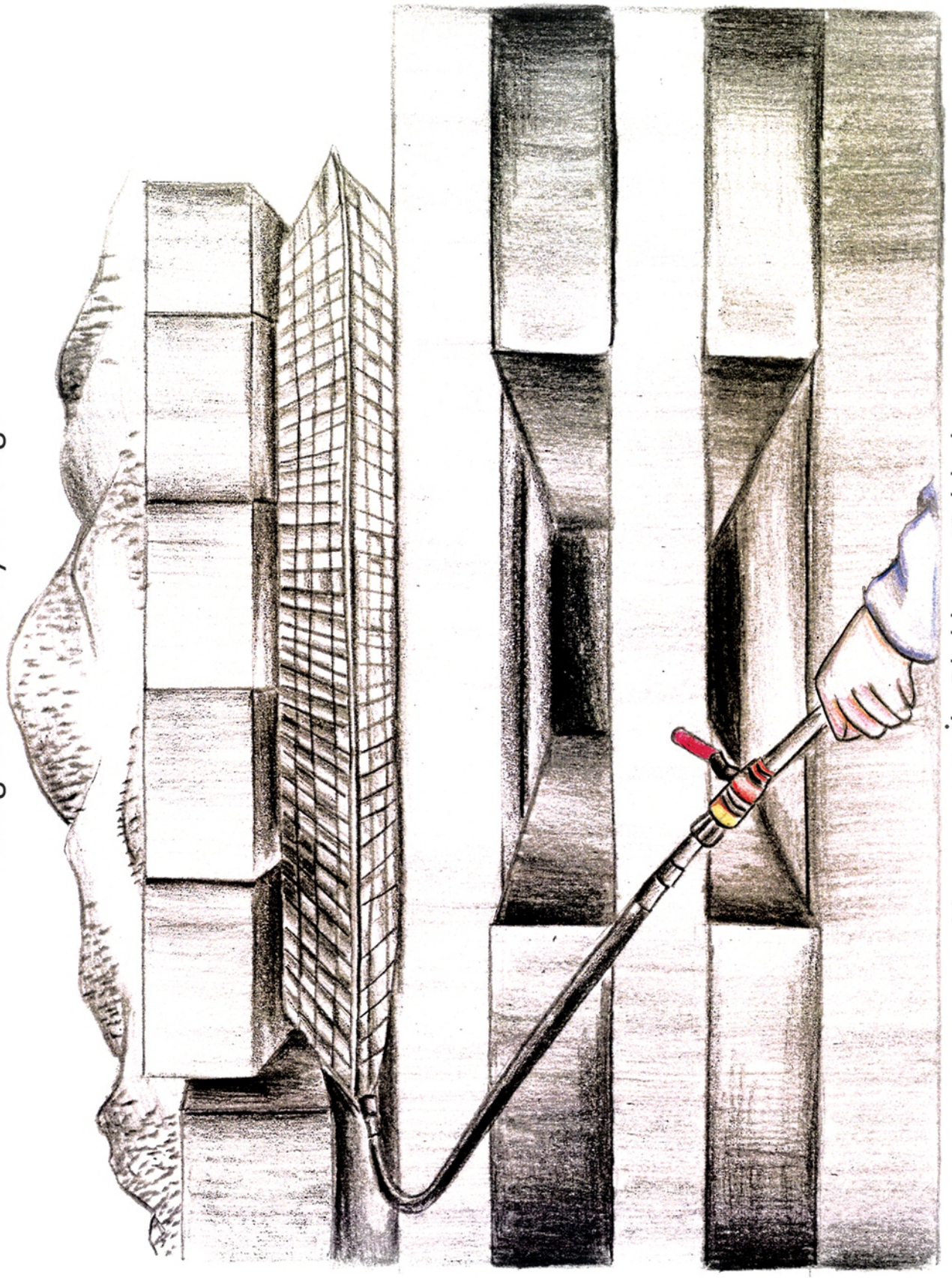
Overturning The Marble Blocks By Air Bags



Mermer Blokların Hava Yastığı İle Devrilmesi

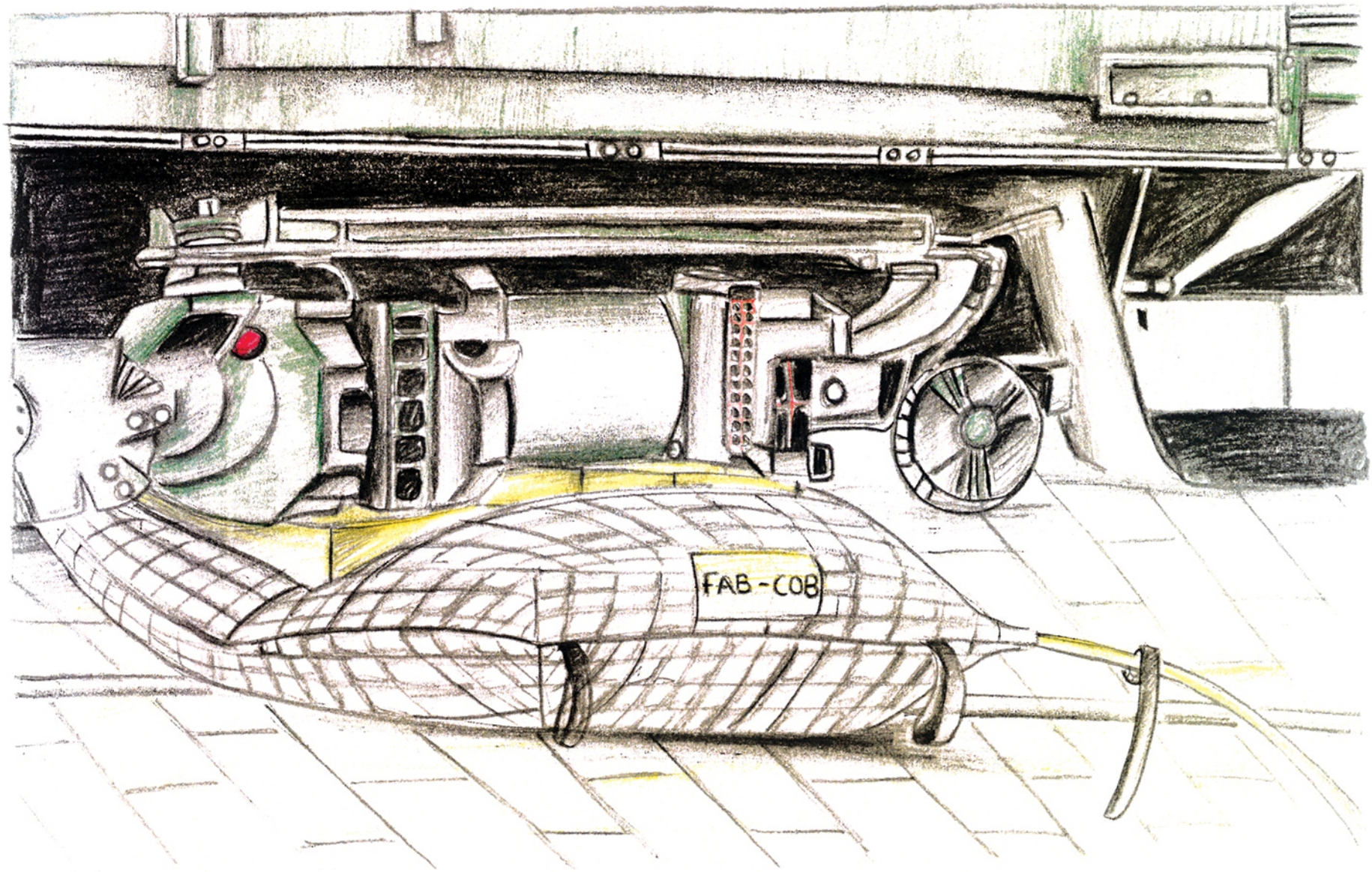
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Lifting The Blocks By Air Bags



Havayastığı İle Blokların Kaldırılması

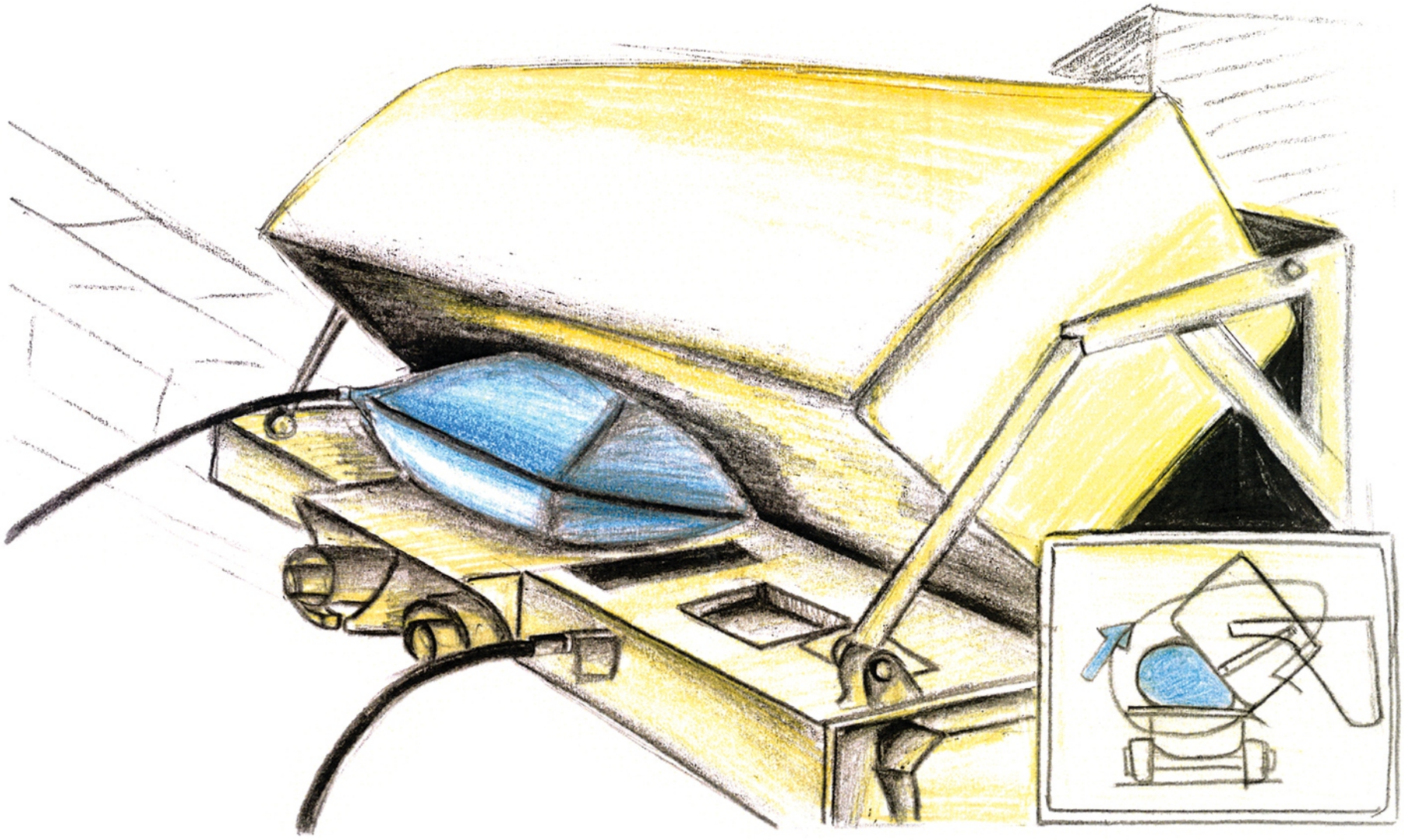
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Trenin Havayastığı İle Raydan Kaydırılması

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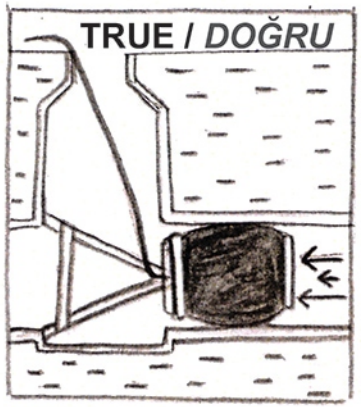
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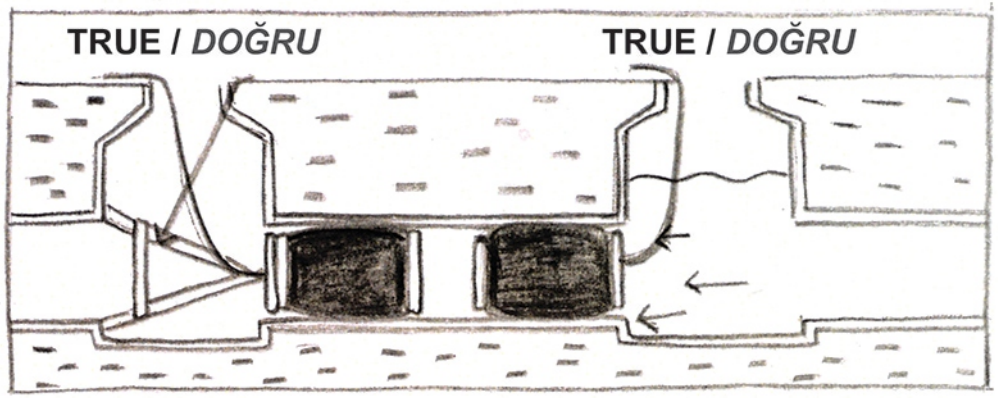


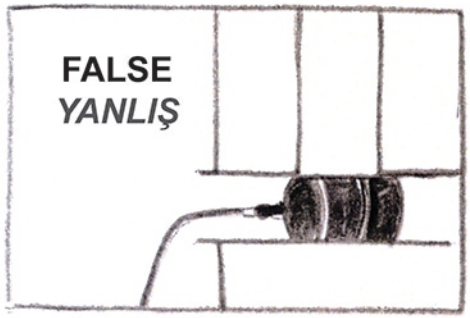
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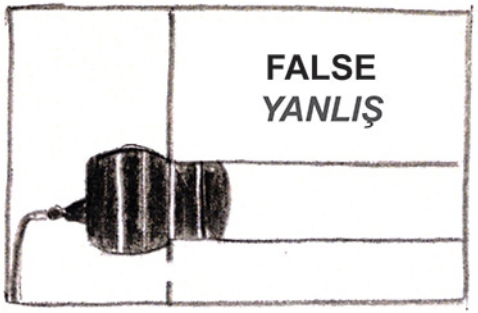
Issues To Take Into Consideration When Using Stopper



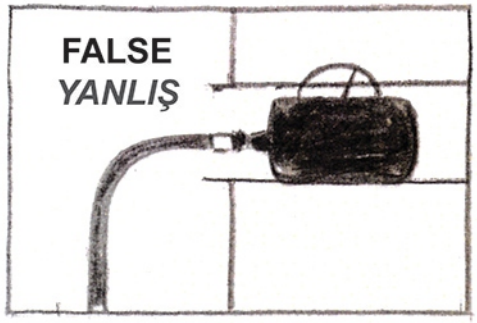


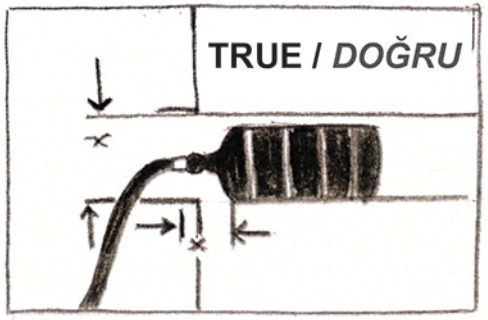


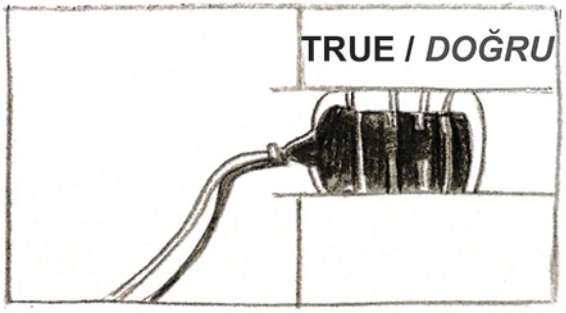












Tapa Kullanımında Dikkat Edilecek Hususlar

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ROLL COVERING

SİLİNDİR KAUÇUK KAPLAMA

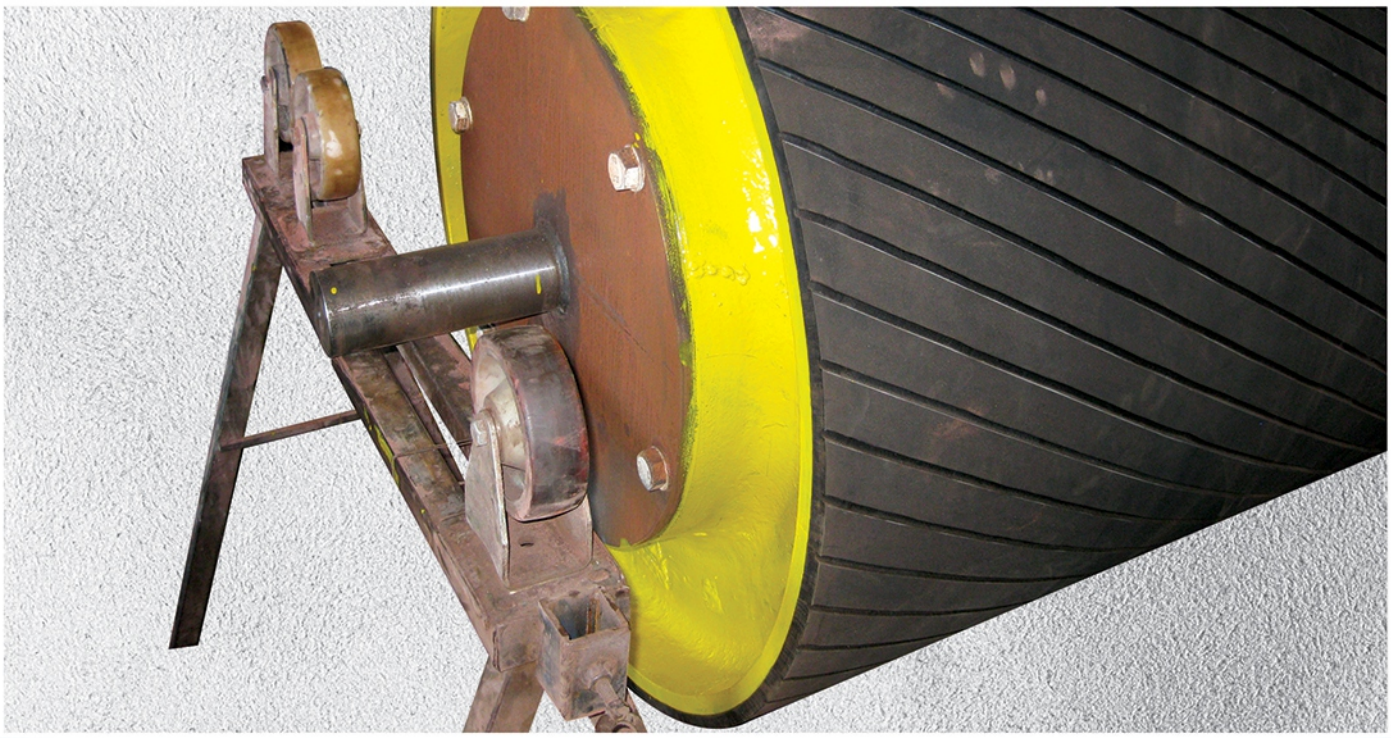
* IF THE SUBJECT IS COATING CYLINDERS ÇAĞ-TEK IS THE BEST PARTNER FOR YOU.

* UNDER THE LIGHT OF OUR EXPERIENCES WHICH WE HAVE ACQUIRED IN AND OUT OF THE COUNTRY IN RESPECT WITH CYLINDER COATING, WE HAVE BEEN OPERATING FOR THE COATING SECTOR, UNDER THE BRAND TITLE FAB-COB;

- RUBBER MANUFACTURING,
- RE & DE STUDIES UPON SPECIAL DEMANDS,
- MANUFACTURING OF RUBBER COATED COMPLETE CYLINDER,
- GRINDING PROCESS IN CONVEX - CONCAVE AND IN ANY DEMANDED (Ra) ROUGHNESS VALUE,
- PROCESSES WITH PROFILES AND PRIVATE PROCESSES TOWARDS CUSTOMER DEMANDS.

* IN CYLINDER COATING SECTOR ; HIGH LINEAR PRESSURE, TEMPERATURE, VAPOUR, ALKALINE LIQUID, OVER OXIDATION, AND MANY CHEMICALS FORCE THE RUBBER COATING UP TO THE TOP LIMITS.

* ÇAĞ-TEK IS EXPERT IN CYLINDERS IN PAPER SECTOR, TEXTILE, IRON-STEEL, PACKAGE SUBJECT.



ROLL COVERING

SİLİNDİR KAUÇUK KAPLAMA

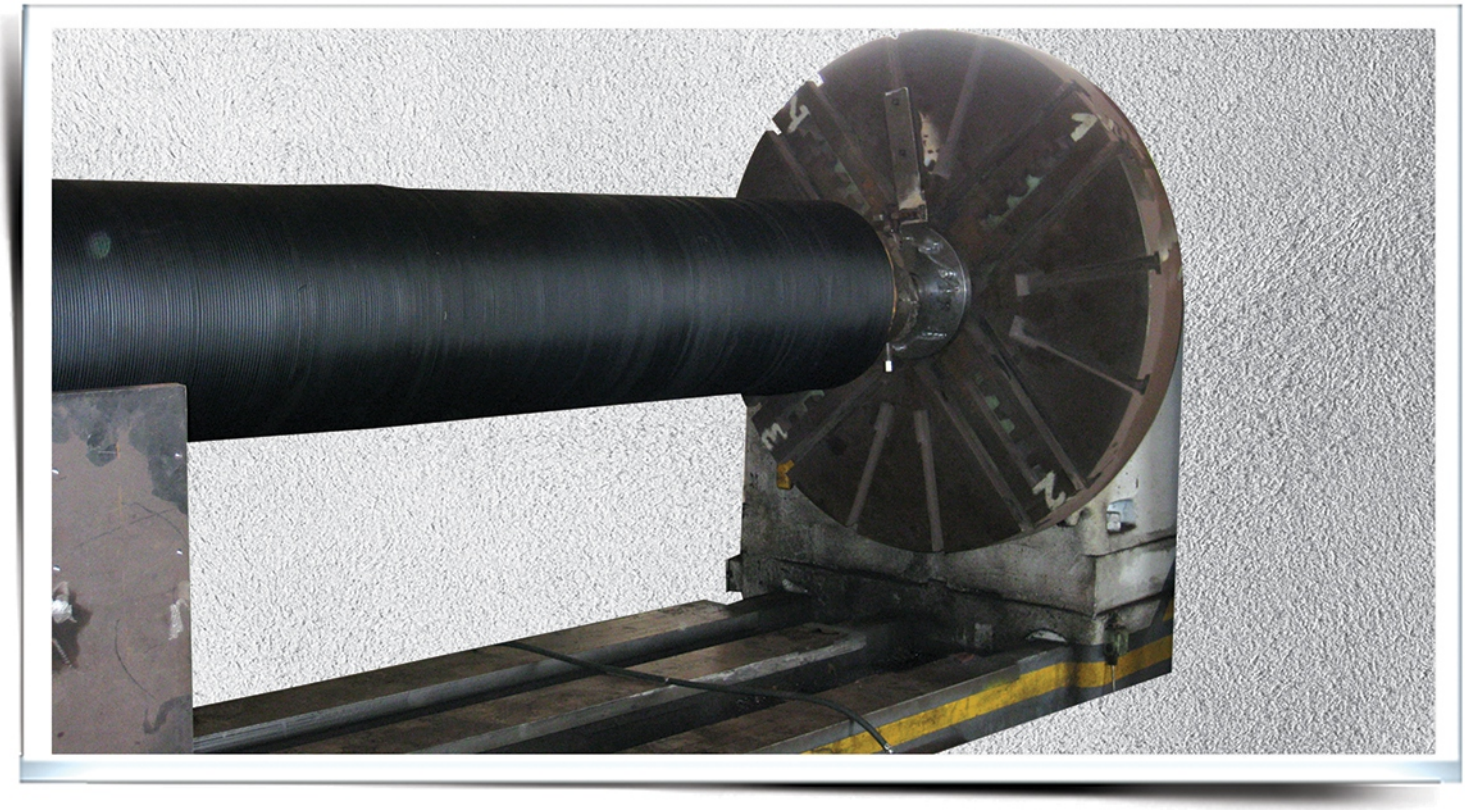
** KONU KAUÇUK KAPLAMALI SİLİNDİRLER İSE ÇAĞ-TEK SİZİN İÇİN EN DOĞRU PARTNERDİR.*

** SİLİNDİR KAPLAMA KONUSUNDA YURT İÇİ VE YURT DIŞINDA ELDE ETTİĞİMİZ TECRÜBELERİMİZ IŞIĞINDA SİLİNDİR KAPLAMA SEKTÖRÜNE FAB-COB MARKASI ADI ALTINDA;*

- KAUÇUK İMALATI,
- ÖZEL İSTEKLER DOĞRULTUSUNDA AR-GE ÇALIŞMALARI,
- KAUÇUK KAPLAMALI KOMPLE SİLİNDİR İMALATI,
- KONVEX-KONKAV VE İSTENİLEN (Ra) PÜRÜZLÜK DEĞERİNDE TAŞLAMA İŞLEMLERİ,
- PROFİLLİ VE MÜŞTERİ İSTEKLERİ DOĞRULTUSUNDA ÖZEL İŞLEMLER.

** SİLİNDİR KAPLAMA SEKTÖRÜNDE; YÜKSEK ÇİZGİSEL BASINÇ, SICAKLIK, BUHAR, ALKALİK SIVI, AŞIRI OKSİDASYON VE BİRÇOK KİMYASALLAR KAUÇUK KAPLAMAYI ÜST SINIRLARINA KADAR ZORLAR.*

** TEKSTİL, DEMİR-ÇELİK, AMBALAJ, KAĞIT SEKTÖRÜ SİLİNDİRLERİ KONUSUNDA ÇAĞ-TEK UZMANDIR.*



MULTİ EBAT KANAL TIKAMA TAPASI 1,5 VE 1,0 BAR

MULTI SIZE PIPE PLUG 1,5 AND 1,0 BAR



THESE TYPE OF PIPE PLUGS CAN BE MADE IN NBR, CR OR EPDM ACCORDING TO CUSTOMER NEEDS

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
Ab50100	50 - 100	45	100	1,5	45	330	0,4
AB70150	70 - 150	70	150	1,5	64	370	0,6
AB100200	100 - 200	100	200	1,5	88	550	1,0
AB150300	150 - 300	150	300	1,5	138	550	1,2
AB200400	200 - 400	200	400	1,5	185	650	3,4
AB200500	200 - 500	200	500	1,5	185	800	3,7
AB300600	300 - 600	300	600	1,5	285	850	6,6
AB375750	375 - 750	375	750	1,5	360	1000	9,4
AB5001000	500 - 1000	500	1000	1,5	485	1150	21,3
AB6001200	600 - 1200	600	1200	1,5	585	1300	25,5
AB6001600	600 - 1600	600	1600	1,0	575	1900	35,5
AB8001200	800 - 1200	800	1200	1,5	780	1200	40,0
AB8001600	800 - 1600	800	1600	1,5	780	1600	46,0
AB8002000	800 - 2200	800	2200	1,0	790	3200	75,0

MULTİ EBAT KANAL TIKAMA TAPASI 1,5 VE 1,0 BAR

MULTI SIZE PIPE PLUG 1,5 AND 1,0 BAR

BACK PRESSURE IN DRY PIPE (BAR) / ARKA BASINÇ KURU ÇELİK BORU İÇİNDE

Pipe Diameter *Boru Çapı (mm)*	70	100	150	200	250	300	350	400	500	600	700	800	900	1000	1200
35 - 70	0,5														
50 - 100	1,0	0,5													
70 - 150	1,0	0,75	0,5												
100 - 200		1,0	0,75	0,5											
150 - 300			1,0	0,8	0,7	0,5									
200 - 400				1,0	0,8	0,7	0,6	0,5							
200 - 500				1,0	0,9	0,8	0,7	0,6	0,5						
300 - 600						1,0	0,8	0,75	0,6	0,5					
375 - 750								1,2	0,9	0,7	0,6				
500 - 1000									1,0	0,9	0,8	0,7	0,6	0,5	
600 - 1200										1,0	0,9	0,8	0,7	0,6	0,5

Pipe Diameter *Boru Çapı (mm)*	500	600	700	800	900	1000	1200	1300	1400	1500	1600
500 - 1200	1,2	1,1	1,0	0,80	0,70	0,60	0,5				
500 - 1400	1,2	1,1	1,0	0,9	0,80	0,85	0,70	0,60	0,50		
600 - 1600		1,1	1,0	0,95	0,9	0,85	0,80	0,75	0,7	0,6	0,5

Pipe Diameter *Boru Çapı (mm)*	80	90	100	120	140	160	180	200	220	240	260	280	300
800 - 2000	1,2	1,10	1,00	0,90	0,80	0,70	0,60	0,5					
1200 - 3000				0,70	0,60	0,55	0,50	0,45	0,40	0,45	0,30	0,35	0,30

Designed for a fast and reliable sealing, canals blocking, pipes, joints and inlets. Mainly used for repairs, technical support, accidents and when tested with water or air. Pipe plugs are made with high quality NR/SBR rubber with a textile cover. Environmentally resistant to temperatures from -40 to 70 ° C and high resistance to chemicals. Standard series of plugs are available in a range of diameters from 20 to 3600 mm.

MULTI SIZE PIPE PLUGS 2,5 BAR

MULTİ EBAT KANAL TIKAMA TAPASI 2,5 BAR



These plugs are molded of special NR-SRB rubber, reinforced with Kevlar tire cording. The working pressure of all plugs is tested three times to ensure durability and safety. Due to their light weight and short length, pipe plugs are easy to handle even in large diameter sizes. Available in multi-size versions for pipes from 35 to 1200mm in diameter. All plugs are equipped with quick-connect couplings and nipples. Reinforcement sleeves are available for heavy duty use.

THESE TYPE OF PIPE PLUGS CAN BE MADE IN NBR, CR OR EPDM ACCORDING TO CUSTOMER NEEDS

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
KAB3570	35 - 70	35	70	2,5	33	300	0,2
KAB50100	50 - 100	50	100	2,5	45	330	0,4
KAB70150	70 - 150	70	150	2,5	64	370	0,6
KAB100200	100 - 200	100	200	2,5	88	550	1,0
KAB150300	150 - 300	150	300	2,5	138	550	1,2
KAB200400	200 - 400	200	400	2,5	185	650	3,6
KAB300600	300 - 600	300	600	2,5	285	850	7,0
KAB375750	375 - 750	375	750	2,5	360	1000	9,7
KAB5001000	500 - 1000	500	1000	2,5	485	1150	22,0
KAB6001200	600 - 1200	600	1200	2,5	585	1300	26,0
KAB8001600	800 - 1600	800	1600	2,5	780	1800	35,0

BACK PRESSURE MEASURED IN DRY PIPE / *ARKA BASINÇ KURU ÇELİK BORU İÇİNDE*

MODEL AB	35 - 70	50 - 100	70 - 150	100 - 200	150 - 300	200 - 400	300 - 600	500 - 1000	600 - 1200
Max. Working Pressure / *Mak. Çalışma Basıncı* (2,5 bar)									
Pipe Diameter *Boru Çapı* *(mm)*	Max. Back Pressure Of Water / *Maksimum Arka Basınç* (bar)								
35	2,0								
50	1,8	2,0							
70	1,5	1,8	2,0						
100		1,5	1,8	2,0					
150			1,5	1,8	2,0				
200				1,5	1,8	2,0			
300					1,5	1,8	2,0		
400						1,5	1,7		
500							1,5	2,0	
600							1,3	1,8	2,0
700								1,6	1,8
800								1,4	1,6
900								1,2	1,4
1000								1,0	1,2
1200									1,0

MULTİ EBAT ESNEK KANAL TEST TAPASI 1,5 BAR

MULTI SIZE FLEXIBLE PIPE TEST PLUG 1,5 BAR



The plugs can be easily installed at any angle throughout the pipe, which allows having an effective sealing. These plugs are mainly used for testing of sealing with air or water.

Environmentally resistant, to temperature from -40 to 700 C. Standard series of test plugs can be made in a range of diameters from 50 to 3600 mm.

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
APB501001	50 - 100	50	100	1,5	45	330	1/4"	1,0
APB501002	50 - 100	50	100	1,5	45	330	2 x 1/16"	1,2
APB701501	70 - 150	70	150	1,5	64	400	1/2"	1,2
APB701502	70 - 150	70	150	1,5	64	400	2 x 1/4"	1,3
APB1002001	100 - 200	100	200	1,5	88	500	1"	1,8
APB1002003	100 - 200	100	200	1,5	88	500	1/4" + 1/2"	1,9
APB1503001	150 - 300	150	300	1,5	138	580	2"	4,0
APB1503002	150 - 300	150	300	1,5	138	580	2 x 1"	4,2
APB2004001	200 - 400	200	400	1,5	185	680	2"	7,2
APB2004002	200 - 400	200	400	1,5	185	680	2 x 1"	7,4
APB2005001	200 - 500	200	500	1,5	185	820	2"	8,0
APB2005002	200 - 500	200	500	1,5	185	820	2 x 1"	9,0
APB3006001	300 - 600	300	600	1,5	285	850	2"	11,0
APB3006002	300 - 600	300	600	1,5	285	850	2" + 1"	11,7
APB3757501	375 - 750	375	750	1,5	360	1000	2"	18,0
APB3757502	375 - 750	375	750	1,5	360	1000	2" + 1"	20,0
APB50010001	500 - 1000	500	1000	1,5	485	1200	2"	27,0
APB50010002	500 - 1000	500	1000	1,5	485	1200	2 x 2"	28,0
APB60012001	600 - 1200	600	1200	1,5	585	1400	2"	35,0
APB60012002	600 - 1200	600	1200	1,0	585	1400	2 x 2"	36,0
APB60016001	600 - 1600	600	1600	1,0	590	1900	2"	47,0
APB80012001	800 - 1200	800	1200	1,5	780	1200	2"	35,0
APB80012002	800 - 1200	800	1200	1,5	780	1200	2 x 2"	38,0
APB80016001	800 - 1600	800	1600	1,0	780	1600	2"	45,0
APB80016002	800 - 1600	800	1600	1,0	780	1600	2 x 2"	48,0
APB80022001	800 - 2200	800	2200	1,0	790	3200	2"	90,0
APB80022002	800 - 2200	800	2200	1,0	790	3200	2 x 2"	100,0

MULTI SIZE FLEXIBLE PIPE TEST PLUG 2,5 BAR

MULTİ EBAT ESNEK KANAL TEST TAPASI 2,5 BAR

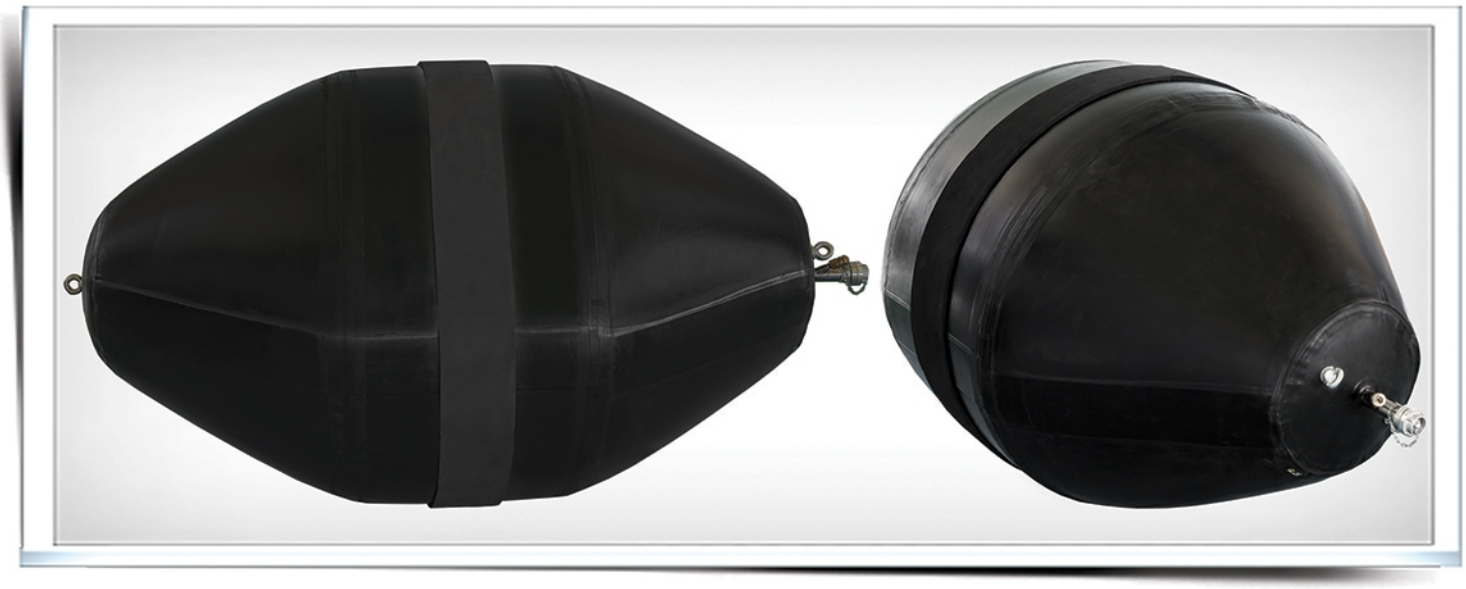


Pipe test plugs are made of special NR-SRB rubber, reinforced with Kevlar tire cording. Due to the high quality of the materials used for the construction of these pipe test plugs the high level of reliability and safety is ensured. Due to their light weight and short length, pipe plugs are easy to handle even in large diameter sizes. All plugs are equipped with quick-connect couplings and nipples. These plugs are ideal for testing of plumbing systems and are available in multi-size versions for pipes from 35 till 1200 mm in diameter.

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
KAPB35701	35 - 70	35	70	2,5	33	300	1/16"	0,3
KAPB5001001	50 - 100	50	100	2,5	45	330	1/2"	1,0
KAPB5001002	50 - 100	50	100	2,5	45	330	2 x 1/16"	1,2
KAPB701501	70 - 150	70	150	2,5	64	400	1"	1,3
KAPB701502	70 - 150	70	150	2,5	64	400	2 x 1/4"	1,4
KAPB1002001	100 - 200	100	200	2,5	88	500	1"	1,8
KAPB1002002	100 - 200	100	200	2,5	88	500	2 x 1/2"	1,9
KAPB1503001	150 - 300	150	300	2,5	138	580	2"	4,0
KAPB1503002	150 - 300	150	300	2,5	138	580	2 x 1"	4,2
KAPB2004001	200 - 400	200	400	2,5	185	680	2"	7,2
KAPB2004002	200 - 400	200	400	2,5	185	680	2 x 1"	7,4
KAPB3006001	300 - 600	300	600	2,5	285	850	2"	11,0
KAPB3006002	300 - 600	300	600	2,5	285	850	2 + 1"	11,7
KAPB3757501	375 - 750	375	750	2,5	360	1000	2"	18,0
KAPB3757502	375 - 750	375	750	2,5	360	1000	2 x 2"	20,0
KAPB50010001	500 - 1000	500	1000	2,5	485	1200	2"	27,0
KAPB50010002	500 - 1000	500	1000	2,5	485	1200	2 x 2"	28,8
KAPB60012001	600 - 1200	600	1200	2,5	585	1400	2"	35,0
KAPB60012002	600 - 1200	600	1200	2,5	585	1400	2 x 2"	36,0
KAPB80016001	800 - 1600	800	1600	2,5	790	1800	2"	45,0
KAPB80016002	800 - 1600	800	1600	2,5	790	1800	2 x 2"	50,0

KONİK BÜZÜLEN TAPA

MULTI SIZE CONICAL SHRINKING PIPE PLUGS WITH AND WITHOUT BYPASS 1 BAR



BACKPRESSURE FOR EVER SIZE IS 0,5 BAR / *ARKA BASINÇ 0,5 BAR*

Part Number Without Special Sealing	Nominal Size Without Special Sealing	Part Number Without Special Sealing	Nominal Size Without Special Sealing	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
CSP70501	70 - 150	CSP901502	90 - 150	1,0	100 / 400	1,0
CSP1004001	100 - 400	CSP1504002	150 - 400	1,0	200 / 850	2,5
CSP2006001	200 - 600	CSP2506002	250 - 600	1,0	300 / 1000	6,0
CSP3008001	300 - 800	CSP3008002	300 - 800	1,0	400 / 1300	9,6
CSP40010001	400 - 1000	CSP40010002	400 - 1000	1,0	500 / 1600	14,2
CSP50012001	500 - 1200	CSP50012002	500 - 1200	1,0	600 / 1900	19,1
CSP60016001	600 - 1600	CSP60016002	600 - 1600	1,0	800 / 2700	35,3
CSP100022001	1000 - 2200	CSP100022002	1000 - 2200	1,0	1100 / 3400	85,3

CONICAL SHRINKING PIPE PLUG WITH BY-PASS / BY-PASS'LI BÜZÜLEN KONİK TAPA

Part Number Without Special Seling	Nominal Size Without Special Seling	Part Number Without Special Seling	Nominal Size Without Special Seling	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
CSTP1004001	100 - 400	CSTP1504002	150 - 400	1,0	200 / 850	2,0	4,5
CSTP2006001	200 - 600	CSTP2506002	250 - 600	1,0	300 / 1000	2,5	14,2
CSTP3008001	300 - 800	CSTP3008002	300 - 800	1,0	400 / 1300	2,5	20,2
CSTP40010001	400 - 1000	CSTP40010002	400 - 1000	1,0	500 / 1600	2,5	26,3
CSTP50012001	500 - 1200	CSTP50012002	500 - 1200	1,0	600 / 1900	2,5	34,3
CSTP60016001	600 - 1600	CSTP60016002	600 - 1600	1,0	800 / 2700	2,5	54,2
CSTP100022001	1000 - 2200	CSTP100022002	1000 - 2200	1,0	1100 / 3400	2,5	106,3

The conical shrinking Pipe Plugs are made with a new type of chloropene and aramid fabric rubber, reinforced with hot vulcanized rubber and they are more versatile than conventional pipe plugs because of their flexible inflatable structure. Available in a variety of sizes that covers a broader range of pipe diameters than most pipe plugs. This type of shrinking pipe plugs allows to sealing off non-symmetrical pipe cross sections and an easy access through small manholes.

SMALL PIPE PLUG

KÜÇÜK BORU TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
ABE25	1"	24	25	2,5	23	25	0,10
ABE30	1 1/4"	30	32	2,5	29	30	0,15
ABE40	1 1/2"	38	42	2,5	37	40	0,15
ABE50	2"	48	54	2,5	45	75	0,25
ABE60	2 1/2"	59	65	2,5	58	90	0,35
ABE75	3"	72	78	2,5	69	110	0,45
ABE100	4"	90	105	2,5	88	150	0,6
ABE150	6"	150	150	2,5	90	150	1,1
ABE200	8"	200	200	2,5	138	200	1,6
ABE250	10"	250	250	2,5	180	250	2,2
ABE300	12"	300	300	2,5	225	300	3,5
ABE400	16"	400	400	2,5	380	450	4,4
ABE500	20"	500	500	2,5	485	450	5,5
ABE600	24"	600	600	2,5	585	450	6,3
ABE800	32"	800	800	2,5	780	1200	25,0

SMALL PIPE PLUG

KÜÇÜK BORU TAPASI

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
ABE2030	0,78" - 1,2"	20	30	2,5	18	100	0,12
ABE3040	1 1/4" - 1 1/2"	30	40	2,5	29	30	0,16
ABE3050	1 1/4" - 2"	30	50	2,5	29	100	0,18
ABE5075	2" - 3"	50	75	2,5	45	100	0,3
ABE70100	3" - 4"	70	100	2,5	65	100	0,4
ABE100150	4" - 6"	90	155	2,5	88	150	0,75
ABE150200	6" - 8"	150	200	2,5	138	200	1,1
ABE200250	8" - 10"	200	250	2,5	180	250	1,6
ABE250300	10" - 12"	250	300	2,5	225	300	2,2
ABE300350	12" - 14"	300	350	2,5	280	300	3,5
ABE400450	16" - 18"	400	450	2,5	380	450	4,2
ABE500550	20" - 22"	500	550	2,5	480	450	5,4
ABE600650	24" - 26"	600	650	2,5	580	450	6,5
ABE8001000	32" - 40"	800	1000	2,5	780	1200	26,0

BACK PRESSURE OF SMALL PIPE PLUG (BAR) / ARKA BASINÇ

Pipe Diameter *Boru Çapı* *(mm)*	40	50	75	100	150	200	250	300	350	400	450	500	550	600	650
Nominal Size / *Nominal Ebat (mm)*															
50 - 75		1,8	1,5												
70 - 100			1,7	1,5											
100 - 150				1,8	1,5										
150 - 200					1,8	1,5									
200 - 250						1,8	1,5								
250 - 300							1,8	1,5							
300 - 350								1,8	1,5						
400 - 450										1,8	1,5				
500 - 550												1,8	1,5		
600 - 650														1,8	1,5

Designed for a fast and reliable sealing, canals blocking, pipes, joints and inlets. Mainly used for repairs, technical support, accidents and when tested with water or air. Pipe plugs are made from high quality NR/SBR rubber with a textile cover.

Environmentally resistant to temperatures from -40 to 80 ° C and high resistance to chemicals. Manufactured in diameters from 30 to 650 mm.

SMALL PIPE TEST PLUGS WITH BYPASS

KÜÇÜK BORU TEST TAPASI



These test plugs are mainly used for sealing sewer connections. They are used in the test system and pipeline leak. The plugs are made with high quality rubber, and metal items for anticorrosion.

Standard type series are manufactured in diameters from 30 to 650 mm. They are used for testing of sealing by air, water and by-pass.

Resistant to the environment, to temperatures from -40 to 700 C.

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Rubber Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
APE30	1 1/4"	30	32	2,5	29	30	1/8"	0,14
APE40	1 1/2"	38	42	2,5	37	40	1/8"	0,15
APBE50	2"	48	54	2,5	45	50	1/8"	0,25
APBE60	2 1/2"	59	65	2,5	58	90	1/2"	0,35
APBE75	3"	72	78	2,5	69	110	1/2"	0,45
APBE100	4"	90	105	2,5	88	150	1/2"	0,6
APBE150	6"	150	150	2,5	138	150	2"	1,5
APBE200	8"	200	200	2,5	180	200	2"	2
APBE250	10"	250	250	2,5	225	250	2"	2,5
APBE300	12"	300	300	2,5	285	300	2"	3,2
APBE400	16"	400	400	2,5	380	450	2"	4,2
APBE500	20"	500	500	2,5	480	450	2"	5,4
APBE600	24"	600	600	2,5	580	450	2"	6,5
APBE800	32"	800	800	2,5	780	1200	2"	30,0

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Rubber Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
APBE3040	1 1/4" - 1 1/2"	30	40	2,5	29	30	1/8"	0,5
APBE5075	2" - 3"	48	75	2,5	48	80	1/2"	0,75
APBE70100	3" - 4"	88	105	2,5	88	150	1"	2,5
APBE100150	4" - 6"	90	150	2,5	88	150	1/2"	0,75
APBE150200	6" - 8"	150	200	2,5	138	200	2"	2,5
APBE200250	8" - 10"	200	250	2,5	180	250	2"	4
APBE250300	10" - 12"	250	300	2,5	225	300	2"	6
APBE300350	12" - 14"	300	350	2,5	285	300	2"	8,5
APBE400450	16" - 18"	400	450	2,5	380	450	2"	4,2
APBE500550	20" - 22"	500	550	2,5	480	450	2"	5,4
APBE600650	24" - 26"	600	650	2,5	480	450	2"	6,5
APBE8001000	32" - 40"	800	1000	2,5	780	1200	2"	35,0

MULTI SIZE PIPE PLUGS WITH BY-PASS AND METAL CORE

MULTİ EBAT BY-PASS'LI METALLİ BORU TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
APBG70150	70 - 150	70	150	1,5	68	400	1"	2,5
APBG100150	100 - 150	100	150	1,5	85	260	2"	2,5
APBG100200	100 - 200	100	200	1,5	92	400	1"	4,5
APBG125200	125 - 200	125	200	1,5	115	270	2"	4,5
APBG200500	200 - 500	200	500	1,5	190	680	1" + 2"	11,7
APBG300600	300 - 600	300	600	1,5	270	680	1" + 2"	20
APBG300750	300 - 750	300	750	1,5	270	750	1" + 2"	30
APBG500800	500 - 800	500	800	1,5	440	680	2 x 1" + 4"	38
APBG5001200	500 - 1200	500	1200	1,5	440	980	2 x 1" + 4"	50

Pneumatic plugs with bypass are used for repairing and testing of sewage pipes without stopping its normal flow.

These type of pipe plugs are made of reinforced rubber and are supplied with the control panel (opening / closing) of pressure, drain valve and pressure gauge.

MULTI SIZE PIPE PLUGS WITH LARGE BYPASS AND METAL CORE

MULTİ EBAT METALLİ KANALİZASYON BYPASS TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
BPBG100200	100 - 200	100	200	1,5	92	400	2"	4,5
BPBG200500	200 - 500	200	500	1,5	190	680	4"	11,7
BPBG300600	300 - 600	300	600	1,5	280	680	4"	22
BPBG300750	300 - 750	300	750	1,5	280	750	4"	30
BPBG500800	500 - 800	500	800	1,5	440	680	6"	38
BPBG5001200	500 - 1200	500	1200	1,5	440	930	8"	50

These plugs are mainly used in cases when it's necessary to allocate plenty of water. The rubber covers the by-pass steel, which is made of stainless steel. Standard series can be made in a range of diameters from 100 to 1200 mm. The maximum back pressure is 0.5 bar.

Backpressure values are valid in concrete pipes. It is possible to produce multi size pipe plugs with large bypass and metal core with custom technical needs.

MULTI SIZE SHORT PIPE PLUGS

MULTİ EBAT KISA BORU TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Rubber Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
ABS50100	50 - 100	50	100	2,5	45	150	0,3
ABS70150	70 - 150	70	150	2,5	65	200	0,4
ABS100200	100 - 200	100	200	2,5	88	200	1
ABS150300	150 - 300	150	300	2,5	140	300	1,6
ABS200400	200 - 400	200	400	2,5	180	400	2,4

These plugs are mainly used for sealing sewer connections. Are made with high quality rubber and metal items for anticorrosion. Standard type series of these pipe plugs are manufactured in diameters from 50 to 400 mm.

MULTI SIZE SHORT PIPE TEST PLUGS

MULTİ EBAT KISA BORU TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
APBS50100	50 - 100	50	100	2,5	48	150	1/8"	1
APBS70150	70 - 150	70	150	2,5	65	200	1/4"	1,2
APBS100200	100 - 200	100	200	2,5	88	200	1/2"	1,2
APBS150300	150 - 300	150	300	2,5	138	300	1"	2
APBS200400	200 - 400	200	400	2,5	180	400	2"	5

These plugs are mainly used for sealing sewer connections. They are also used in the test system and pipeline leak. The plugs are made with high quality rubber and metal items for anticorrosion. Standard type series are manufactured in diameters from 50 to 400 mm.
They are used for testing of sealing by air or water.

JOINT TESTER

EK YERİ TESTİ



For testing of joints in the pipeline.

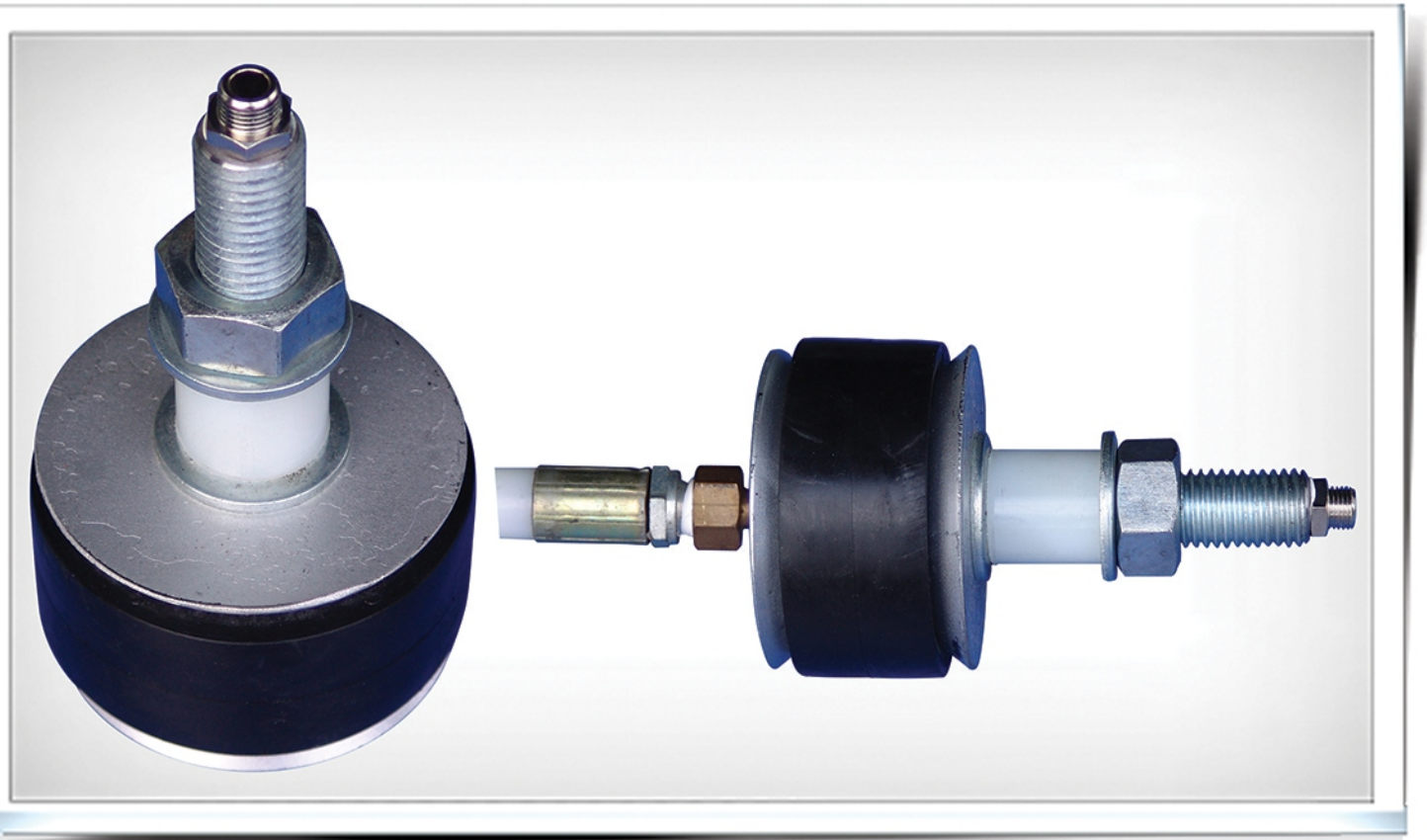
Drives it into the tube, and then it is inflated with air or water until it is seal tightly to pipe for checking the existence of faults or cracks in the pipeline.

In the case when the entrance hole of the pipe has a less diameter than the test tube one, it is possible to disassemble joint test on 3 or 4 separate parts and then mounted it inside the tube.

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* (mm)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)
J200	100	80	380	2,5
J200	200	180	380	2,5
J300	300	280	380	2,5
J400	400	380	380	2,5
J500	500	480	380	2,5
J600	600	580	380	2,5
J700	700	680	380	2,5
J800	800	780	380	2,5
J900	900	880	380	2,5
J1000	1000	980	380	2,5
J1100	1100	1080	380	2,5
J1200	1200	1180	380	2,5
J1300	1300	1280	380	2,5
J1400	1400	1380	380	2,5
J1500	1500	1480	380	2,5
J1600	1600	1580	380	2,5
J1700	1700	1680	380	2,5
J1800	1800	1780	380	2,5
J1900	1900	1880	380	2,5
J2000	2000	1980	380	2,5
J2100	2100	2080	380	2,5
J2200	2200	2180	380	2,5
J2300	2300	2280	380	2,5
J2400	2400	2380	380	2,5
J2500	2500	2480	380	2,5
J3000	3000	2980	380	2,5

SINGLE SIZE MECHANICAL PIPE PLUGS

TEK EBAT MEKANİK BORU TAPASI



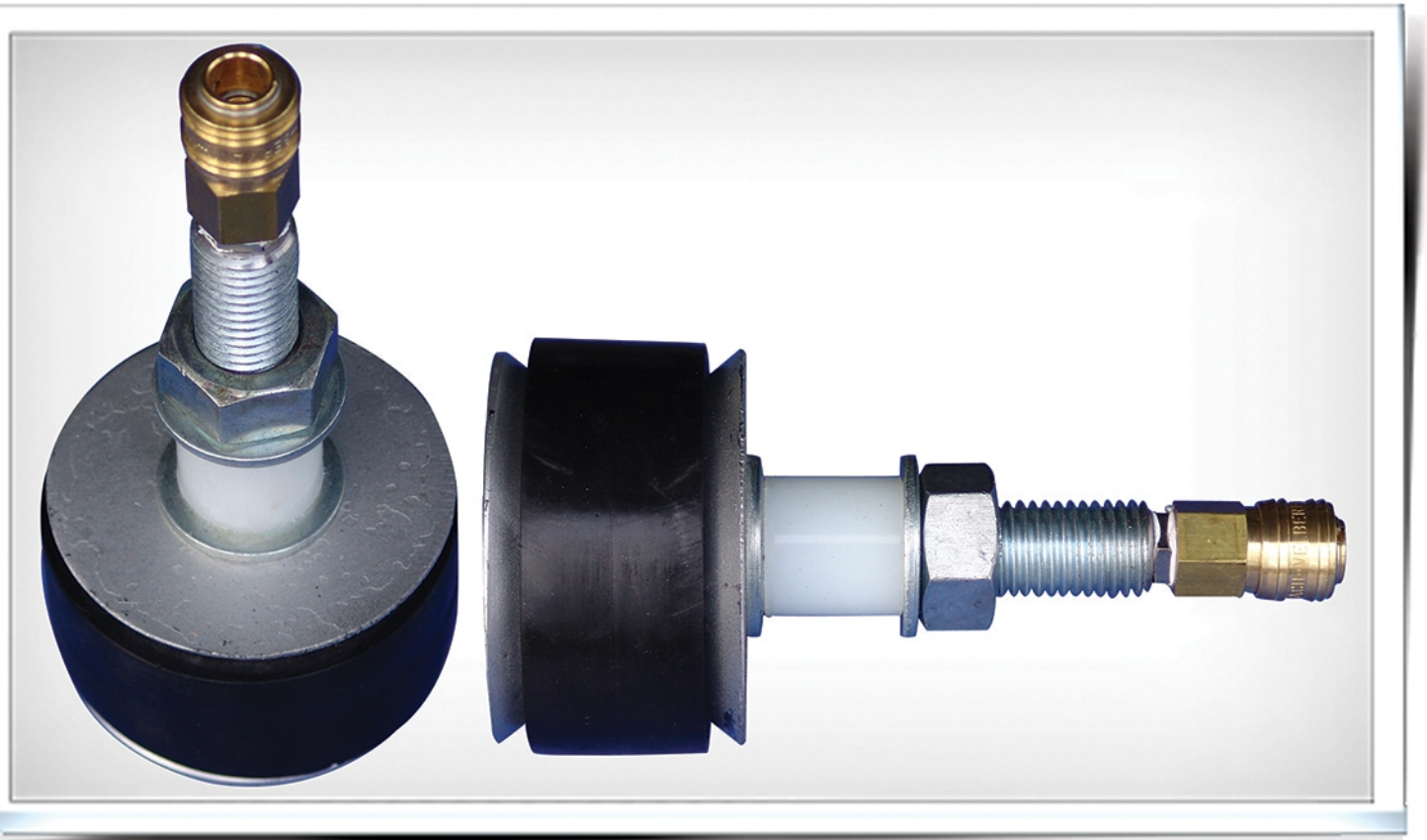
Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)
MTP6	1/4"	6	6,5	5,5	40
MTP9	3/8"	9	10	8,5	40
MTP12	1/2"	12	13	11,5	40
MTP30	1 1/4"	29	32	28	40
MTP38	1 1/2"	38	40	37	40
MTP50	2"	49	51	47	40
MTP75	3"	74	77	72	40
MTP100	4"	98	102	96	40
MTP150	6"	148	153	146	40
MTP200	8"	195	202	192	40

These plugs are used to block sewer pipes, to repair, to make hydro testing and pipe welding in an inert tube.

The plugs are easy to install, withstand pressures up to 3 atm. and temperatures until 70 ° C.

SINGLE SIZE MECHANICAL PIPE TEST PLUGS

TEK EBAT MEKANİK BORU TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)
MPTP6	1/4"	6	6,5	5,5	40	1/16"
MPTP9	3/8"	9	10	8,5	40	1/8"
MPTP12	1/2"	12	13	11,5	40	1/4"
MPTP30	1 1/4"	29	32	28	40	1/2"
MPTP38	1 1/2"	38	40	37	40	1/2"
MPTP50	2"	49	51	47	40	1/2"
MPTP75	3"	74	77	72	40	1/2"
MPTP100	4"	98	102	96	40	1/2"
MPTP150	6"	148	153	146	40	1/2"
MPTP200	8"	195	202	192	40	1/2"

The plugs are used to block sewer pipes, to repair and weld, to make hydro testing and pipe welding in an inert tube. The plugs are easy to install, withstand pressures up to 3 atm. And temperatures untill 70 ° C.

They are available in the bypass. Sturdy and lasting with a chemically resistant neoprene gasket. For temporary or permanent installation does not require any other tools.

ZINC PLATED STEEL TEST PLUG

GALVANİZ PLAKALI TEST TAPASI



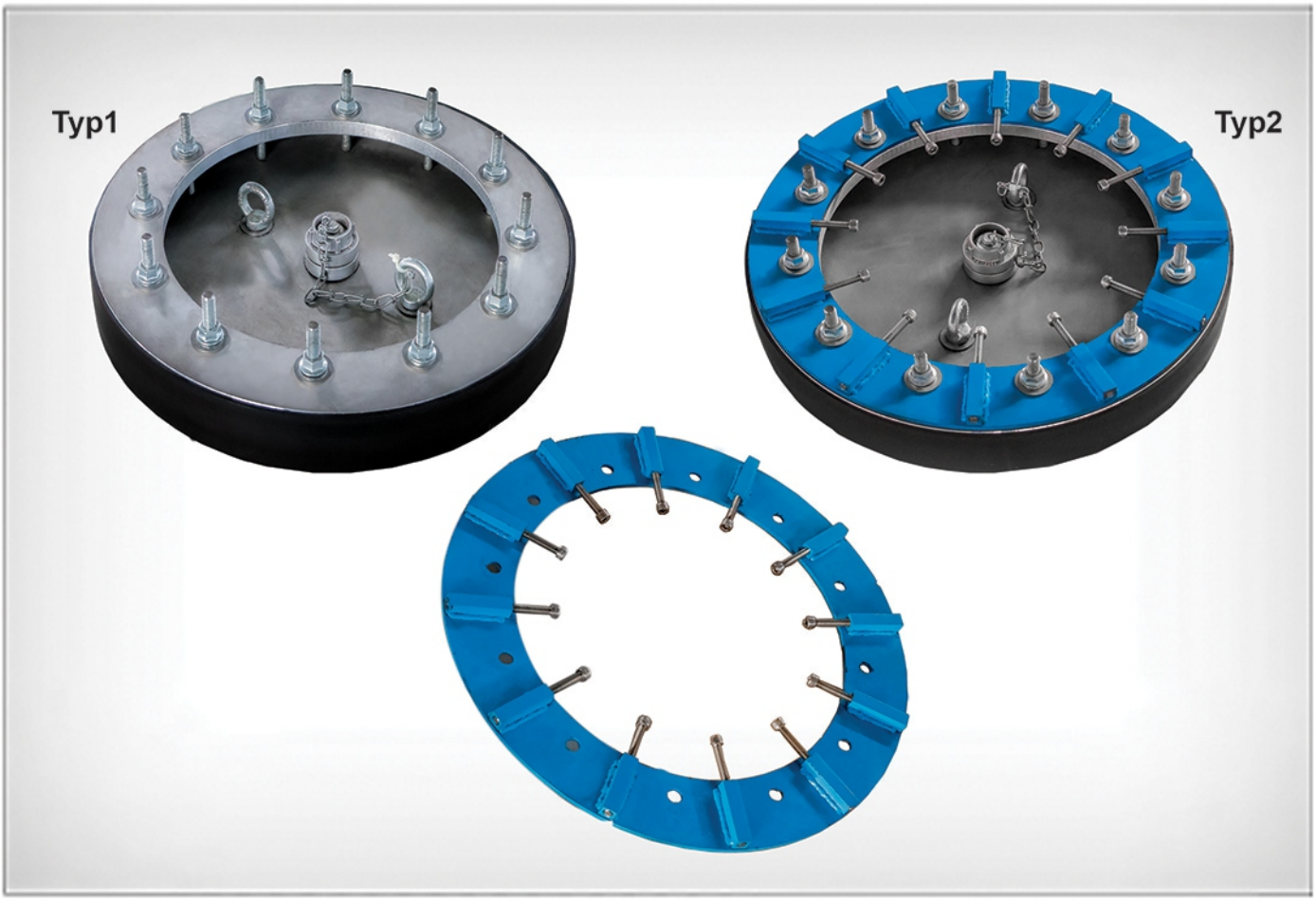
Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Max. Pipe Diameter *Mak. Boru Çapı* (mm)	Max. Back Pressure *Mak. Arka Basınç* (bar)	Bypass Diameter *Baypass Çapı* (inch)
ZPSTP40	1 1/2"	36	50	2	1/2"
ZPSTP50	2"	50	60	2	1/2"
ZPSTP65	2 1/2"	60	75	2	1/2"
ZPSTP75	3"	70	85	1,2	1/2"
ZPSTP90	3 1/2"	85	100	1	1/2"
ZPSTP100	4"	95	105	0,6	1/2"
ZPSTP115	4 1/2"	110	125	0,6	1/2"
ZPSTP125	5"	120	140	0,6	1/2"
ZPSTP150	6"	145	160	0,5	1/2"

Douple seal plugs can be supplied to order.

The plugs are used to block sewer pipes, to repair and weld, to make hydro testing and pipe welding in an inert tube. The plugs are easy to install and temperatures untill 100 ° C. They are available in the bypass. Sturdy and lasting with a oil resistant NBR gasket.

ALU MECHANICAL SINGLE SIZE HIGH PRESSURE TEST PLUG

ALÜMİNYUM PLAKALI ve GERGİLİ YÜKSEK BASINÇ TEST TAPASI



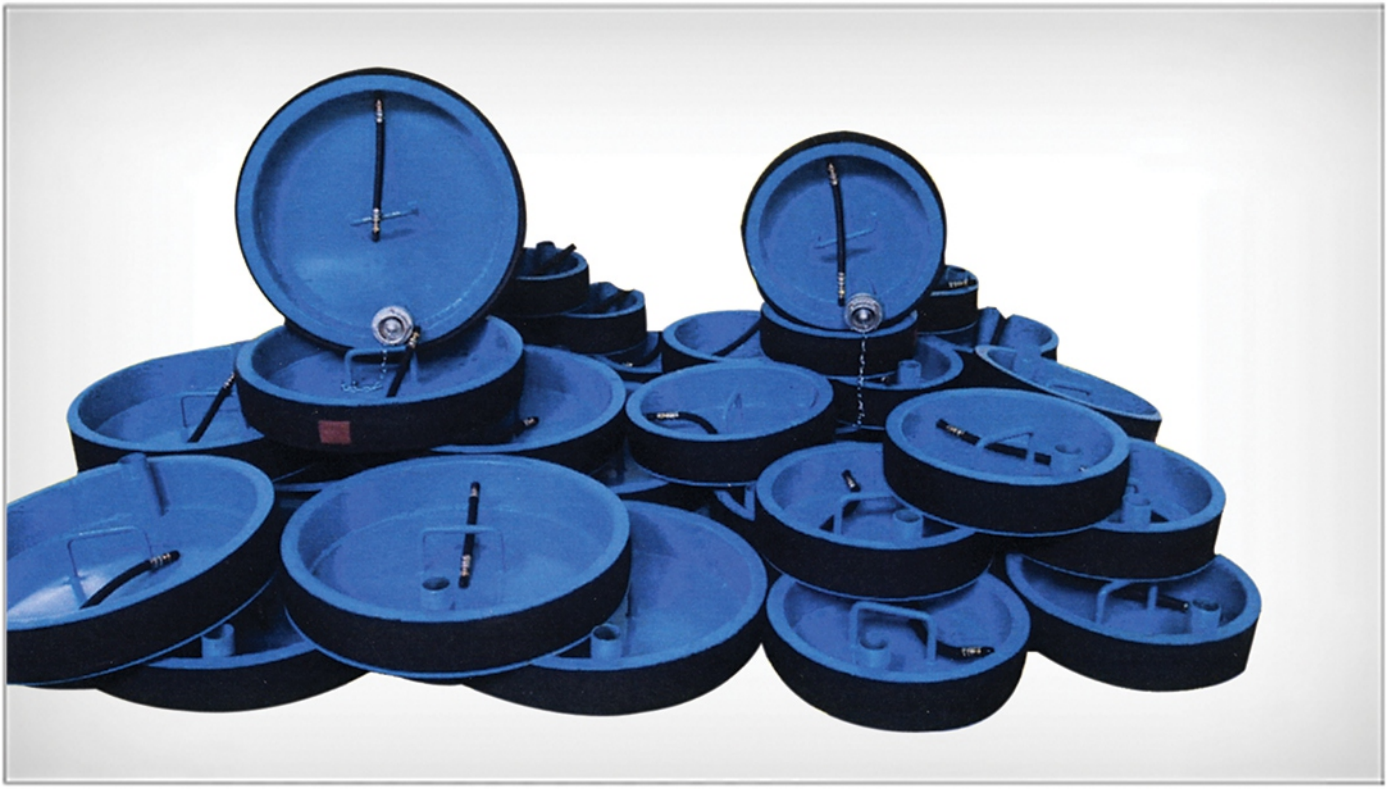
Part Number *Ürün Kodu* Typ 1	Part Number *Ürün Kodu* Typ 2	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Max. Pipe Diameter *Mak. Boru Çapı* (mm)	Max. Back Pressure *Mak. Arka Basınç* (bar)	Bypass Diameter *Baypass Çapı* (inch)
AMSSHPPTP2001	AMSSHPPTP2002	200	193	206	6	1/2"
AMSSHPPTP2501	AMSSHPPTP2502	250	244	257	6	1/2"
AMSSHPPTP3001	AMSSHPPTP3002	300	290	310	6	1/2"
AMSSHPPTP3501	AMSSHPPTP3502	240	360	85	6	1/2"
AMSSHPPTP4001	AMSSHPPTP4002	400	396	412	6	1/2"
AMSSHPPTP4501	AMSSHPPTP4502	450	445	460	6	1/2"
AMSSHPPTP5001	AMSSHPPTP5002	500	490	508	6	1/2"
AMSSHPPTP5501	AMSSHPPTP5502	550	540	560	6	1/2"
AMSSHPPTP6001	AMSSHPPTP6002	600	590	600	6	1/2"

More high pressure and diameter plugs can be supplied to order.

The plugs are used to block sewer pipes, to repair and weld, to make hydro testing and pipe welding in an inert tube. The plugs are easy to install and temperatures untill 100 ° C. They are available in the bypass. Sturdy and lasting with a oil resistant NBR gasket.

SINGLE SIZE PIPE TEST PLUGS WITH METAL CORE

TEK EBAT METALLİ BORU TEST TAPASI

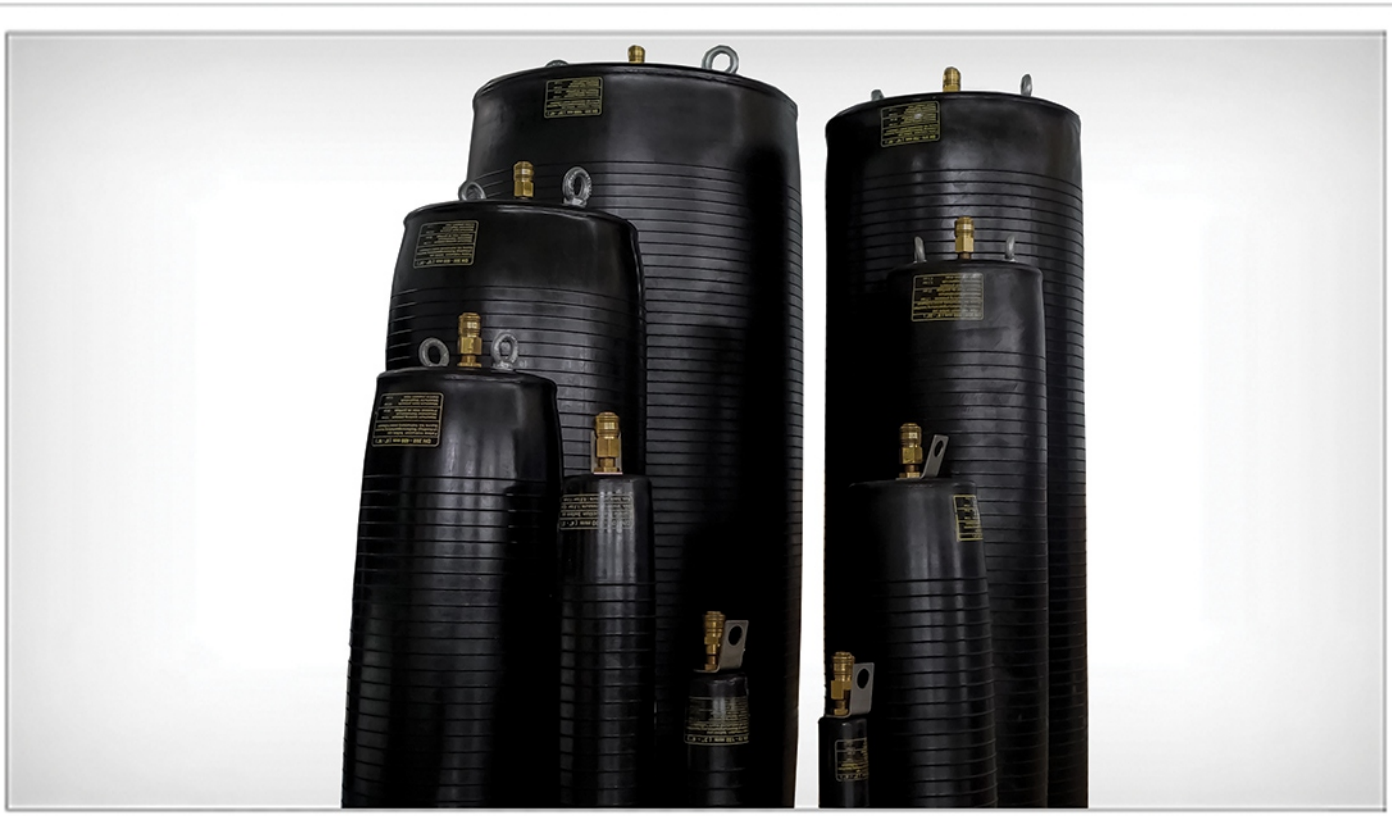


Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
PAP200	200	190	210	6	185	110	1"	2,7
PAP250	250	245	255	6	230	110	1"	3,9
PAP300	300	290	305	6	280	110	2"	4,9
PAP350	350	345	360	6	330	110	2"	5,9
PAP400	400	390	405	6	380	110	2"	7,0
PAP450	450	445	460	6	440	160	2"	15,7
PAP500	500	495	505	6	485	160	2"	17
PAP600	600	590	610	6	585	160	2"	20
PAP700	700	690	710	6	685	160	2"	24
PAP800	800	790	810	6	785	160	2"	34
PAP1000	1000	990	1010	6	995	160	2"	46

Plugs are designed to block the pipeline during the repairing process and to intensify pressure. Spacers are used for more effective use. Max. Working pressure of these type of plugs is 6 bar.

MULTI SIZE HIGH PRESSURE PIPE PLUGS

YÜKSEK BASINÇLI BORU TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Back Pressure *Arka Basınç* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
HPAB100	100	100	100	12	6	88	550	1,0
HPAB100150	100 - 150	100	150	6	3	88	550	1,0
HPAB150	150	150	150	12	6	138	550	1,2
HPAB150200	150 - 200	150	200	6	3	138	550	1,2
HPAB200	200	200	200	12	6	185	650	3,4
HPAB200300	200 - 300	200	300	6	3	185	650	3,4
HPAB300	300	300	300	12	6	285	850	6,6
HPAB300400	300 - 400	300	400	6	3	285	850	6,6
HPAB375	375	375	375	12	6	380	1000	9,4
HPAB375500	375 - 500	375	500	6	3	380	1000	9,4
HPAB500	500	500	500	12	6	485	1150	21,3
HPAB500600	500 - 600	500	600	6	3	485	1150	21,3
HPAB600	600	600	600	12	6	585	1300	25,5
HPAB600700	600 - 700	600	700	6	3	585	1300	25,5
HPAB800	800	800	800	12	6	785	1300	40,0
HPAB8001000	800 - 1000	800	1000	6	3	785	1300	40,0

They are used to seal the pipe in which the back pressure exceeds the working pressure range of standard plugs.

With these plugs is guaranteed the reliability and safe operation at high pressures due to the special reinforced covering in aramid from the top the bottom.

The plugs are equipped with eyelets bolts and quick couplings for inflation and deflation.

MULTI SIZE MANHOLE TEST PLUG

RÖGAR TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
SPK600650	600 - 650	600	650	1,5	580	250	2 x 1/4"	5
SPK800850	800 - 850	800	850	1,5	780	250	2 x 1/4"	7
SPK10001050	1000 - 1050	1000	1050	1,5	980	250	2 x 1/4"	9
SPK600650	600 - 650	600	650	1,5	580	250	2"	5,5
SPK800850	800 - 850	800	850	1,5	780	250	2"	7,5
SPK10001050	1000 - 1050	1000	1050	1,5	980	250	2"	9,5

This test plug is ideal for testing manholes. A short length of the product in combination with low weight makes it easy to handle.
Max. Back pressure in pipe diameter is 0.2 bar.

LOW BACK PRESSURE TEST PIPE PLUG

DÜŞÜK BASINÇ TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
MTS300400	300 - 400	300	400	1,5	280	250	2 x 1/4"	2
MTS400500	400 - 500	400	500	1,5	380	250	2 x 1/4"	3
MTS500600	500 - 600	500	600	1,5	480	250	2 x 1/4"	4
MTS600700	600 - 700	600	700	1,5	580	250	2 x 1/4"	5
MTS700800	700 - 800	700	800	1,5	680	250	2 x 1/4"	6
MTS800900	800 - 900	800	900	1,5	780	250	2 x 1/4"	7
MTS9001100	900 - 1100	900	1100	1,5	880	250	2 x 1/4"	8

Low back pressure test plug are suitable for air testing and blanking off. These type of test pipe plugs cover a big range of sizes, a 450mm pipe would be covered using the 400/500 plugs.

The plugs are easy to use and maintain.

Max. Backpressure in pipe diameter is 0.01 bar.

MULTI SIZE EGG SHAPE PIPE PLUGS

OVAL BORU TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
OAB200300	200 - 300 250 - 375 300 - 450	200 - 300	300 - 450	1,5	180 x 280	750	9
OAB300500	300 - 450 350 - 525 400 - 600	300 - 400	500 - 750	1,5	280 x 380	800	15
OAB400600	400 - 600 600 - 900	300 - 400	600 - 900	1,5	280 x 380	1000	25

The multi size egg shape pipe plugs are available in three sizes for a perfect blocking of special pipes with different requirements of shape.

These plugs are used to seal ovoid profiles. They can be used also to make the test sealing.

MULTI SIZE FLEXIBLE EGG SHAPE PIPE TEST PLUGS

ESNEK OVAL BORU TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg)
OAPB200300	200 - 300 250 - 375 300 - 450	200 - 300	300 - 450	1,5	180 x 280	750	2"	11
OAPB300500	300 - 450 350 - 525 400 - 600	300 - 400	500 - 750	1,5	280 x 380	800	2 X 2"	21
OAPB400600	400 - 600 600 - 900	300 - 400	600 - 900	1,5	280 x 380	1000	2 X 2"	30

Egg shape pipe test plugs are available in three different sizes as a bypass channel to test the pipe or bypass flow.

These plugs are used to sealing ovoid profiles. They are used to make the test sealing and can be used in large pipelines if needed.

Max. Backpressure in pipe diameter is 0.5 bar. Backpressure values are valid in concrete pipes.

MULTI SIZE CONE PIPE PLUGS AND TEST PLUG

MULTİ EBAT KONİK TAPA ve TEST TAPASI



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* (mm)	Min. Pipe Diameter *Min. Boru Çapı* (mm)	Mak. Pipe Diameter *Mak. Boru Çapı* (mm)	Mak. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Diameter For İnsersation (mm)	Product Weigth *Ürün Ağırlığı* (kg)
CAB50100	50 - 100	45	100	2,5	45	430	35	0,4
CAB70150	70 - 150	70	150	2,5	64	470	40	0,6
CAB100200	100 - 200	100	200	2,5	88	650	45	1,0
CAB150300	150 - 300	150	300	2,5	138	750	50	1,2
CAB200400	200 - 400	200	400	2,5	185	650	70	3,4
CAB300600	300 - 600	300	600	2,5	285	1050	90	6,6
CAB375750	375 - 750	375	750	1,5	360	1300	125	9,4
CAB5001000	500 - 1000	500	1000	1,5	485	1350	160	21,3
CAB6001200	600 - 1200	600	1200	1,5	585	1600	190	25,5

Designed for a fast and reliable sealing, canals blocking, pipes, joints and inlets. Mainly used for repairs, technical support, accidents and when tested with water or air. Pipe plugs are made with high quality NR/SBR rubber with a textile cover. Environmentally resistant to temperatures from -40 to 70 ° C and high resistance to chemicals.

These type of pipe plugs can be made in NBR, CR, EPDM or with by-pass according to customer needs.

SHORT PACKER WITH METAL CORE and CHASSIS

KISA METALLİ BORU TAMİR KÖRÜĞÜ



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Cylinder Length *Silindir Uzunluğu* (mm)	Min. Contact *Min. Kontak* (mm)	Reguired İnflation Pressure *Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (mm)	Product Weigth *Ürün Ağırlığı* (kg)
SP150200	150 - 200	780	580	2	110	1020	65	6,5
SP250300	250 - 300	780	600	2	190	1080	150	13
SP300400	300 - 400	800	525	1,5	240	1100	200	16
SP350450	350 - 450	800	550	1,5	285	1100	245	19
SP500600	500 - 600	900	450	1,5	445	1200	400	30

Short packers have a replaceable double-layer rubber sleeve mounted on a PU tube.
All other parts installed in a packer are made of corrosion resistant materials.
On one side of the packer three wheels are attached at an angle of 120° to prevent tipping over while transported along the pipeline.
The effective packer length is 600 mm therefore they are suitable for repair of pipeline joints or repair of shorter pipeline sections along with insertion of stainless steel shells.

MULTI SIZE FLEXIBLE PACKER WITH BYPASS and WHEELS

ESNEK BYPASS ve TEKERLİ TAMİR KÖRÜĞÜ



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Cylinder Length *Silindir Uzunluğu* (mm)	Min. Contact *Min. Kontak* (mm)	Reguired İnflation Pressure *Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Bypass Diameter *Baypass Çapı* (inch)	Product Weigth *Ürün Ağırlığı* (kg / m)
FRP100150XX	100 - 150	1000 - 5000	S.U - 170	2,5	60	S.U + 350	NA	1,7
FRP150250XX	150 - 250	1000 - 5000	S.U - 225	2	116	S.U + 350	2"	3,3
FRP200300XX	200 - 300	1000 - 5000	S.U - 280	2	150	S.U + 350	2"	5,4
FRP300400XX	300 - 400	1000 - 5000	S.U - 300	1,5	231	S.U + 350	4/3"	7,3
FRP400600XX	400 - 600	1000 - 5000	S.U - 300	1	345	S.U + 350	4/3"	11,6
FRP600800XX	600 - 800	1000 - 5000	S.U - 300	1	444	S.U + 350	4/3"	15,5

Flexible packers have a single ply of rubber textile covering and at every corner both have wheels placed at an angle of 120 °. These rollers provide stability in movement inside the pipe. The design of these packers allows water flow during the repairing process. The area of length is from 600 to 5000 mm.

These flexible packers can be easily installed in the pipeline.

MULTI SIZE LATERAL PACKER

EV HATTI TAMİR KÖRÜĞÜ



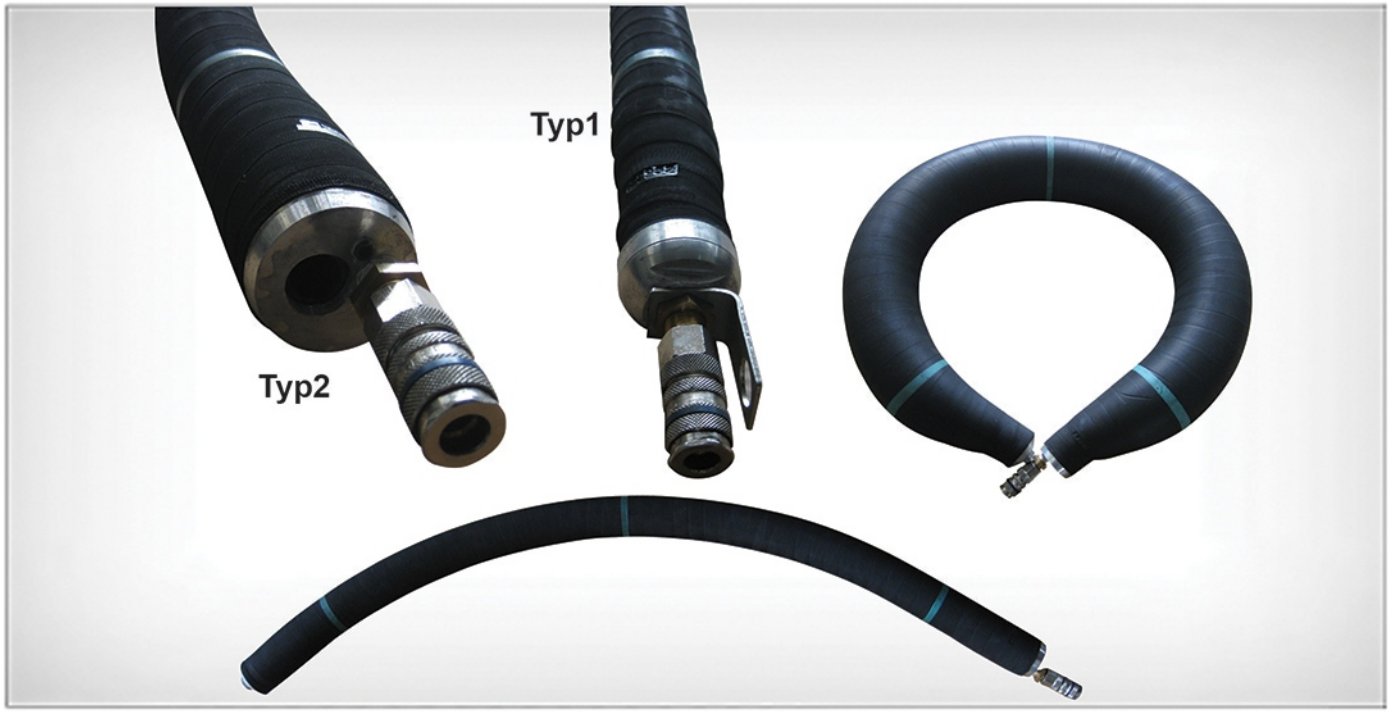
Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Cylinder Length *Silindir Uzunluğu* (mm)	Min. Contact *Min. Kontak* (mm)	Reguired İnflation Pressure *Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg / m)
LP2535XX	25 - 30	600 - 5000	S.U - 80	3	20	S.U + 160	0,4
LP3550XX	35 - 50	600 - 5000	S.U - 80	3	25	S.U + 160	0,5
LP5070XX	50 - 70	600 - 5000	S.U - 150	3	33	S.U + 160	0,6
LP70100XX	70 - 100	600 - 5000	S.U - 130	3	51	S.U + 160	0,7
LP80125XX	80 - 125	600 - 5000	S.U - 150	3	51	S.U + 160	0,7
LP100150XX	100 - 150	600 - 5000	S.U - 200	2,5	60	S.U + 160	1,5
LP150200XX	150 - 200	600 - 5000	S.U - 200	2,5	80	S.U + 160	1,7
LP150250XX	150 - 250	600 - 5000	S.U - 200	2	116	S.U + 160	1,7
LP200300XX	200 - 300	1000 - 5000	S.U - 280	2	150	S.U + 160	2,3
LP300400XX	300 - 400	1000 - 5000	S.U - 280	1,5	231	S.U + 160	4,2
LP400500XX	400 -500	1000 - 5000	S.U - 290	1	345	S.U + 160	5,2
LP450600XX	450 - 600	1000 - 5000	S.U - 300	1	345	S.U + 160	6,8

Lateral packers are suitable for repairing of pipes with smaller diameters, especially in house connection installations.

These packers are rounded on both ends in order to simplify handling and slipping. These plugs are available in ten different sizes for pipes of diameter from 25 until 600 mm.

MULTI SIZE BENDY PACKER

DİRSEK TAMİR KÖRÜĞÜ



Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Cylinder Length *Silindir Uzunluğu* (mm)	Max. Contact *Min. Kontak* (mm)	Reguired İnflation Pressure *Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg / m)	Type *Tip*
BP50701	50 - 70	1250	1000	3	32	1350	0,75	1
BP70801	70 - 80	1250	1000	3	40	1350	2	1
BP1001251	100 - 125	1250	1000	3	51	1350	3	1
BP1501651	150 - 165	1250	1000	2	60	1350	5	1
BP1702201	170 - 200	1250	1000	2	80	1350	7	1
BP22525001	225 - 250	1250	1000	2	116	1350	9	1

Part Number *Ürün Kodu* -	Nominal Size *Nominal Ebat* -	Cylinder Length *Silindir Uzunluğu* (mm)	Max. Contact *Min. Kontak* (mm)	Reguired İnflation Pressure *Çalışma Basıncı* (bar)	Product Diameter *Ürün Çapı* (mm)	Product Total Length *Ürün Uzunluğu* (mm)	Product Weigth *Ürün Ağırlığı* (kg / m)	Type *Tip*
BP70801	70 - 80	1250	1000	3	40	1350	2	2
BP1001251	100 - 125	1250	1000	3	51	1350	3	2
BP1501651	150 - 165	1250	1000	2	60	1350	5	2
BP1702201	170 - 200	1250	1000	2	80	1350	7	2
BP22525001	225 - 250	1250	1000	2	116	1350	9	2

Type 1. Bendy repair packers can be used and carry out repairing processes in curved parts of pipelines at an angle less than 45 degree. This kind of design and quality material packer has a smooth surface.

Type 2. Bendy packer type 2 is suitable for impassable and sharp angle more than 45 degree areas making it more stable when the packer inserting is located in the repair area. This kind of design packer should be used with flexible push road which is placed inside rear face of bendy packer.

FLANGED DUCKBILL CHECK - VALVE

FLANŞLI ÖRDEK GAGASI ŞEKİLLİ VALF



Product Code *Ürün Kodu*	Valve Dimensions / *Valf Ölçüleri*					Standard Flange Dimensions / *Standart Flanş Ölçüleri*						
	Internal Diameter *İç Çapı* (mm)	C (mm)	F / F (mm)	W (mm)	Weigth / Ağırlık (kg)	OD (mm)	C (mm)	id (mm)	d (mm)	d quantity -	T (mm)	Weigth / Ağırlık (kg)
FDBV150	150	240	285	247	4	280	240	186	23	8	15	3,7
FDBV200	200	295	346	306	6	335	295	230	23	8	15	5,1
FDBV250	250	350	400	380	10	390	350	300	23	12	15	5,2
FDBV300	300	400	430	480	13	440	400	360	23	12	15	5,3
FDBV350	350	460	520	540	20	500	460	410	23	16	17	7,7
FDBV400	400	515	550	605	21	565	515	460	25	16	17	10,4
FDBV450	450	565	605	645	26	615	565	514	25	20	17	10,5
FDBV500	500	620	630	750	35	670	620	564	25	20	17	13
FDBV600	600	725	760	880	57	780	725	668	30	20	17	15,1
FDBV700	700	840	775	950	70	895	840	772	30	24	20	20,3
FDBV800	800	920	860	1220	90	975	920	874	30	24	20	21,3
FDBV900	900	1020	940	1320	115	1075	1020	976	30	24	20	23,8
FDBV1000	1000	1120	1150	1430	142	1175	1120	1078	30	28	20	25,3
FDBV1200	1200	1340	1210	1430	180	1400	1340	1290	30	32	25	40,1

We can make tailored manufacturing in line with the requests of our customers.

ÇAĞ – TEK Plastik Lastik Tekstil Konfeksiyon San. Ve Tic. Ltd. Şti has developed Rubber and nylon canvas reinforced duckbill valves under the brand name FAB – COB® to provide a mono-directional flow of fluids.

Depending on the area of application, we have different rubber types such as NR/NBR/EPDM/CR/IIR/CSM.

Flange connection materials can be manufactured of stainless steel /galvanized steel.

The flexible rubber sleeve is normaly closed but will react and open with as little a 1 inch of head pressure and can even seal around trapped solids with as 1 psi of back pressure.

CLAMPED DUCK BILL CHECK - VALVE

KELEPÇELİ ÖRDEK GAGASI ŞEKİLLİ VALF



Product Code *Ürün Kodu*	Internal Diameter *İç Çapı* (mm)	OD (mm)	F / F (mm)	W (mm)	Weigth / Ağırlık (kg)	Q (mm)	Quantity -	W (mm)	Weigth / Ağırlık (kg)
KDBV150	150	159	270	247	2,17	183	2	25	0,6
KDBV200	200	219	340	306	3,77	246	2	25	0,7
KDBV250	250	273	416	380	5,75	300	2	25	0,9
KDBV300	300	325	484	480	7,96	360	2	30	1,1
KDBV350	350	460	520	540	12,10	500	2	25	1,3
KDBV400	400	426	630	605	13,58	480	2	30	1,5
KDBV450	450	480	670	645	16,27	530	2	40	1,7
KDBV500	500	530	737	750	29,90	580	2	40	2,3
KDBV600	600	630	862	880	41,60	680	2	40	2,6
KDBV700	700	720	932	950	52,00	780	4	40	3
KDBV800	800	820	1060	1220	74,00	890	4	40	3,9
KDBV900	900	920	1115	1320	88,00	1000	4	45	4,2
KDBV1000	1000	1020	1260	1430	110,00	1100	4	45	5
KDBV1200	1200	1220	1490	1430	155,00	1300	4	50	6

We can make tailored manufacturing in line with the requests of our customers.

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Depending on the area of application, we have different rubber types such as NR/NBR/EPDM/CR/IIR/CSM.

Clamps can be manufactured of stainless steel /galvanized steel.

The flexible rubber sleeve is normaly closed but will react and open with as little a 1 inch of head pressure and can even seal around trapped solids with as 1 psi of back pressure.

LIFTING BAGS

HAVA YASTIĞI



Part Number *Ürün Kodu* -	Max. Lifting Thrust *Mak. Kaldırma Kuvveti* (t)	Max. Lifting Heigth *Mak. Kaldırma Yüksekliği* (mm)	With *Eni* (mm)	Product Size *Ürün Boyu* (mm)	Handless *Kulp Adedi* -
LB115	1,15	75	140	140	X
LB350	3,5	100	260	200	X
LB620	6,2	170	300	300	X
LB1030	10,3	210	380	380	4
LB1300	13	170	300	600	4
LB1840	18,4	290	500	500	4
LB2430	24,3	200	330	1000	4
LB2700	27	360	600	600	4
LB3700	37	420	700	700	4
LB4870	48,7	470	800	800	4
LB6200	62	500	900	900	4
LB7600	76,8	590	1000	1000	4

These pillows are made with high quality rubber. The lifting bags allow moving heavy objects during natural disasters, to release people in the road and rail accidents, to make installation of heavy machinery.

It also helps with installation, and remote maintenance of all types of pipelines, used for cracking and removal of stone blocks. Can be widely applied on the ground and used for processes in the army. For this product we have mining approval

Standard type series are available in 12 sizes with capacities from 1 to 76 tons.

Maximum working pressure: 8 bar

Test Pressure: 12 bar

Brust Pressure > 32 bar

These type of lifting bag can be produced with more or less workingpressure according to customer needs and we have mining approval

PNEUMATIC VEHICLE LIFTING BAG

HAVALI ARAÇ KALDIRMA YASTIKLARI



Part Number *Ürün Kodu* -	Max. Lifting Thrust *Mak. Kaldırma Kuvveti* (t)	Max. Lifting Heigth *Mak. Kaldırma Yüksekliği* (mm)	Dimensions *Ebatlar* (mm)	Insertion Height *Yükleme Yüksekliği* (mm)	Max. Working Pressure *Mak. Çalışma Basıncı* (bar)
HAKY70070005	1,10	550	700 x 90 x 700	90	0,5
HAKY70070020	4,40	550	700 x 110 x 700	110	2,0

It is used for lifting the cars, pick-up trucks, low-body vehicles.

It is generally an excellent option for towing companies, mechanics, tire repairmen or those who would like to lift the vehicles in a safe and rapid manner.

LEAK SEALING BAG

SIZINTI HAVA YASTIĞI



Part Number *Ürün Kodu* -	Product Width *Ürün Eni* (mm)	Product Length *Ürün Boyu* (mm)	Thickness *Kalınlık* (mm)	Max. Working Pressure *Mak. Çalışma Basıncı* (bar)	Product Weigth *Ürün Ağırlığı* (kg)	Surface Pressure *Yüzey Basıncı* (bar)
L3006002015	300	600	20	1,5	7	1,4
L3006005060	300	600	50	6	10	5,9

These plugs are used to quickly seal leaks for the reservoirs, treatment plants and pipelines.

These plugs can be used for sealing of the closing holes with the tightening of belts considered as damage.

ACCESSORIES

AKSESUARLAR

PROTECTIVE SLEEVE FROM 70 TO 3600 MM PLUGS

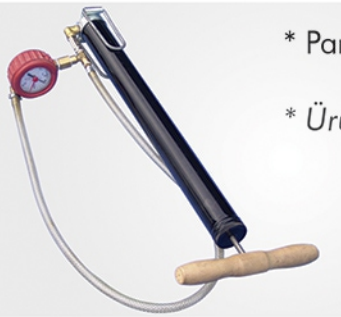
KORUMA KILIFI



Part Number *Ürün Kodu* -	Size *Ebat* -	Weigth *Ağırlık* (kg)	Part Number *Ürün Kodu* -	Size *Ebat* -	Weigth *Ağırlık* (kg)
SAB50100	50 - 100	0,2	SAB200500	200 - 500	2,4
SAB70150	70 - 150	0,3	SAB300600	300 - 600	3,7
SAB100200	100 - 200	0,4	SAB375750	375 - 750	6,0
SAB150300	150 - 300	0,6	SAB5001000	500 - 1000	8,0
SAB200400	200 - 400	1,8	SAB6001200	600 - 1200	12

These heavy-duty protective sleeves are ideally suited for massive and large operations by considerably extending life of the pipe plugs. They also offer additional puncture resistance and protection from damage caused by sharp objects in the pipe. Sleeves are very easy to install and are made according to the needs of specific plugs. The diameter range is from 50 to 2000 mm.

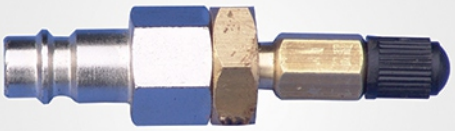
HAND PUMP
EL POMPASI



* Part Number : HP01

* *Ürün Kodu: HP01*

HAND PUMP ADAPTOR
EL POMPASI ADAPTÖRÜ



* Part Number / *Ürün Kodu: HPA01*

FOOT PUMP A PISTON
TEK PİSTONLU AYAK POMPASI

* Part Number : FP01

* *Ürün Kodu: FP01*



FOOT PUMP DUAL PISTON
ÇİFT PİSTONLU AYAK POMPASI

* Part Number : FP02

* *Ürün Kodu: FP02*



ACCESSORIES

AKSESUARLAR

AIR TEST ADAPTER
HAVA İLE TEST ADAPTÖRÜ



Part Number *Ürün Kodu* -	Thread *Dişi* (inch)	Description *Türü* (inch)
ATA12	1/4"	2 x 1/4"
ATA20	1/2"	2 x 1/4"
ATA30	1"	2 x 1/4"
ATA50	2"	2 x 1/4"
ATA100	4"	2 x 1/2"
ATA150	6"	2x1"

INFLATION CONTROLLER
BASINÇ KONTROL KUMANDASI



Part Number *Ürün Kodu* -	Description *Basınç* -
C15	1,5
C25	2,5
C30	3,0
C60	6,0
C80	8,0

INFLATION HOSE

HAVA HORTUMU



Part Number *Ürün Kodu* -	Inner Diameter *İç Çap* (mm)	Length *Uzunluk* (m)
H1006	10	6
H1012	10	12

INFLATIONS HOSE COATED ROPE

TEKSTİL KAPLANMIŞ HAVA HORTUMU



Part Number *Ürün Kodu* -	Inner Diameter *İç Çap* (mm)	Length *Uzunluk* (m)
HC1006	10	6
HC1012	10	12

ACCESSORIES

AKSESUARLAR

PUSH STICK

İTME ÇUBUĞU



Part Number *Ürün Kodu* -	Push Rod *İtme Çubuğu* (m)
ST06	0,6
ST10	1
ST15	1,5
ST20	2

HAND PUMP EXTENSION HOSE

EL POMPASI UZATMA HORTUMU



* Part Number : HPH01

* *Ürün Kodu: HPH01*

AIR AND WATER TEST ADAPTOR

HAVA VE SU İLE TEST ETME KOLLEKTÖRÜ



Part Number *Ürün Kodu* -	Thread *Dişi* (inch)
AWT30	1"
AWT50	2"
AWT75	3"
AWT100	4"
AWT150	6"

ACCESSORIES

AKSESUARLAR

WATER HOSE

SU HORTUMU



Part Number *Ürün Kodu* -	Thread *Dişi* (inch)	Length *Uzunluk* (m)
WH30	1"	10
WH50	2"	10
WH75	3"	10
WH100	4"	10
WH150	6"	10

HOSE WITH MANOMETER FOR TEST WITH AIR

MANOMETRELİ HAVA İLE VEYA SU İLE TEST HORTUMU



Part Number *Ürün Kodu* -	Length *Uzunluk* (m)
ATH1006	6
ATH1012	12

WATER GAUGE FOR WATER TEST

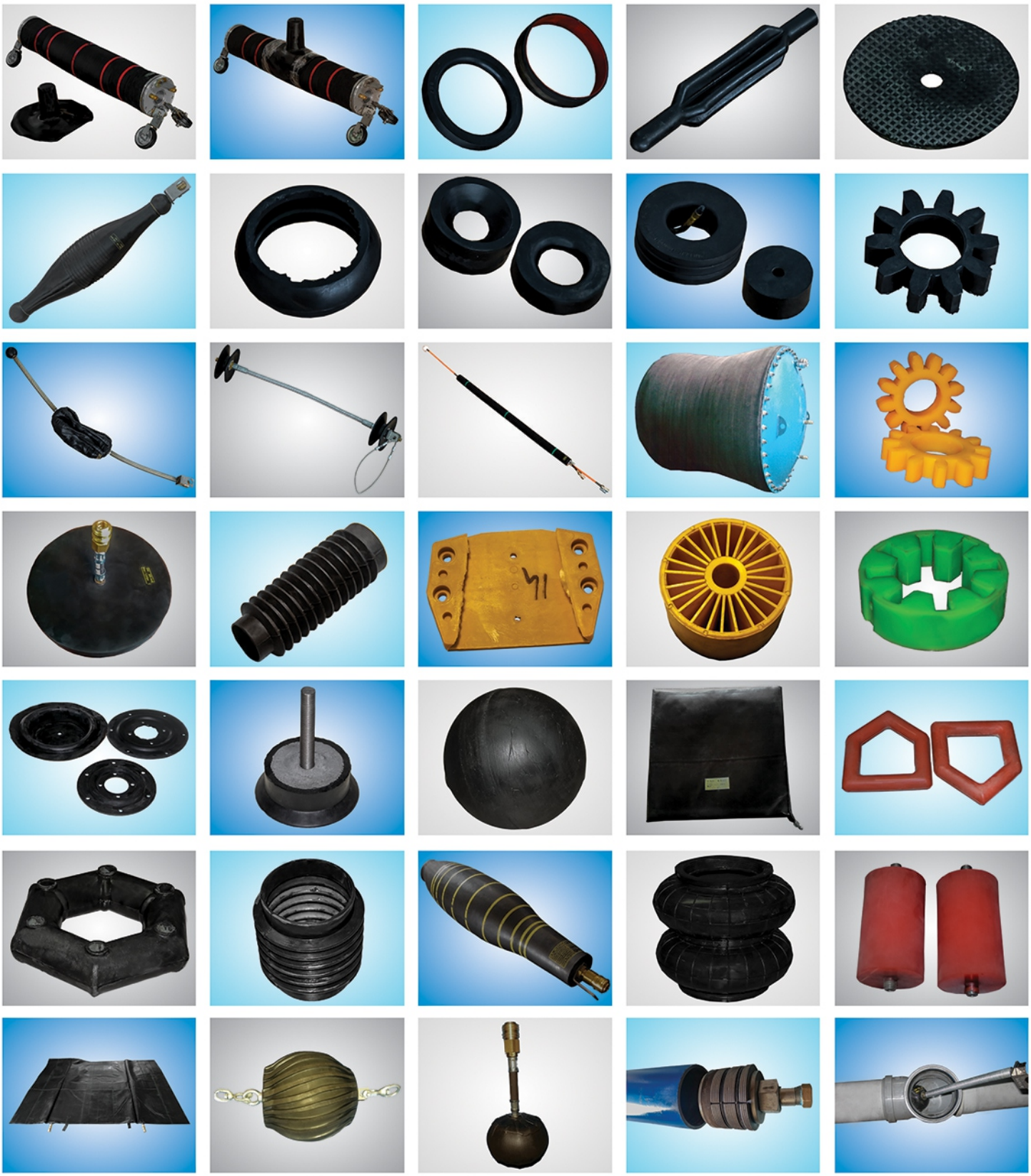
SU İLE TEST YAPMA ŞAMANDIRASI



Part Number *Ürün Kodu* -	Description *Türü* -
FWT1	1/4"

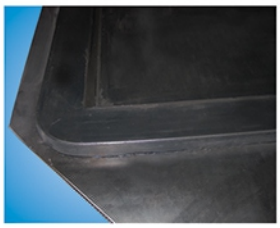
MÜŞTERİYE ÖZEL ÜRÜNLER

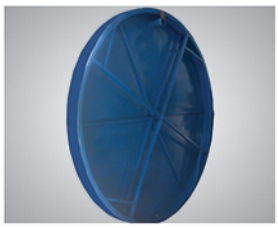
CUSTOMER SPECIAL PRODUCTS

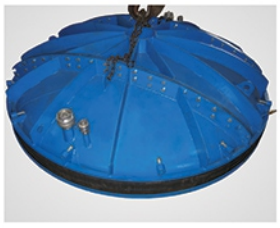


MÜŞTERİYE ÖZEL ÜRÜNLER

CUSTOMER SPECIAL PRODUCTS

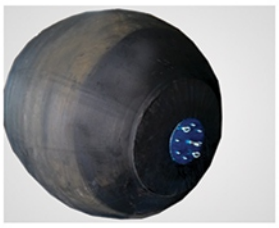



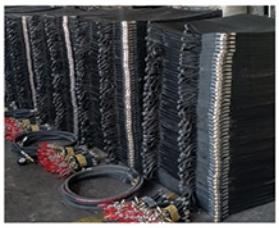
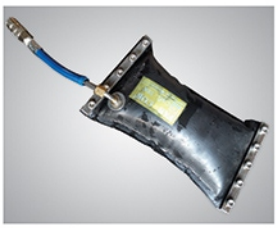




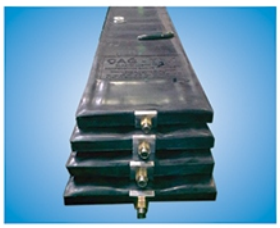








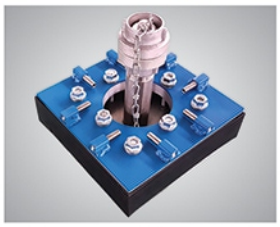















ASR American Systems Registrar ANAB ISO 9001:2008 Kalite Yönetim Sistemi

CE

ASR American Systems Registrar ANAB ISO 9001:2008 Quality Management System

ÇAĞ-TEK

PLASTİK LASTİK TEKSTİL KONFEKSİYON SAN. VE TİC. LTD. ŞTİ.

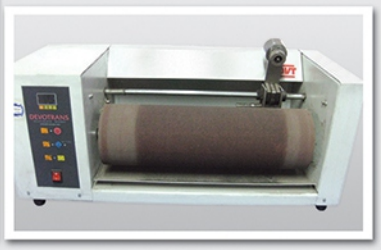
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