

# FAB-COB®

PIPE LINE TESTING EQUIPMENT  
KANALİZASYON TEST EKİPMANLARI



[www.fabcob.com](http://www.fabcob.com)

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 On-time 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
- Lifting bag
- 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;

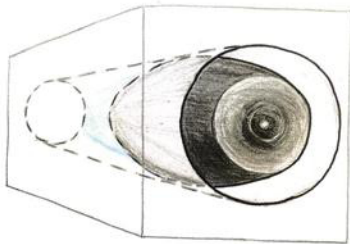
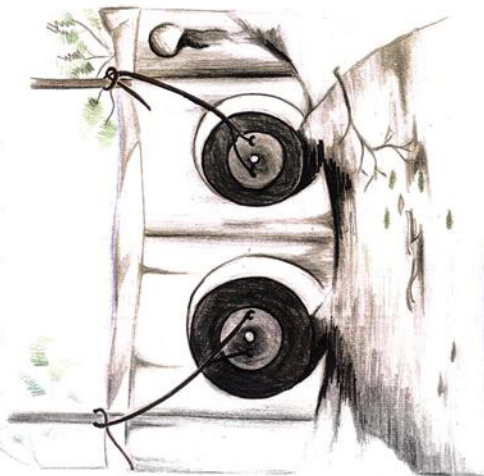
- Esnek, multiebat boru tıkama tapaları
- Esnek, multiebat boru test tapaları
- Tek ebat boru tapaları
- Multiebat metal aksamli kanal test tapaları
- Tek ebat metal aksamli kanal test tapaları
- Multiebat oval kanal test tapaları
- Multiebat kısa metalli kanal tamir körükleri
- Multiebat esnek by-pass'lı kanal tamir körükleri
- Hava yastıkları
- Silindir kauçuk kaplama
- Ordek Gagası Şeklinde Çek Valf

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

# CONTENTS

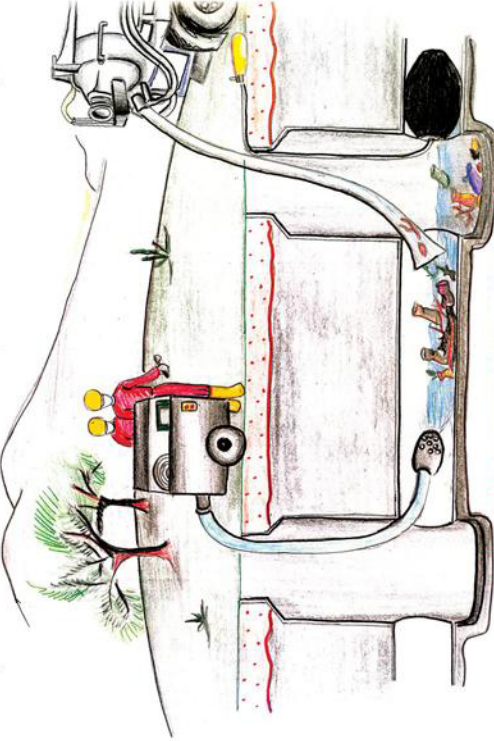
# İÇİNDEKİLER

- Usage Areas / Kullanım Alanları.....	3 - 19
- Roll Covering / Silindirik Kauçuk Kaplama .....	20 - 21
- Multi Size Pipe Plug 1,5 Bar / Multi Ebat Kanal Tıkama Tapası 1,5 Bar.....	22 - 23
- Multi Size Pipe Plugs 2,5 Bar / Multi Ebat Kanal Tıkama Tapası 2,5 Bar.....	24
- Multi Size Flexible Pipe Test Plug 1,5 Bar / Multi Ebat Esnek Kanal Test Tapası 1,5 Bar.....	25
- Multi Size Flexible Pipe Test Plug 2,5 Bar / Multi Ebat Esnek Kanal Test Tapası 2,5 Bar.....	26
- Conical Shrinking Pipe Plug / Konik Büzülen Tapa.....	27
- Small Pipe Plug / Küçük Boru Tapası.....	28 - 29
- Small Pipe Test Plug / Küçük Boru Test Tapası.....	30
- Multi Size Pipe Plugs With By-Pass and Metal Core / Multi Ebat By-Pass'lı Metalli Boru Test Tapası.....	31
- Multi Size Pipe Plug With Metal Core and Large Bypass / Multi Ebat Metalli Kanalizasyon Bypass Tapası.....	32
- Multi Size Short Pipe Plug / Multi Ebat İsa Boru Tapası.....	33
- Multi Size Short Pipe Test Plug / Multi Ebat Kısa Boru Test Tapası.....	34
- Joint Test / Ek Yeri Testi.....	35
- Single Size Mechanical Pipe Plug / Tek Ebat Mekanik Boru Tapası.....	36
- Single Size Mechanical Pipe Test Plug / Tek Ebat Mekanik Boru Test Tapası.....	37
- Zinc Plated Steel Test Plug / Galvaniz Plakalı Test Tapası.....	38
- Alu Mechanical Single Size High Pressure Test Plug / Alüminyum Plakalı ve Gergili Yüksek Basınç Test Tapası.....	39
- Single Size Test Plug With Metal Core / Tek Ebat Metalli Boru Test Tapası.....	40
- High Pressure Pipe Plug / Yüksek Basıncılı Boru Tapası.....	41
- Manhole Test Plug / Rögar Test Tapası.....	42
- Low Air Test Pipe Plug / Düşük Basınç Test Tapası.....	43
- Oval Pipe Plug / Oval Boru Tapası.....	44
- Multi Size Cone Pipe Plugs and Test Plug / Multi Ebat Konik Tapa ve Test Tapası.....	45
- Short Packer With Metal Core and Chassis / Kısa Metalli Boru Tamir Körüğü.....	46
- Flexible Packer With Bypass and Whels / Esnek Bypass ve Tekerli Tamir Körüğü.....	47
- Lateral Packer / Ev Hattı Tamir Körüğü.....	48
- Bandy Packer / Dirsek Tamir Körüğü.....	49
- Flanged Duckbill Check - Valve / Flaşlı Ördek Gagası Şekilli Valf.....	50
- Clamped Duckbill Check - Valve / Kelepçeli Ördek Gagası Şekilli Valf.....	51
- Lifting Bags / Hava Yastığı.....	52
- Pnumatic Vehicle Lifting Bag / Havalı Araç Kaldırma Yastıkları.....	53
- Leak Sealing Bag / Sızıntı Hava Yastığı.....	54
- Accessories / Aksesuarlar.....	55 - 58
- Customer Special Products / Müşteriye Özel Ürünler.....	59 - 60



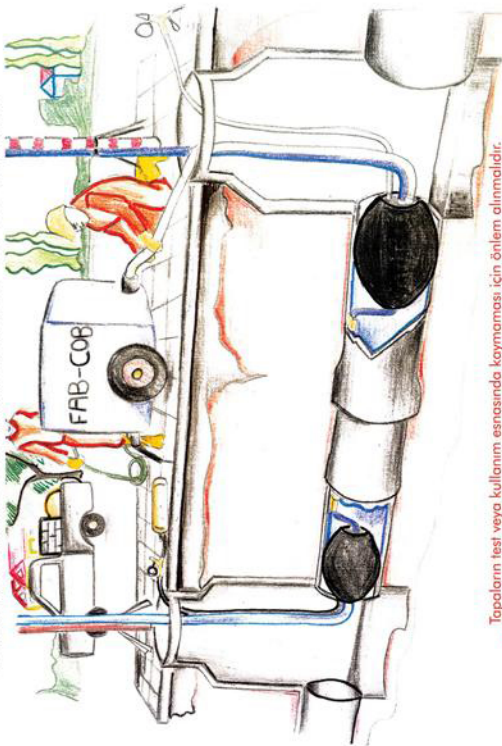
Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.  
Precautions must be taken in order for the plugs not to shift during testing or use.

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



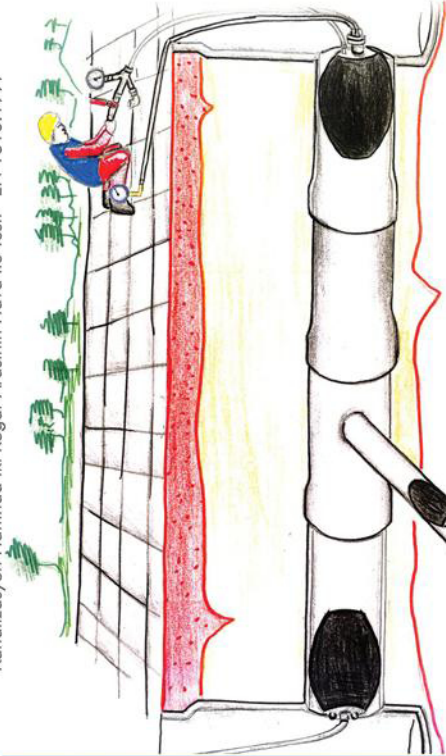
Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.  
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Testing Between Two Manholes By Water In Sewerage System Line EN 1610:1997  
Kanalizasyon Hattında İki Rogar Arasının Su İle Testi EN 1610:1997



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

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



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

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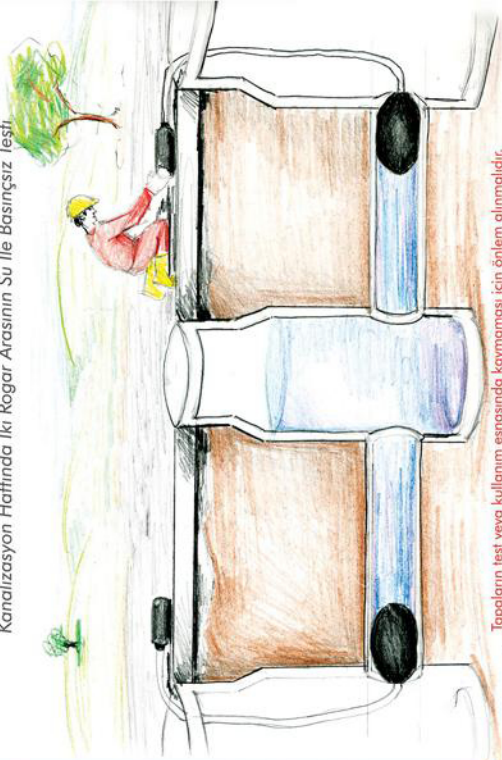


Testing Between Two Manhole By Water With Two By-pass Plug EN 1610:1997  
 Kanalizasyon Hatlarında İki Rogar Arasının Su ve Tapa İle İki By-pass'lı Testi EN 1610:1997



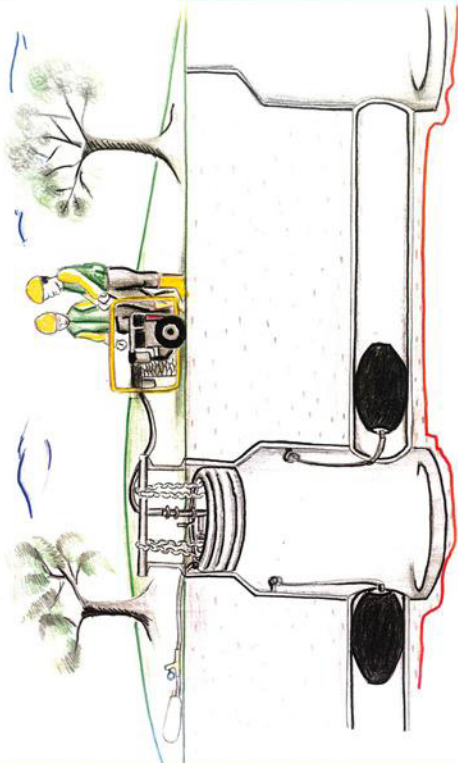
Tapaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.  
 Precautions must be taken in order for the plugs not to shift during testing or use.

Testing Between Two Manholes By Water Without Pressure  
Kanalizasyon Hatlarında İki Rogar Arasının Su İle Basıncısız Testi



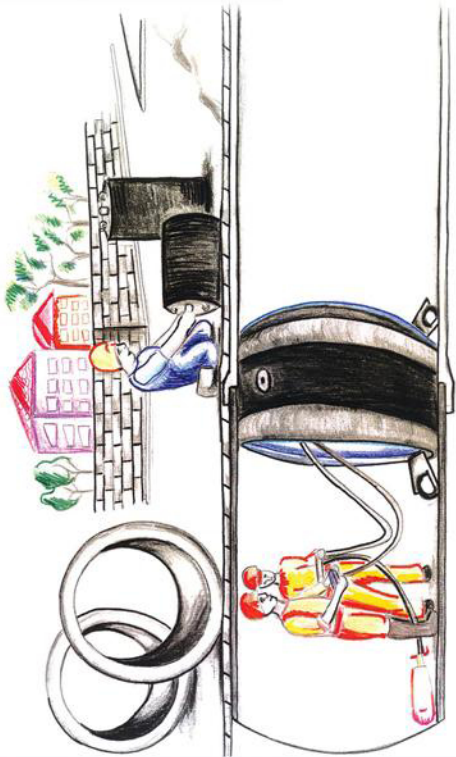
Topaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.  
Precautions must be taken in order for the plugs not to shift during testing or use.

Testing The Manhole By Air EN 1610:1997



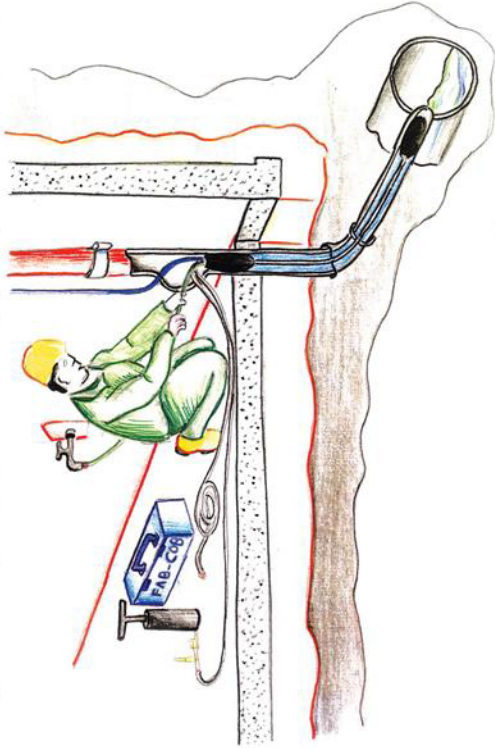
Rogarrın Hava İle Testi EN 1610:1997

Testing The Muff By Air In Sewerage System Line EN 1610:1997



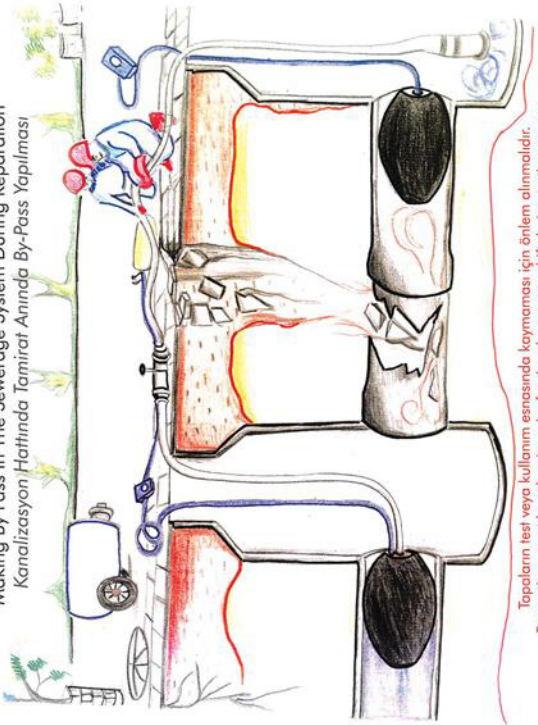
Kanalizasyon Hattında Manşonun Hava İle Testi EN 1610:1997

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



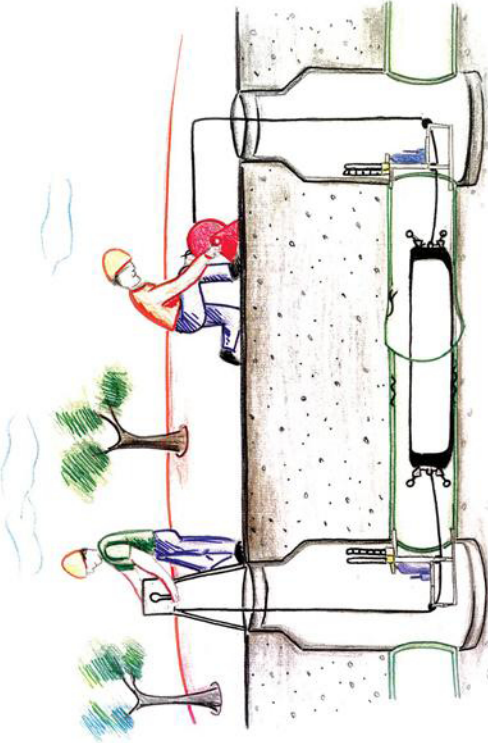
Ev Boru Hattının Ana Kanalizasyona Kadar Su veya Hava İle Testi EN 1610:1997

Making By Pass In The Sewerage System During Reparation  
Kanalizasyon Hattında Tamirat Anında By-Pass Yapılması



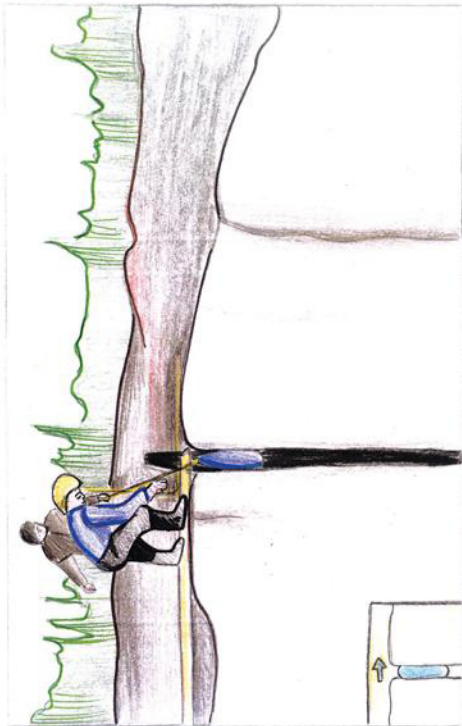
Topaların test veya kullanım esnasında kaymaması için önlem alınmalıdır.  
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Reparation Of Cracked Points In The Sewerage System By Packer



Kanalizasyon Hattında Çatlak Yerlerin Packer İle Tamirah

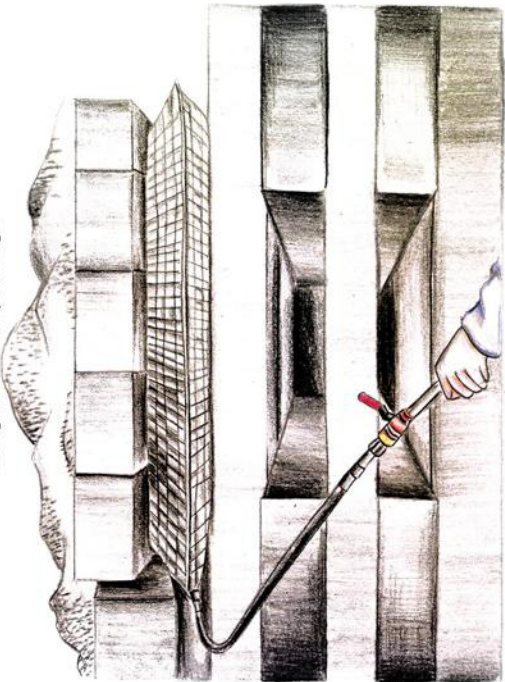
Overturning The Marble Blocks By Air Bags



Mermer Blokların Hava Yastığı İle Devrilmesi

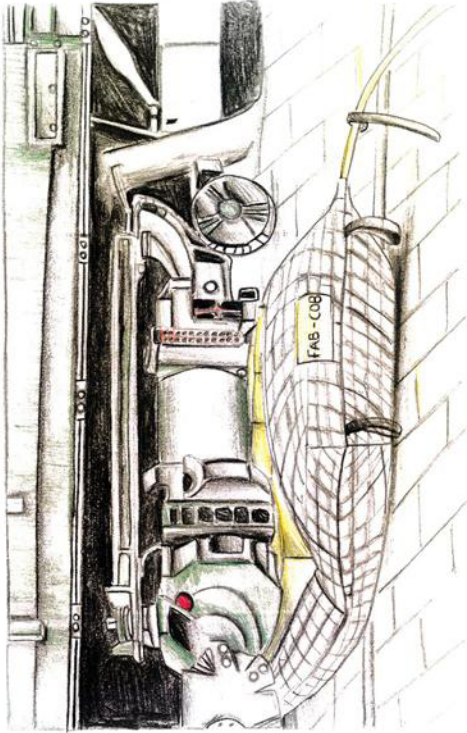


Lifting The Blocks By Air Bags



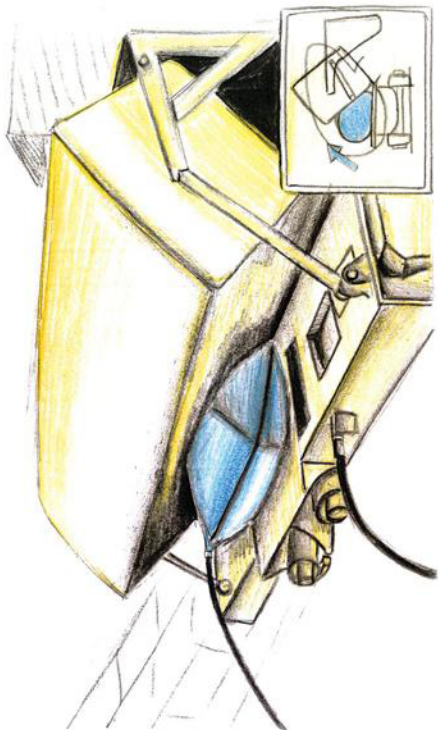
Havayastığı ile Blokların Kaldırılması

Shifting The Train Off The Rail By Air Bag



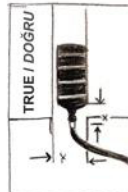
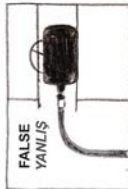
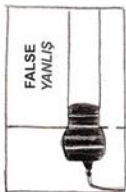
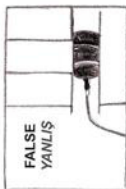
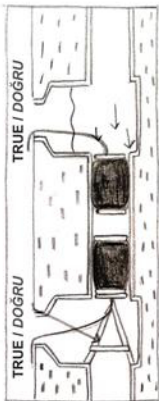
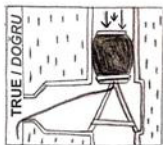
Trenin Havayastığı İle Raydan Kaydırılması

Air Bag's Operating As a Pneumatic Piston



Hava Yastığının Pnömatik Piston Görevi Yapması

## Issues To Take Into Consideration When Using Stopper

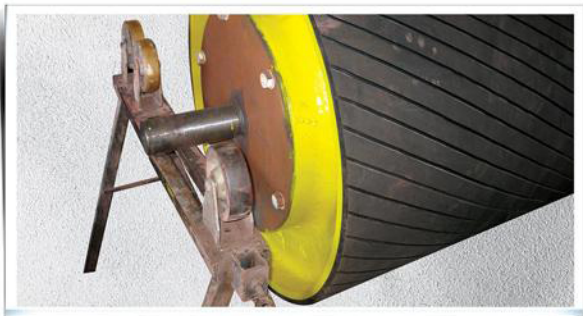


Tapa Kullanımında Dikkat Edilecek Hususlar

## ROLL COVERING

## SİLİNDİR KAUÇUK KAPLAMA

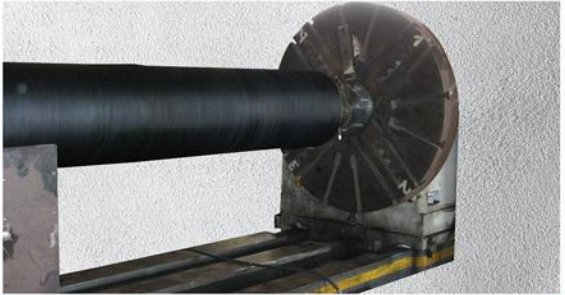
- \* IF THE SUBJECT IS COATING CYLINDERS ÇAĞ-TEK IS THE BEST PARTNER FOR YOU.
- \* UNDER THE LIGHT OF OUR EXPERIENCES WHICH WE HAVE ACQUIRED IN AND OUT OF THE COUNTRY IN RESPECT WITH CYLINDER COATING, WE HAVE BEEN OPERATING FOR THE COATING SECTOR, UNDER THE BRAND TITLE FAB-COB;
- RUBBER MANUFACTURING,
- 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 İŞİĞİNDA SİLİNDİR KAPLAMA SEKTÖRÜNE FAB-COB MARKASI ADI ALTINDA;
- KAUÇUK İMALATI,
- ÖZEL İSTEKLER DOĞRULTUSUNDA AR-GE ÇALIŞMALARI,
- KAUÇUK KAPLAMALI KOMPLE SİLİNDİR İMALATI,
- KONVEK-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 Weight 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	80	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	0,65	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 cord. 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 Weight Ürün Ağırlığı (kg)
KAB0570	35 - 70	35	70	2.5	33	300	0.2
KAB07100	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	500	1.0
KAB150300	150 - 300	150	300	2.5	138	550	1.2
KAB200400	200 - 400	200	400	2.5	185	650	3.8
KAB300600	300 - 600	300	600	2.5	265	860	7.0
KAB75750	375 - 750	375	750	2.5	360	1000	9.7
KAB001000	800 - 1000	800	1000	2.5	485	1150	22.0
KAB001200	800 - 1200	800	1200	2.5	585	1300	28.0
KAB001600	800 - 1600	800	1600	2.5	780	1800	35.0

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

Min. Working Pressure - Min. Çalışma Basıncı (bar)	35-70	50-100	75-150	100-200	150-300	200-400	300-600	500-1000	800-1200
35	1.8								
50	1.8	1.8							
75	1.8	1.8	2.0						
100		1.8	1.8	2.0					
150			1.8	1.8	2.0				
200				1.8	1.8	2.0			
300					1.8	1.8	2.0		
400						1.8	1.8		
500							1.8	2.0	
600								1.8	2.0
750									1.8
1000									
1200									
1600									

**MULTI 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 (Seri Roda)	Nominal Size (Nominal Ebat)	Mk. Pipe Diameter Mik. Bore Caps (mm)	Mak. Pipe Diameter Mak. Bore Caps (mm)	Mak. Working Pressure Mak. Caguma Basamu (bar)	Product Diameter Dinai Capir (mm)	Product Total Length Dinai Dangkal (mm)	Bypass Diameter Bypass Capir (inch)	Product Weight (Dinai Ajatig) (kg)
APB01001	50-100	50	100	1.5	45	230	1/4"	1.0
APB01002	50-100	50	100	1.5	45	230	2 x 1/8"	1.2
APB70101	70-150	70	150	1.5	64	400	1/2"	1.2
APB70102	70-150	70	150	1.5	64	400	2 x 1/4"	1.3
APB100201	100-200	100	200	1.5	86	500	1"	1.8
APB100202	100-200	100	200	1.5	86	500	1/2" x 1/2"	1.9
APB150301	150-300	150	300	1.5	138	560	2"	4.0
APB150302	150-300	150	300	1.5	138	560	2 x 1"	4.2
APB200401	200-400	200	400	1.5	185	680	2"	7.2
APB200402	200-400	200	400	1.5	185	680	2 x 1"	7.4
APB200501	200-500	200	500	1.5	185	820	2"	8.0
APB200502	200-500	200	500	1.5	185	820	2 x 1"	9.0
APB200601	200-600	200	600	1.5	285	890	2"	11.0
APB200602	200-600	200	600	1.5	285	890	2" x 1"	11.7
APB275701	275-750	275	750	1.5	360	1000	2"	18.0
APB275702	275-750	275	750	1.5	360	1000	2" x 1"	20.0
APB501001	500-1000	500	1000	1.5	485	1200	2"	27.0
APB501002	500-1000	500	1000	1.5	485	1200	2 x 2"	28.0
APB601201	600-1200	600	1200	1.5	585	1400	2"	35.0
APB601202	600-1200	600	1200	1.0	585	1400	2 x 2"	36.0
APB801601	800-1600	800	1600	1.0	790	1900	2"	47.0
APB801201	800-1200	800	1200	1.5	790	1200	2"	36.0
APB801202	800-1200	800	1200	1.5	790	1200	2 x 2"	38.0
APB801801	800-1800	800	1800	1.0	790	1800	2"	48.0
APB801802	800-1800	800	1800	1.0	790	1800	2 x 2"	48.0
APB8002001	800-2000	800	2000	1.0	790	2000	2"	96.0
APB8002002	800-2000	800	2000	1.0	790	2000	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 Bypass Çapı (inç)	Product Weight Ürün Ağırlığı (kg)
KAPB00701	35 - 70	35	70	2,5	33	300	1/18"	0,3
KAPB001001	50 - 100	50	100	2,5	45	330	1/2"	1,0
KAPB001002	50 - 100	50	100	2,5	45	330	2 x 1/16"	1,2
KAPB711501	70 - 150	70	150	2,5	64	400	1"	1,3
KAPB711502	70 - 150	70	150	2,5	64	400	2 x 1/8"	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	800	2"	11,0
KAPB3006002	300 - 600	300	600	2,5	285	850	2 x 1"	11,7
KAPB3757501	375 - 750	375	750	2,5	380	1000	2"	16,0
KAPB3757502	375 - 750	375	750	2,5	380	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
KAPB80012001	800 - 1200	800	1200	2,5	580	1400	2"	35,0
KAPB80012002	800 - 1200	800	1200	2,5	580	1400	2 x 2"	36,0
KAPB80016001	800 - 1600	800	1600	2,5	790	1600	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 Weight Ürün Ağırlığı (kg)
CSP2501	70 - 150	CSP501502	90 - 150	1,0	100 / 400	1,0
CSP2004001	100 - 400	CSP1504002	150 - 400	1,0	200 / 850	2,5
CSP2006001	200 - 600	CSP2006002	250 - 600	1,0	300 / 1000	6,0
CSP2008001	300 - 800	CSP2008002	300 - 800	1,0	400 / 1300	9,6
CSP40010001	400 - 1000	CSP40010002	400 - 1000	1,0	500 / 1800	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	65,3

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

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)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg)
CSTP1004001	100 - 400	CSTP1004002	150 - 400	1,0	200 / 850	2,0	4,5
CSTP2006001	200 - 600	CSTP2006002	250 - 600	1,0	300 / 1000	2,5	14,2
CSTP2008001	300 - 800	CSTP2008002	300 - 800	1,0	400 / 1300	2,5	20,2
CSTP40010001	400 - 1000	CSTP40010002	400 - 1000	1,0	500 / 1800	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 Weight Ürün Ağırlığı (kg)
ABE25	1"	24	25	2,5	23	25	0,10
ABE30	1 <sup>1/4</sup> "	30	32	2,5	29	30	0,15
ABE40	1 <sup>1/2</sup> "	38	42	2,5	37	40	0,15
ABE50	2"	48	54	2,5	45	75	0,25
ABE60	2 <sup>1/4</sup> "	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	18"	400	400	2,5	380	480	4,4
ABE500	20"	500	500	2,5	485	450	5,5
ABE600	24"	600	600	2,5	585	450	8,3
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 Weight Ürün Ağırlığı (kg)
ABE2030	0.75" - 1.2"	20	30	2.5	18	100	0.12
ABE3040	1" - 1.5"	30	40	2.5	29	30	0.16
ABE3050	1" - 2"	30	50	2.5	29	100	0.18
ABE3075	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)	Max. Pipe Diameter Max. Boru Çapı (mm)	Max. Working Pressure Max. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Rubber Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg)
APB20	1 1/4"	30	32	2,5	29	30	1 1/8"	0,14
APB40	1 1/2"	38	42	2,5	37	40	1 1/8"	0,15
APB50	2"	48	54	2,5	49	50	1 1/8"	0,25
APB60	2 1/4"	58	65	2,5	56	60	1 1/2"	0,30
APB75	3"	72	79	2,5	69	75	1 1/2"	0,45
APB100	4"	90	105	2,5	88	100	1 1/2"	0,6
APB150	6"	135	150	2,5	138	150	2"	1,3
APB200	8"	200	200	2,5	180	200	2"	2
APB250	10"	250	250	2,5	225	250	2"	2,5
APB300	12"	300	300	2,5	285	300	2"	3,2
APB400	16"	400	400	2,5	380	400	2"	4,2
APB500	20"	500	500	2,5	480	490	2"	5,4
APB600	24"	600	600	2,5	580	490	2"	6,5
APB800	32"	800	800	2,5	780	1000	2"	30,0

Part Number Ürün Kodu	Nominal Size Nominal Ebat	Min. Pipe Diameter Min. Boru Çapı (mm)	Max. Pipe Diameter Max. Boru Çapı (mm)	Max. Working Pressure Max. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Rubber Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg)
APB1040	1 1/4"	30	40	2,5	29	30	1 1/8"	0,13
APB1075	2"-2"	48	75	2,5	48	80	1 1/2"	0,75
APB17100	3"-4"	88	105	2,5	88	150	1"	2,5
APB100100	4"-6"	90	100	2,5	88	100	1 1/2"	0,79
APB150200	6"-8"	135	200	2,5	138	200	2"	2,5
APB200200	8"-10"	200	200	2,5	180	200	2"	4
APB250300	10"-12"	250	300	2,5	225	300	2"	6
APB300300	12"-14"	300	300	2,5	285	300	2"	6,6
APB400400	16"-18"	400	400	2,5	380	400	2"	4,2
APB500500	20"-22"	500	500	2,5	480	490	2"	5,4
APB600600	24"-30"	600	600	2,5	480	490	2"	6,5
APB8001000	32"-40"	800	1000	2,5	780	1000	2"	30,0

## 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)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Max. Working Pressure Mak. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight 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"	15.7
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" + 1" + 4"	38
APBG5001200	500 - 1200	500	1200	1.5	440	980	2" + 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 Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg)
BPG10000	100 - 200	100	200	1.5	92	400	2"	4.5
BPG200000	200 - 500	200	500	1.5	190	680	4"	11.7
BPG300000	300 - 600	300	600	1.5	280	680	4"	22
BPG300750	300 - 750	300	750	1.5	280	750	4"	30
BPG500800	500 - 800	500	800	1.5	440	680	6"	38
BPG10001200	800 - 1200	800	1200	1.5	440	930	8"	80

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)	Max. Pipe Diameter Max. Boru Çapı (mm)	Max. Working Pressure Max. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Rubber Length Ürün Uzunluğu (mm)	Product Weight Ürün Ağırlığı (kg)
ABS70100	50-100	50	100	2,5	45	150	0,3
ABS70150	75-150	75	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)	Max. Pipe Diameter Max. Boru Çapı (mm)	Max. Working Pressure Max. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (Inch)	Product Weight Ürün Ağırlığı (kg)
APBS20100	50 - 100	50	100	2,5	48	150	1/8"	1
APBS20150	70 - 150	70	150	2,5	65	200	1/4"	1,2
APBS150200	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.

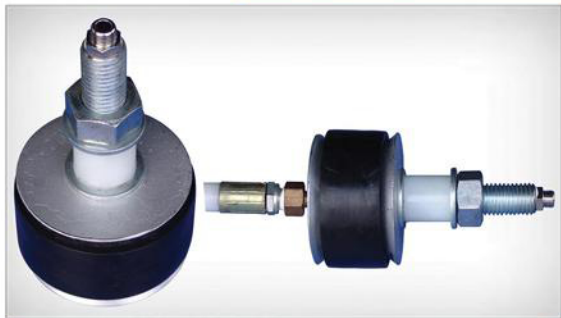
Drives it into the tube, and then it is inflated with air or water until it is seal tightly to pipe for checking the existence of faults or cracks in the pipeline.

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)	Max. Working Pressure Mak. Çalışma Basıncı (bar)
200	100	80	360	2,5
220	200	160	360	2,5
230	300	260	360	2,5
300	400	360	360	2,5
350	500	460	360	2,5
400	600	560	360	2,5
470	700	660	360	2,5
500	800	760	360	2,5
550	900	860	360	2,5
7100	1000	960	360	2,5
7100	1100	1060	360	2,5
7120	1200	1160	360	2,5
7130	1300	1260	360	2,5
7140	1400	1360	360	2,5
7150	1500	1460	360	2,5
7160	1600	1560	360	2,5
7170	1700	1660	360	2,5
7180	1800	1760	360	2,5
7190	1900	1860	360	2,5
2200	2000	1960	360	2,5
2210	2100	2060	360	2,5
2220	2200	2160	360	2,5
2230	2300	2260	360	2,5
2420	2400	2360	360	2,5
2520	2500	2460	360	2,5
2530	3000	2560	360	2,5

## SINGLE SIZE MECHANICAL PIPE PLUGS

## TEK EBAT MEKANİK BORU TAPASI



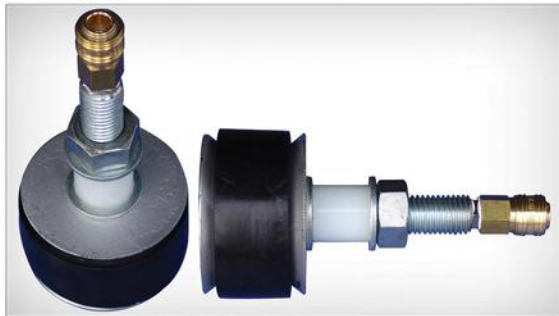
Part Number Ürün Kodu	Nominal Size Atıfınal Ebat	Min. Pipe Diameter Min. Boru Çapı (mm)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)
MTP6	1/4"	6	6,5	5,5	40
MTP9	3/8"	9	10	8,5	40
MTP12	1/2"	12	13	11,5	40
MTP30	1 1/4"	29	32	28	40
MTP38	1 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	152	146	40
MTP200	8"	199	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)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)
MPT06	1/4"	6	6,5	5,5	40	1/16"
MPT09	3/8"	9	10	8,5	40	1/8"
MPT12	1/2"	12	13	11,5	40	1/4"
MPT16	1 1/4"	28	32	28	40	1/2"
MPT18	1 1/2"	38	40	37	40	1/2"
MPT20	2"	48	51	47	40	1/2"
MPT25	2"	74	77	72	40	1/2"
MPT30	4"	88	102	96	40	1/2"
MPT30	6"	148	153	146	40	1/2"
MPT30	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 until 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



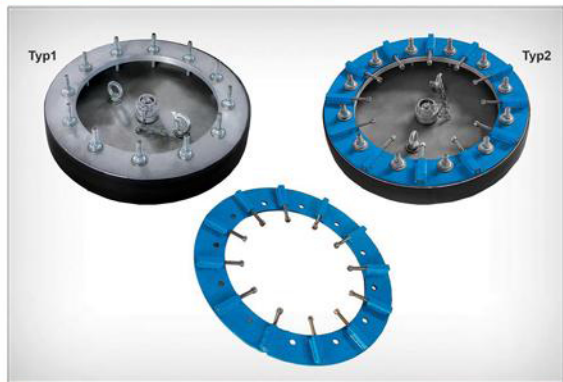
Part Number GİRİN KODU	Nominal Size Nominal Ebat	Min. Pipe Diameter Min. Boru Çapı (mm)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Max. Back Pressure Mak. Arka Basınç (bar)	Bypass Diameter Bypass Çapı (inch)
ZPSTP45	1 <sup>1/2</sup> "	36	50	2	1/2"
ZPSTP50	2"	50	60	2	1/2"
ZPSTP65	2 <sup>1/2</sup> "	60	75	2	1/2"
ZPSTP75	3"	75	85	1,2	1/2"
ZPSTP90	3 <sup>1/2</sup> "	85	100	1	1/2"
ZPSTP100	4"	95	105	0,8	1/2"
ZPSTP115	4 <sup>1/2</sup> "	110	125	0,8	1/2"
ZPSTP125	5"	120	140	0,8	1/2"
ZPSTP150	6"	145	160	0,5	1/2"

Double 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 until 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 Ölçü Kodu Typ 1	Part Number Ölçü 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. Arkaya Basınç (Bar)	Bypass Diameter Bypass Çapı (Inch)
AMS5HPP1200	AMS5HPP1200	200	180	208	6	1/2"
AMS5HPP1250	AMS5HPP1250	250	244	257	6	1/2"
AMS5HPP1300	AMS5HPP1300	300	290	310	6	1/2"
AMS5HPP1350	AMS5HPP1350	240	360	85	6	1/2"
AMS5HPP1400	AMS5HPP1400	400	396	412	6	1/2"
AMS5HPP1450	AMS5HPP1450	450	445	460	6	1/2"
AMS5HPP1500	AMS5HPP1500	500	490	508	6	1/2"
AMS5HPP1550	AMS5HPP1550	550	540	560	6	1/2"
AMS5HPP1600	AMS5HPP1600	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 until 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)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Max. Working Pressure Mak. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg)
FPF200	200	190	210	6	165	110	1"	2,7
FPF250	250	245	255	6	230	110	1"	3,9
FPF300	300	290	305	6	280	110	2"	4,9
FPF350	350	345	360	6	330	110	2"	5,9
FPF400	400	390	405	6	380	110	2"	7,0
FPF450	450	445	460	6	440	160	2"	15,7
FPF500	500	495	505	6	485	160	2"	17
FPF600	600	590	610	6	585	160	2"	20
FPF700	700	690	710	6	685	160	2"	24
FPF800	800	790	810	6	785	160	2"	34
FPF1000	1000	990	1010	6	960	160	2"	48

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)	Max. Pipe Diameter Max. Boru Çapı (mm)	Max. Working Pressure Mk. Çalışma Basıncı (bar)	Back Pressure Arka Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Product Weight Ürün Ağırlığı (kg)
HPN100	100	100	100	12	6	88	550	1,0
HPN150(150)	100 - 150	100	150	6	3	88	500	1,0
HPN150	150	150	150	12	6	138	550	1,2
HPN150(200)	150 - 200	150	200	6	3	138	500	1,2
HPN200	200	200	200	12	6	188	600	3,4
HPN200(300)	200 - 300	200	300	6	3	188	600	3,4
HPN300	300	300	300	12	6	288	800	6,8
HPN300(400)	300 - 400	300	400	6	3	288	800	6,8
HPN375	375	375	375	12	6	388	1000	9,4
HPN375(500)	375 - 500	375	500	6	3	388	1000	9,4
HPN500	500	500	500	12	6	488	1150	21,3
HPN500(600)	500 - 600	500	600	6	3	488	1150	21,3
HPN600	600	600	600	12	6	588	1300	25,5
HPN600(700)	600 - 700	600	700	6	3	588	1300	25,5
HPN800	800	800	800	12	6	788	1500	40,0
HPN800(1000)	800 - 1000	800	1000	6	3	788	1500	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)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Max. Working Pressure Mak. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg)
SPK300850	800 - 800	800	850	1,5	380	250	2 x 1/4"	5
SPK300850	800 - 850	800	850	1,5	790	250	2 x 1/4"	7
SPK10001050	1000 - 1050	1000	1050	1,5	380	250	2 x 1/4"	9
SPK300850	800 - 850	800	850	1,5	380	250	2"	5,5
SPK300850	800 - 850	800	850	1,5	790	250	2"	7,5
SPK10001050	1000 - 1050	1000	1050	1,5	980	250	2"	8,5

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 Ölçü Kodu	Nominal Size Nominal Ebatı	Min. Pipe Diameter Min. Boru Çapı (mm)	Max. Pipe Diameter Max. Boru Çapı (mm)	Min. Working Pressure Min. Çalışma Basıncı (bar)	Product Diameter Ölçü Çapı (mm)	Product Total Length Ölçü Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ölçü Ağırlığı (kg)
MTS300430	300 - 400	300	400	1,5	280	250	2 x 1/4"	2
MTS400520	400 - 500	400	500	1,5	380	250	2 x 1/4"	3
MTS500610	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



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.

Part Number Dışın Kodu	Nominal Dia Nominal Çap	Min. Pipe Diameter Min. Boru Çapı	Max. Pipe Diameter Max. Boru Çapı	Max. Working Pressure Max. Çalışma Basıncı	Product Diameter Dışın Çapı	Product Total Length Dışın Uzunluğu	Product Weight Dışın Ağırlığı
CHB20000	200 - 300 200 - 375 300 - 400	200 - 300	300 - 450	1,5	160 x 260	700	9
CHB30000	300 - 450 300 - 525 400 - 500	300 - 400	500 - 750	1,5	200 x 300	800	15
CHB40000	400 - 600 500 - 900	300 - 400	600 - 900	1,5	280 x 300	1000	25

## MULTI SIZE FLEXIBLE EGG SHAPE PIPE TEST PLUGS

## ESNEK OVAL BORU TEST TAPASI



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.

Part Number Dışın Kodu	Nominal Dia Nominal Çap	Min. Pipe Diameter Min. Boru Çapı	Max. Pipe Diameter Max. Boru Çapı	Max. Working Pressure Max. Çalışma Basıncı	Product Diameter Dışın Çapı	Product Total Length Dışın Uzunluğu	Bypass Diameter Bypass Çapı	Product Weight Dışın Ağırlığı
CHP20000	200 - 300 200 - 375 300 - 400	200 - 300	300 - 450	1,5	160 x 260	700	2"	11
CHP30000	300 - 450 300 - 525 400 - 500	300 - 400	500 - 750	1,5	200 x 300	800	2,5"	21
CHP40000	400 - 600 500 - 900	300 - 400	600 - 900	1,5	280 x 300	1000	2,5"	30

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)	Max. Pipe Diameter Mak. Boru Çapı (mm)	Max. Working Pressure Mak. Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Diameter For Insulation (mm)	Product Weight Ürün Ağırlığı (kg)
CAB0100	50 - 100	45	100	2,5	45	430	35	0,4
CAB0150	70 - 150	70	150	2,5	64	470	40	0,6
CAB10000	100 - 200	100	200	2,5	88	650	45	1,0
CAB15000	150 - 300	150	300	2,5	138	750	50	1,2
CAB200400	200 - 400	200	400	2,5	185	650	70	3,4
CAB200800	300 - 600	300	600	2,5	285	1050	90	6,6
CAB375750	375 - 750	375	750	1,5	360	1300	120	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 ° 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 Silindirik Uzunluğu (mm)	Min. Contact Min. Kontak (mm)	Required Inflation Pressure Çalışma Basıncı (Bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (mm)	Product Weight Ürün Ağırlığı (kg)
SP15000	150 - 200	750	580	2	110	1020	85	6,5
SP20000	250 - 300	750	600	2	190	1580	150	13
SP30000	300 - 400	800	525	1,5	240	1100	200	16
SP35000	350 - 450	800	550	1,5	285	1100	245	19
SP50000	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. Kontakt (mm)	Required Inflation Pressure Çalıştırma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Bypass Diameter Bypass Çapı (inch)	Product Weight Ürün Ağırlığı (kg / m)
FRP1001500X	100 - 150	1000 - 5000	S.U - 170	2,5	80	S.U + 350	NA	1,7
FRP1502500X	150 - 250	1000 - 5000	S.U - 225	2	118	S.U + 350	2"	3,3
FRP2003000X	200 - 300	1000 - 5000	S.U - 280	2	150	S.U + 350	2"	5,4
FRP3004000X	300 - 400	1000 - 5000	S.U - 300	1,5	231	S.U + 350	4,3"	7,3
FRP4006000X	400 - 600	1000 - 5000	S.U - 300	1	345	S.U + 350	4,3"	11,6
FRP6008000X	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)	Required Inflation Pressure Gereken Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Product Weight Ürün Ağırlığı (kg / m)
LP2520XX	25 - 30	600 - 9000	S.U - 80	3	20	S.U + 190	0,4
LP3020XX	30 - 30	600 - 9000	S.U - 80	3	25	S.U + 190	0,5
LP5020XX	50 - 70	600 - 9000	S.U - 130	3	33	S.U + 190	0,6
LP7020XX	70 - 100	600 - 9000	S.U - 130	3	51	S.U + 190	0,7
LP8025XX	80 - 125	600 - 9000	S.U - 150	3	51	S.U + 190	0,7
LP100190XX	100 - 150	600 - 9000	S.U - 200	2,5	80	S.U + 190	1,5
LP150200XX	150 - 200	600 - 9000	S.U - 200	2,5	80	S.U + 190	1,7
LP150250XX	150 - 250	600 - 9000	S.U - 250	2	118	S.U + 190	1,7
LP200300XX	200 - 300	1000 - 9000	S.U - 280	2	150	S.U + 190	2,3
LP200400XX	200 - 400	1000 - 9000	S.U - 280	1,5	221	S.U + 190	4,2
LP400500XX	400 - 600	1000 - 9000	S.U - 290	1	345	S.U + 190	5,2
LP400600XX	400 - 600	1000 - 9000	S.U - 300	1	345	S.U + 190	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 Ebatı	Cylinder Length Silindir Uzunluğu (mm)	Max. Contact Min. Kontakt (mm)	Required Inflation Pressure Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Product Weight Ürün Ağırlığı (kg / m)	Type Tip
BP0701	50 - 70	1250	1000	3	32	1350	0,75	1
BP0801	70 - 80	1250	1000	3	40	1350	2	1
BP1001201	100 - 125	1250	1000	3	51	1350	3	1
BP1301001	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 Ebatı	Cylinder Length Silindir Uzunluğu (mm)	Max. Contact Min. Kontakt (mm)	Required Inflation Pressure Çalışma Basıncı (bar)	Product Diameter Ürün Çapı (mm)	Product Total Length Ürün Uzunluğu (mm)	Product Weight Ürün Ağırlığı (kg / m)	Type Tip
BP0701	70 - 80	1250	1000	3	40	1350	2	2
BP1001201	100 - 125	1250	1000	3	51	1350	3	2
BP1301001	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 rod 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 Çap (mm)	C (mm)	F / F (mm)	W (mm)	Weight / Ağırlık (kg)	OD (mm)	C (mm)	M (mm)	d (mm)	d quantity -	T (mm)	Weight / Ağırlık (kg)
FDBV150	150	240	295	247	4	290	240	196	22	8	10	3,7
FDBV200	200	300	346	304	8	320	295	220	22	8	10	5,1
FDBV250	250	350	400	365	10	350	300	250	22	12	10	5,2
FDBV300	300	400	430	400	13	440	400	300	22	12	10	5,3
FDBV350	350	460	520	540	20	500	460	410	22	16	17	7,7
FDBV400	400	510	550	550	21	560	510	460	26	16	17	10,4
FDBV450	450	560	600	640	26	610	560	514	26	20	17	10,9
FDBV500	500	620	630	750	36	670	620	564	26	20	17	13
FDBV600	600	720	760	860	57	730	720	668	30	20	17	16,1
FDBV700	700	840	775	950	70	860	840	770	30	24	20	20,3
FDBV800	800	920	880	1220	80	970	920	874	30	24	20	21,3
FDBV900	900	1030	940	1120	110	1070	1020	976	30	24	20	23,9
FDBV1000	1000	1120	1130	1430	142	1170	1120	1078	30	28	20	26,3
FDBV1200	1200	1340	1210	1430	180	1400	1340	1230	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 normally 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 Çap (mm)	OD (mm)	F / F (mm)	W (mm)	Weight / Ağırlık kg	Q (mm)	Quantity -	W (mm)	Weight / Ağırlık kg
KDB150	150	158	275	247	2,17	183	2	25	0,6
KDB200	200	218	340	308	3,77	246	2	25	0,7
KDB250	250	273	418	390	5,75	300	2	25	0,9
KDB300	300	325	484	480	7,98	360	2	30	1,1
KDB350	350	480	520	540	12,10	500	2	25	1,3
KDB400	400	426	635	605	13,58	480	2	30	1,5
KDB450	450	480	670	645	16,27	500	2	40	1,7
KDB500	500	530	737	700	29,90	580	2	40	2,3
KDB600	600	630	862	830	41,60	680	2	40	2,6
KDB700	700	725	852	850	52,00	780	4	40	3
KDB800	800	820	1060	1220	74,00	890	4	40	3,9
KDB900	900	820	1115	1320	88,00	1000	4	45	4,2
KDB1000	1000	1020	1260	1430	118,00	1100	4	45	5
KDB1200	1200	1220	1490	1430	155,00	1300	4	50	8

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.

Clamps can be manufactured of stainless steel /galvanized steel.

The flexible rubber sleeve is normally 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 Gücü (t)	Max. Lifting Height Mak. Kaldırma Yüksekliği (mm)	With En (mm)	Product Size Ürün Boyu (mm)	Handless Kulp Aded.
LB115	1,15	75	140	140	X
LB150	3,5	100	260	200	X
LB200	6,2	170	300	300	X
LB1030	16,3	270	380	380	4
LB1200	13	170	300	600	4
LB1940	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
LB7680	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

Burst Pressure > 32 bar

These type of lifting bag can be produced with more or less working pressure 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 Gücü (t)	Max. Lifting Height Mak. Kaldırma Yüksekliği (mm)	Dimensions Ebatlar (mm)	Insertion Height Yükleme Yüksekliği (mm)	Max. Working Pressure Mak. Çalışma Basıncı (bar)
HMKY70070005	1,10	500	700 x 90 x 700	90	0,5
HMKY70070020	4,40	500	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, fire 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 Weight Ürün Ağırlığı (kg)	Surface Pressure Yüzey Basıncı (bar)
L300602015	300	600	20	1,5	7	1,4
L300605080	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	Weight Ağırlık (kg)	Part Number Ürün Kodu	Size Ebat	Weight 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	0.8	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 POMPASIHAND PUMP ADAPTOR  
EL POMPASI ADAPTÖRÜFOOT PUMP A PISTON  
TEK PİSTONLU AYAK POMPASIFOOT PUMP DUAL PISTON  
ÇİFT PİSTONLU AYAK POMPASI



## ACCESSORIES

## AKSESUARLAR

### AIR TEST ADAPTER HAVA İLE TEST ADAPTÖRÜ



Part Number Ürün Kodu	Thread Diği (inch)	Description Tanı (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"	3/4"

### 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



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

### HAVA HORTUMU

### INFLATIONS HOSE COATED ROPE



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

### TEKSTİL KAPLANMIŞ HAVA HORTUMU

## ACCESSORIES

## AKSESUARLAR

## PUSH STICK

## İTME ÇUBUĞU



Part Number Ürün Kodu	Push Rod İtme Çubuğu (in)
-	0.6
ST06	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 Diy. (inch)
AWT30	1"
AWT30	2"
AWT75	3"
AWT150	4"
AWT150	6"

## ACCESSORIES

## AKSESUARLAR

### WATER HOSE

### SU HORTUMU



Part Number Ürün Kodu	Thread Diği (inç)	Length Stantak (m)
WH03	1"	10
WH02	2"	10
WH05	3"	10
WH00	4"	10
WH00	6"	10

### HOSE WITH MANOMETER FOR TEST WITH AIR

### MANOMETRELİ HAVA İLE VEYA SU İLE TEST HORTUMU



Part Number Ürün Kodu	Length Stantak (m)
ATH1008	8
ATH1012	12

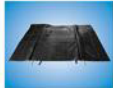
### WATER GAUGE FOR WATER TEST

### SU İLE TEST YAPMA ŞAMANDIRASI



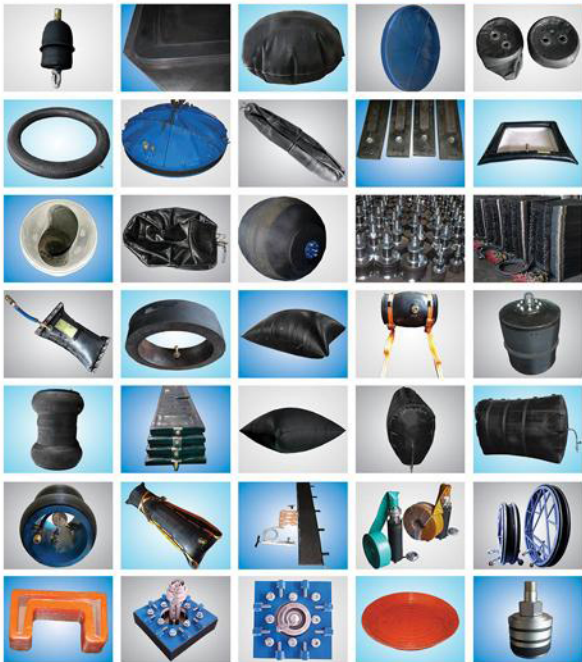
Part Number Ürün Kodu	Description Tanı
FWT1	1/4"

## MÜŞTERİYE ÖZEL ÜRÜNLER

CUSTOMER SPECIAL  
PRODUCTS

MÜŞTERİYE ÖZEL  
ÜRÜNLER

CUSTOMER SPECIAL PRODUCTS





## ÇAĞ - TEK

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

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