



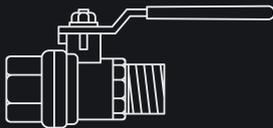
BIA VANA
INDUSTRIAL VALVES & FITTINGS



2026

PRODUCT CATALOGUE

Product Catalogue 2026



**BALL
VALVE**



**PP-R
PIPES**



**PP-R & BRASS
FITTINGS**

www.biaarmatur.com

BRASS VALVE & PP-R PIPE & FITTINGS

Company Profile and History

BIA VANA ARMATÜR

BIA VANA ARMATÜR specializes in the production of water valves, gas valves, high-temperature resistant valves, radiator valves, shower sets, PPR pipes, PE-RT pipes, siphons, bathroom solutions, kitchen equipment, and sanitary products, and has been operating in the industry for over 20 years. The company stands out with its wide product range, commitment to customer satisfaction, high-quality service approach, and superior production standards.

BIA's Milestones:

Over the past twenty years, BIA VANA ARMATÜR has steadily expanded its product range and increased its production capacity. The company manufactures its products in modern, technologically equipped facilities in compliance with national and international standards. With its expert team and experienced R&D efforts, BIA continues to offer innovative solutions to both local and global markets.

BIA's Vision:

BIA VANA ARMATÜR offers one of the most comprehensive product portfolios in the market, addressing the needs of residential, industrial, and commercial sectors. Its product range covers a wide spectrum, from water and gas systems to sanitary solutions, and from bathroom and kitchen fittings to many other products. The company holds important certifications such as CE, TSE, TSEK, ISO, and Domestic Product Certificates, confirming its commitment to safety, durability, and quality. These high standards enable BIA to serve global markets with confidence.

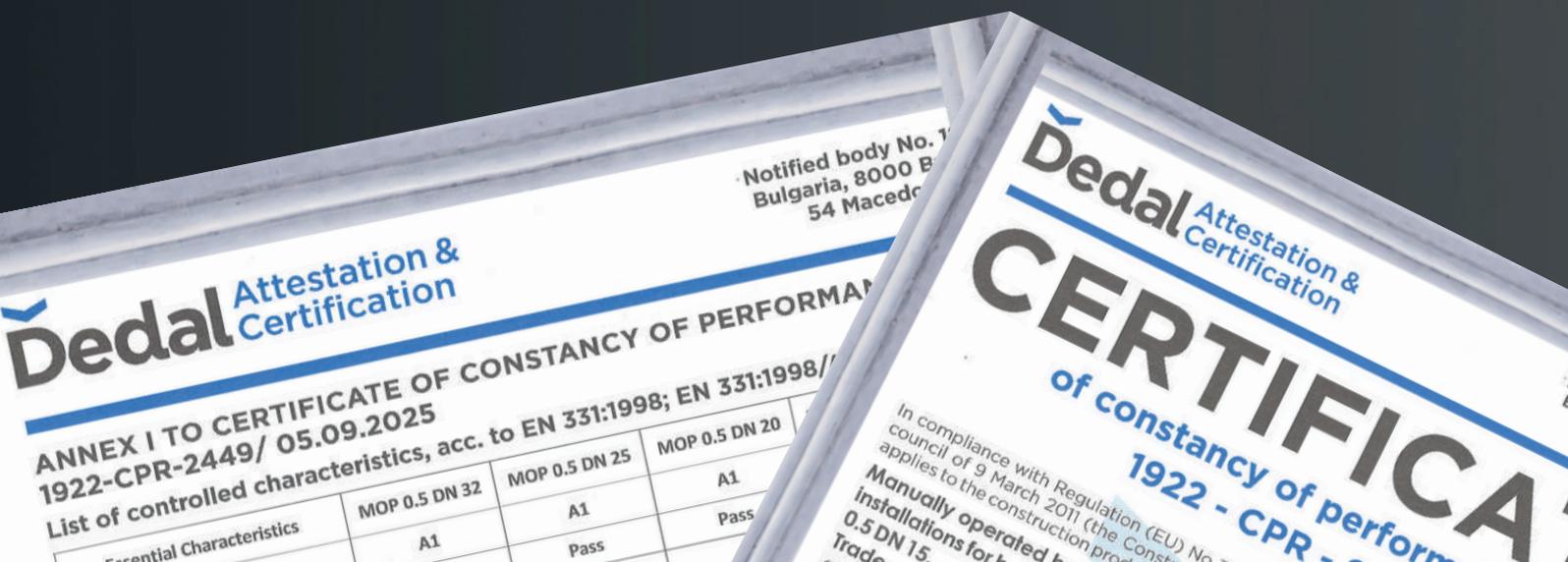
With over 20 years of manufacturing experience, BIA VANA ARMATÜR utilizes advanced management systems and quality control techniques to meet customer expectations. The company has become a trusted and recognized brand in both domestic and international sanitary and fittings markets.

BIA VANA ARMATÜR also places great importance on social responsibility. By supporting educational institutions and programs aimed at nurturing future generations, it contributes to societal development,

BIA Today:

Today, BIA VANA ARMATÜR exports to numerous international markets worldwide with the support of its experienced export team. The company continues to grow by offering excellent customer service, technical support, and reliable logistics. Its goal is to position BIA as a globally recognized brand synonymous with quality, reliability, and innovation in valves and sanitary solutions.

Certificates





TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya or TSE veya or TSE

BELGE NUMARASI
REFERENCE NUMBER OF LICENCE 0425936-TSE-01/02

BELGENİN İLK VERİLİŞ TARİHİ
DATE OF FIRST ISSUE OF LICENCE 09.09.2025

BELGENİN SON GEÇERLİLİK TARİHİ
LICENCE VALID UNTIL 09.09.2026

BELGE SAHİBİ KURULUŞUN ADI
NAME OF THE LICENCE HOLDER BİA METAL SU ARMATÜRLERİ
TİCARET LİMİTED ŞİRKETİ

BELGE SAHİBİ KURULUŞUN ADRESİ
ADDRESS OF THE LICENCE HOLDER VELİKÖY-YALIBOYU OSB MAH
TEKİRDAĞ/TÜRKİYE

ÜRETİM YERİ ADI
NAME OF THE MANUFACTURING PLACE BİA METAL SU ARMATÜRLERİ
LİMİTED ŞİRKETİ

ÜRETİM YERİ ADRESİ
ADDRESS OF THE MANUFACTURING PLACE VELİKÖY-YALIBOYU OSB MAH
TÜRKİYE

İPTAL EDİLEN BELGE NUMARASI (Varsa)
INDICATION OF SUPERSEDED LICENCE (if any) 0425936-TSE-01/01

TESCİLLİ TİCARİ MARKASI
REGISTERED TRADE MARK vana & bia

İLGİLİ TÜRK STANDARDI
RELATED TURKISH STANDARD TS EN 13547 / 04.01.2016

BELGE KAPSAMI
SCOPE OF LICENCE

• ENDÜSTRİYEL VANALAR- BAKIR ALAŞIMLI KÜRESEL VANALAR.
ANMA BASINCI: PN 25,
ANMA BOYUTU: DN15, DN20, DN25, DN32 DÜZ TAM GEÇİŞLİ,
VANA SERİSİ: B TİPİ,
GÖVDE MALZEMESİ: CuZn40Pb2 CW 617N,
VİDA AĞIZ BAĞLANTILI (TİP G) İÇ VİDALI,
ÇALIŞMA SICAKLIĞI (-10 °C İLA 100 °C)

Belgelendirme
A
İSTANBUL BE

*Bu belge, belgelendiren kurumun, üretim yerinin Enstitümüzün belirlediği şartları karşıladığına da gösterir.
*Bu belge, hiç bir surette tahfif edilemez, kopyalanır veya okunmasını zorlaştıracak şekilde değiştirilmez, kopyasını ve silinmiş yapısını
*TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Üçayracık Yenî İstasyonu Yanı ÇAYIROVAĞEÇERİ * Telefon: 0
*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI, Adres: Necatibey Cad. No:112 05100 Sıhhiyeciler ANKARA - Telefon: 0
*tmd@tse.org.tr , web : www.tse.org.tr

<https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?e=0425936> adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.



TSEK
TÜRK STANDARDLARI ENSTİTÜSÜ
KRİTERE UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMANCE TO CRITERIA

Markanın Tanımı Description of the Mark
TSEK veya or TSEK

BELGE NUMARASI
REFERENCE NUMBER OF LICENCE 0425936-TSEK-01/01

BELGENİN İLK VERİLİŞ TARİHİ
DATE OF FIRST ISSUE OF LICENCE 11.09.2025

BELGENİN SON GEÇERLİLİK TARİHİ
LICENCE VALID UNTIL 11.09.2026

BELGE SAHİBİ KURULUŞUN ADI
NAME OF THE LICENCE HOLDER BİA METAL SU ARMATÜRLERİ PAZARLAMA SANAYİ VE TİCARET
LİMİTED ŞİRKETİ

BELGE SAHİBİ KURULUŞUN ADRESİ
ADDRESS OF THE LICENCE HOLDER VELİKÖY-YALIBOYU OSB MAH. 85. CAD. /B ÇERKEZKÖY TEKİRDAĞ

ÜRETİM YERİ ADI
NAME OF THE MANUFACTURING PLACE BİA METAL SU ARMATÜRLERİ PAZARLAMA SANAYİ VE TİCARET
LİMİTED ŞİRKETİ

ÜRETİM YERİ ADRESİ
ADDRESS OF THE MANUFACTURING PLACE VELİKÖY-YALIBOYU OSB MAH. 85. CAD. NO:8 ÇERKEZKÖY
TEKİRDAĞ TEKİRDAĞ

TESCİLLİ TİCARİ MARKASI
REGISTERED TRADE MARK vana & bia

İLGİLİ BELGELENDİRME KRİTERİ
RELATED TURKISH STANDARD TSE K 534 / 05.04.2017

BELGE KAPSAMI
SCOPE OF LICENCE

*BAKIR ALAŞIMLI MALZEMEDEN MAMUL, 10 BAR BASINÇ VE 120 °C ÇALIŞMA SICAKLIĞINDA ÇALIŞAN, ANMA ÇAPLI DN25
OLAN, 2 ÇIKIŞLI DAHİL'DEN 13 ÇIKIŞLI DAHİL'E KADAR KÖLLEKTÖR

e-İmza/e-signed

12/09/2025

Belgelendirme Merkezi Başkanı Adına
AKDOĞAN BULUT

İSTANBUL BELGELENDİRME MÜDÜRÜ V.

*Bu belge, belgelendiren kurumun, üretim yerinin Enstitümüzün belirlediği şartları karşıladığına da gösterir.
*Bu belge, hiç bir surette tahfif edilemez, kopyalanır veya okunmasını zorlaştıracak şekilde değiştirilmez, kopyasını ve silinmiş yapısını
*TSE İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ * Adres: Üçayracık Yenî İstasyonu Yanı ÇAYIROVAĞEÇERİ * Telefon: 0312 231 1000
*TSE BELGELENDİRME MERKEZ BAŞKANLIĞI, Adres: Necatibey Cad. No:112 05100 Sıhhiyeciler ANKARA - Telefon: 0 312 416 64 81 / 416 64 27, Faks: 0 312 416 66 17, E-posta
*tmd@tse.org.tr , web : www.tse.org.tr

<https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?e=0425936> adresinden belgenin doğruluğunu ve geçerliliğini sorgulayınız.



CERTIFICATE

of constancy of performance 1922 - CPR - 2449

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Manually operated ball valves and closed bottom installations for buildings - MOP 0.5 DN 32, MOP 0.5 DN 25, MOP 0.5 DN 20, MOP 0.5 DN 15.

Trade mark: **BiA VANA**

(For list of controlled characteristics, see Annex 1 to 1922-CPR- of this certificate)

placed on the market under the name or trade mark of **BiA METAL SU ARMATÜRLERİ PAZARLAMA SAN. TİC. VELİKÖY-YALIBOYU OSB MAH.85. CAD. NO:8, ÇERKEZ** and produced in the manufacturing plant of **BiA METAL SU ARMATÜRLERİ PAZARLAMA SAN. TİC. VELİKÖY-YALIBOYU OSB MAH.85. CAD. NO:8, ÇERKEZ**

This certificate attests that all provisions concerning the a constancy of performance described in Annex ZA of the st **EN 331:1998; EN 331:1998/A1:2010**

under system 1 for the performance set out in this certifi factory production control conducted by the manufactu constancy of performance of the construction product.

This certificate was first issued on 05.09.2025 and will rer long as neither the harmonised standard, the constructor nor the manufacturing conditions in the plant are r suspended or withdrawn by the notified product certifi supported through annual surveillance audit and is reis audit. The validity of the certificate may be confirmed i address www.dedal-bg.net.



Issued:
Burgas, 05 September 2025
Ref. No. 01-00

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-2449/ 05.09.2025

List of controlled characteristics, acc. to EN 331:1998; EN 331:1998/A1:2010

Essential Characteristics	MOP 0.5 DN 32	MOP 0.5 DN 25	MOP 0.5 DN 20	MOP 0.5 DN 15
Reaction to fire	A1	A1	A1	A1
Dimensional tolerances	Pass	Pass	Pass	Pass
Internal Pressure:				
- pressure classes;	Pass	Pass	Pass	Pass
- leak-tightness	Pass	Pass	Pass	Pass
Tightness (gas):				
- leak-tightness	Pass	Pass	Pass	Pass
Effectiveness:				
- rated flow rate	>27 m ³ /h	>16 m ³ /h	>10 m ³ /h	> 5 m ³ /h
Resistance to high temperature (for heating networks)	Pass	Pass	Pass	Pass
Mechanical strength (for gas networks):				
- torque and bending	Pass	Pass	Pass	Pass
- operating torque	Pass	Pass	Pass	Pass
Safeguard against overloading of handle (for gas networks):				
- stop resistance	Pass	Pass	Pass	Pass
Release of dangerous substances	NPD	NPD	NPD	NPD
Durability				
- endurance:	Pass	Pass	Pass	Pass
- resistance to low temperature:	Pass	Pass	Pass	Pass
- salt spray resistance;	NPD	NPD	NPD	NPD
- resistance to humidity	NPD	NPD	NPD	NPD



Manager: *Anna Vasileva*
dipl. eng. Anna Vasileva

Issued:
Burgas, 05 September 2025
Ref. No. 01-00

Brass Valves

Connection Solutions



Ball Valves for Water and Gas



Full Bore Brass Ball Valve for Water - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 10001012	Full Bore Ball Valve	1/2"	100
PN10 10001034	Full Bore Ball Valve	3/4"	80
PN10 10001001	Full Bore Ball Valve	1"	40
PN10 10001114	Full Bore Ball Valve	1 1/4"	20
PN10 10001112	Full Bore Ball Valve	1 1/2"	12
PN10 10001002	Full Bore Ball Valve	2"	8
PN10 10001003	Full Bore Ball Valve	3"	3
PN10 10001004	Full Bore Ball Valve	4"	2



Full Bore Brass Ball Valve for Water - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN25 10001012	Full Bore Ball Valve	1/2"	100
PN25 10001034	Full Bore Ball Valve	3/4"	80
PN25 10001001	Full Bore Ball Valve	1"	40
PN25 10001114	Full Bore Ball Valve	1 1/4"	20
PN25 10001112	Full Bore Ball Valve	1 1/2"	12
PN25 10001002	Full Bore Ball Valve	2"	8
PN25 10001003	Full Bore Ball Valve	3"	3
PN25 10001004	Full Bore Ball Valve	4"	2



Full Bore Brass Ball Valve with Butterfly Handle - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
KVKD 10001012	Butterfly Handle Ball Valve	1/2"	100
KVKD 10001034	Butterfly Handle Ball Valve	3/4"	80
KVKD 10001001	Butterfly Handle Ball Valve	1"	40
KVKD 10001114	Butterfly Handle Ball Valve	1 1/4"	20
KVKD 10001112	Butterfly Handle Ball Valve	1 1/2"	12
KVKD 10001002	Butterfly Handle Ball Valve	2"	8



Full Bore Brass Ball Valve with Butterfly Handle - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
KVKD 10002512	Butterfly Handle Ball Valve	1/2"	100
KVKD 10002534	Butterfly Handle Ball Valve	3/4"	80
KVKD 10002501	Butterfly Handle Ball Valve	1"	40
KVKD 100025114	Butterfly Handle Ball Valve	1 1/4"	20
KVKD 100025112	Butterfly Handle Ball Valve	1 1/2"	12
KVKD 10002502	Butterfly Handle Ball Valve	2"	8

Ball Valves for Water and Gas



Full Bore Brass Ball Valve for Water - Male Thread - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 10002012	Brass Ball Valve for Water - Male Thread	1/2"	100
PN10 10002034	Brass Ball Valve for Water - Male Thread	3/4"	80
PN10 10002001	Brass Ball Valve for Water - Male Thread	1"	40
PN10 10002114	Brass Ball Valve for Water - Male Thread	1 1/4"	20
PN10 10002112	Brass Ball Valve for Water - Male Thread	1 1/2"	12
PN10 10002002	Brass Ball Valve for Water - Male Thread	2"	8
PN10 10002003	Brass Ball Valve for Water - Male Thread	3"	3
PN10 10002004	Brass Ball Valve for Water - Male Thread	4"	2



Full Bore Brass Ball Valve for Water - Male Thread - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN25 10002012	Brass Ball Valve for Water - Male Thread	1/2"	100
PN25 10002034	Brass Ball Valve for Water - Male Thread	3/4"	80
PN25 10002001	Brass Ball Valve for Water - Male Thread	1"	40
PN25 10002114	Brass Ball Valve for Water - Male Thread	1 1/4"	20
PN25 10002112	Brass Ball Valve for Water - Male Thread	1 1/2"	12
PN25 10002002	Brass Ball Valve for Water - Male Thread	2"	8
PN25 10002003	Brass Ball Valve for Water - Male Thread	3"	3
PN25 10002004	Brass Ball Valve for Water - Male Thread	4"	2



Full Bore Brass Ball Valve for Water - Male Thread, Butterfly Handle - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
KVKE 10001012	Butterfly Handle Ball Valve	1/2"	100
KVKE 10001034	Butterfly Handle Ball Valve	3/4"	80
KVKE 10001001	Butterfly Handle Ball Valve	1"	40
KVKE 10001114	Butterfly Handle Ball Valve	1 1/4"	20
KVKE 10001112	Butterfly Handle Ball Valve	1 1/2"	12
KVKE 10001002	Butterfly Handle Ball Valve	2"	8



Full Bore Brass Ball Valve for Water - Male Thread, Butterfly Handle - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
KVKE 10002512	Butterfly Handle Ball Valve	1/2"	100
KVKE 10002534	Butterfly Handle Ball Valve	3/4"	80
KVKE 10002501	Butterfly Handle Ball Valve	1"	40
KVKE 100025114	Butterfly Handle Ball Valve	1 1/4"	20
KVKE 100025112	Butterfly Handle Ball Valve	1 1/2"	12
KVKE 10002502	Butterfly Handle Ball Valve	2"	8



Ball Valves for Water and Gas



Full Bore Brass Ball Valve for Water - Female Threaded - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
ORKV 10001201	Brass Ball Valve for Water - Female Threaded	1/2* 1"	100
ORKV 10001234	Brass Ball Valve for Water - Female Threaded	1/2* 3/4"	80
ORKV 10003401	Full Bore Brass Ball Valve for Water - Female Threaded	3/4* 1"	60
ORKV 10003412	Brass Ball Valve for Water - Female Threaded	3/4* 1/2"	40
ORKV 1000121114	Brass Ball Valve for Water - Female Threaded	1/2* 1 1/4"	20



Full Bore Brass Ball Valve for Water - Female Threaded - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
ORKV 11001201	Brass Ball Valve for Water - Female Threaded	1/2* 1"	100
ORKV 11001234	Brass Ball Valve for Water - Female Threaded	1/2* 3/4"	80
ORKV 11003401	Brass Ball Valve for Water - Female Threaded	3/4* 1"	60
ORKV 11003412	Brass Ball Valve for Water - Female Threaded	3/4* 1/2"	40
ORKV 1100121114	Brass Ball Valve for Water - Female Threaded	1/2* 1 1/4"	20



Full Bore Water Valve Internal Threaded Brass Ball Valve with Butterfly Handle (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
ORKK 10001201	Butterfly Handle Ball Valve	1/2* 1"	100
ORKK 10001234	Butterfly Handle Ball Valve	1/2* 3/4"	80
ORKK 10003401	Butterfly Handle Ball Valve	3/4* 1"	60
ORKK 10003412	Butterfly Handle Ball Valve	3/4* 1/2"	40
ORKK 1000121114	Butterfly Handle Ball Valve	1/2* 1 1/4"	20



Full Bore Water Valve Internal Threaded Brass Ball Valve with Butterfly Handle (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
ORKK 11001201	Butterfly Handle Ball Valve	1/2* 1"	100
ORKK 11001234	Butterfly Handle Ball Valve	1/2* 3/4"	80
ORKK 11003401	Butterfly Handle Ball Valve	3/4* 1"	60
ORKK 11003412	Butterfly Handle Ball Valve	3/4* 1/2"	40
ORKK 1100121114	Butterfly Handle Ball Valve	1/2* 1 1/4"	20



Kosva Type Brass Ball Valve - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
KVKO 10001012	Brass Ball Valve	1/2"	100
KVKO 10001034	Brass Ball Valve	3/4"	80
KVKO 10001001	Brass Ball Valve	1"	40
KVKO 10001114	Brass Ball Valve	1 1/4"	20
KVKO 10001112	Brass Ball Valve	1 1/2"	12
KVKO 10001002	Brass Ball Valve	2"	8



Kosva Type Brass Ball Valve - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
KVKO 10002012	Brass Ball Valve	1/2"	100
KVKO 10002034	Brass Ball Valve	3/4"	80
KVKO 10002001	Brass Ball Valve	1"	40
KVKO 10002114	Brass Ball Valve	1 1/4"	20
KVKO 10002112	Brass Ball Valve	1 1/2"	12
KVKO 10002002	Brass Ball Valve	2"	8



Calorimeter Heat Valve - Male Thread, Butterfly Handle - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 30001101	Calorimeter Heat Valve	1"	40



PPRC Connection, Double Flanged, Ball Valve (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 10002016	Double Flanged Ball Valve	Ø20 X 1/2"	50
PN10 10002516	Double Flanged Ball Valve	Ø25 X 3/4"	40
PN10 10003216	Double Flanged Ball Valve	Ø32 X 1"	20
PN10 10004016	Double Flanged Ball Valve	Ø40 X 1 1/4"	10



Ball Valves for Natural Gas



Full Bore, Locking, F-F Brass Natural Gas Ball Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
DN15 10002012	Locking, F-F Brass Natural Gas Ball Valve (DN15)	1/2" (DN15)	100
DN20 10002034	Locking, F-F Brass Natural Gas Ball Valve DN(20)	3/4" DN(20)	80



Full Bore, Mop 0.5, F-F, Brass Natural Gas Ball Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
DN15 10001012	Mop 0.5, F-F, Gas Ball Valve	1/2" (DN15)	100
DN20 10001034	Mop 0.5, F-F, Gas Ball Valve	3/4" (DN20)	80
DN25 10001001	Mop 0.5, F-F, Gas Ball Valve	1" (DN25)	40
DN32 10001114	Mop 0.5, F-F, Gas Ball Valve	1 1/4" (DN32)	20
DN40 10001112	Mop 0.5, F-F, Gas Ball Valve	1 1/2" (DN40)	12
DN50 10001002	Mop 0.5, F-F, Gas Ball Valve	2" (DN50)	8
DN63 10001003	Mop 0.5, F-F, Gas Ball Valve	3" (DN63)	4
DN75 10001004	Mop 0.5, F-F, Gas Ball Valve	4" (DN75)	2



Full Bore, Locking, F-F, Brass Natural Gas Ball Valve with Butterfly Handle

CODE	DESCRIPTION	SIZE	PCS/BOX
DVMK 11001512	F-F, Brass Natural Gas Ball Valve with Butterfly Handle	1/2" (DN15)	100
DVMK 11002034	F-F, Brass Natural Gas Ball Valve with Butterfly Handle	3/4" (DN20)	80



Full Bore, Mop 0.5, F-F, Brass Natural Gas Ball Valve, Butterfly Handle

CODE	DESCRIPTION	SIZE	PCS/BOX
DVMK 10001512	0.5, F-F, Gas Ball Valve, Butterfly Handle	1/2" (DN15)	100
DVMK 10002034	0.5, F-F, Gas Ball Valve, Butterfly Handle	3/4" (DN20)	80
DVMK 10002501	0.5, F-F, Gas Ball Valve, Butterfly Handle	1" (DN25)	40
DVMK 10032114	0.5, F-F, Gas Ball Valve, Butterfly Handle	1 1/4" (DN32)	20
DVMK 10040112	0.5, F-F, Gas Ball Valve, Butterfly Handle	1 1/2" (DN40)	12
DVMK 10005002	0.5, F-F, Gas Ball Valve, Butterfly Handle	2" (DN50)	8



Ball Valve PN10, (External Thread, for Collector) (Eco Type)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 30001001	Ball Valve PN10, External Thread, for Collector (Eco Type)	1"	40



Ball Valve PN25 (External Thread, for Collector) (Heavy Type)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 31001001	Ball Valve PN25 (External Thread, for Collector) (Heavy Type)	1"	40



Female Swivel Ball Valve - (PN10)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN10 31001034	Female Swivel Ball Valve (PN10)	3/4"	50



Female Swivel Ball Valve - (PN25)

CODE	DESCRIPTION	SIZE	PCS/BOX
PN25 31001034	Female Swivel Ball Valve (PN25)	3/4"	50

Garden Water Ball Valve



Brass Stop Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
STPV 70001012	Brass Stop Valve	1/2"	60
STPV 70001034	Brass Stop Valve	3/4"	50
STPV 70001001	Brass Stop Valve	1"	30
STPV 70001114	Brass Stop Valve	1 1/4"	20
STPV 70001112	Brass Stop Valve	1 1/2"	10
STPV 70001002	Brass Stop Valve	2"	5



Brass Gate Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
ŞBRV 70001012	Brass Gate Valve	1/2"	60
ŞBRV 70001034	Brass Gate Valve	3/4"	50
ŞBRV 70001001	Brass Gate Valve	1"	30
ŞBRV 70001114	Brass Gate Valve	1 1/4"	20
ŞBRV 70001112	Brass Gate Valve	1 1/2"	10
ŞBRV 70001002	Brass Gate Valve	2"	5



Mini Ball Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
KVMİ 90001012	Mini Ball Valve	1/2"	100
KVMİ 90001034	Mini Ball Valve	3/4"	80
KVMİ 90001001	Mini Ball Valve	1"	60



Mini Brass Ball Valve For Pipe Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
MVYD 90000162	Mini Brass Ball Valve For Pipe Connection Female	16 x 2	150
MVYE 90000162	Mini Brass Ball Valve For Pipe Connection Male	16 x 2	150



Angle Radiator Valve - Type 1

CODE	DESCRIPTION	SIZE	PCS/BOX
RADK 40001010	Angle Radiator Valve- Type 1 (Eco)	Ø20 X 1/2"	50
RADK 40001030	Angle Radiator Valve- Type 1 (Mid)	Ø20 X 1/2"	50
RADK 40001050	Angle Radiator Valve- Type 1 (Heavy)	Ø20 X 1/2"	50



Angle Radiator Valve Sealed - Type 2

CODE	DESCRIPTION	SIZE	PCS/BOX
RADK 40001015	Angle Radiator Valve Sealed - Type 2 (Eco)	Ø20 X 1/2"	50
RADK 40001035	Angle Radiator Valve Sealed - Type 2 (Mid)	Ø20 X 1/2"	50
RADK 40001055	Angle Radiator Valve Sealed - Type 2 (Heavy)	Ø20 X 1/2"	50



Straight Radiator Valve - Type 1 Roller Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
RADD 40001010	Straight Radiator Valve - Type 1 Roller Valve	Ø20 X 1/2"	50



Straight Radiator Valve - Type 2 Roller Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
RADC 40001012	Straight Radiator Valve - Type 2 Roller Valve	Ø20 X 1/2"	50



Angle Pe-x Radiator Valve - Type 1

CODE	DESCRIPTION	SIZE	PCS/BOX
RADP 40001010	Angle Pe-x Radiator Valve - Type 1 (Eco)	1/2"	50
RADP 40001030	Angle Pe-x Radiator Valve - Type 1 (Mid)	1/2"	50
RADP 40001050	Angle Pe-x Radiator Valve - Type 1 (Heavy)	1/2"	50



Angle Pe-x Radiator Valve - Type 2

CODE	DESCRIPTION	SIZE	PCS/BOX
RADP 40001015	Angle Pe-x Radiator Valve - Type 2 (Eco)	1/2"	50
RADP 40001035	Angle Pe-x Radiator Valve - Type 2 (Mid)	1/2"	50



Straight Pe-x Radiator Valve - Type 1

CODE	DESCRIPTION	SIZE	PCS/BOX
RADD 40001602	Straight Pe-x Radiator Valve - Type 1	1/2"	50



Straight Pe-x Radiator Valve - Type 2

CODE	DESCRIPTION	SIZE	PCS/BOX
RADC 40001602	Straight Pe-x Radiator Valve - Type 2	1/2"	50



Return Valve - Pe-x Radiator Valve - Type 1 Spool type

CODE	DESCRIPTION	SIZE	PCS/BOX
RADG 40001010	Return Valve - Pe-x Radiator Valve - Type 1 Spool type	1/2"	50
RADG 40001030	Return Valve - Pe-x Radiator Valve - Type 1 Spool type	1/2"	50



Return Valve - Pe-x Radiator Valve - Type 2 Spool type

CODE	DESCRIPTION	SIZE	PCS/BOX
RADG 40001015	Return Valve - Pe-x Radiator Valve - Type 2 Spool type	1/2"	50
RADG 40001035	Return Valve - Pe-x Radiator Valve - Type 2 Spool type	1/2"	50



Return - Corner Radiator Valve - Type 1 Spool type

CODE	DESCRIPTION	SIZE	PCS/BOX
RADG 40001010	Return - Corner Radiator Valve - Type 1 Spool type (Eco)	1/2"	50
RADG 40001030	Return - Corner Radiator Valve - Type 1 Spool type (Mid)	1/2"	50
RADG 40001050	Return - Corner Radiator Valve - Type 1 Spool type (Heavy)	1/2"	50



Return - Corner Radiator Valve - Type 2 Spool type

CODE	DESCRIPTION	SIZE	PCS/BOX
RADG 40001015	Return - Corner Radiator Valve - Type 2 Spool type (Eco)	1/2"	50
RADG 40001035	Return - Corner Radiator Valve - Type 2 Spool type (Mid)	1/2"	50
RADG 40001055	Return - Corner Radiator Valve - Type 2 Spool type (Heavy)	1/2"	50

Radiator Valves and Spare Parts



Under Floor Union For Pipe Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
IDRK 80001602	Under Floor Union For Pipe Connection	16*1/2"	250



Under Floor Union For

CODE	DESCRIPTION	SIZE	PCS/BOX
DDRK 80001602	Under Floor Union For Pipe Connection	16*2"	250



Under Floor Union For Pipe Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
NGPR 80000012	Under Floor Union For Pipe Connection	1/2"	250



Hose Connection Coupling

CODE	DESCRIPTION	SIZE	PCS/BOX
BEPR 80001616	Hose Connection Coupling	16*16	250



90° Male Elbow

CODE	DESCRIPTION	SIZE	PCS/BOX
ERDR 80901602	90° Male Elbow	16*2"	250



90° Female Elbow

CODE	DESCRIPTION	SIZE	PCS/BOX
DiDR 80901602	90° Female Elbow	16*2"	250



90° Equal Elbow

CODE	DESCRIPTION	SIZE	PCS/BOX
EŞDR 80901602	90° Equal Elbow	16*2"	250



Equal Tee

CODE	DESCRIPTION	SIZE	PCS/BOX
EŞTE 80161616	Equal Tee	16*16*16	250



Male Tee

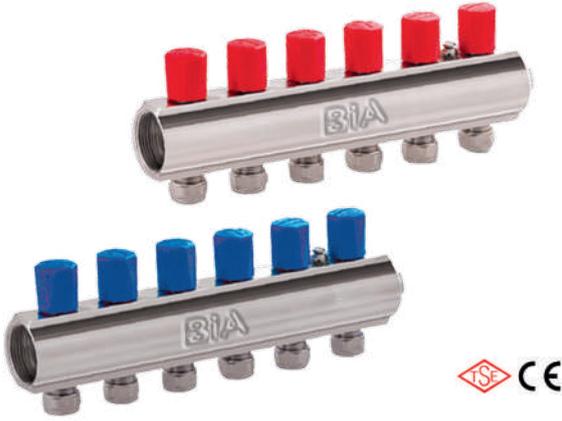
CODE	DESCRIPTION	SIZE	PCS/BOX
ERTE 80001602	Male Tee	16*2"	250



Female Tee

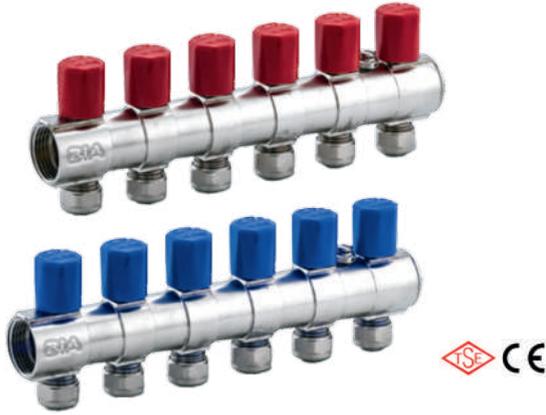
CODE	DESCRIPTION	SIZE	PCS/BOX
DiTE 80001602	Female Tee	16*2"	250

Manifold Valves Completed Type



Manifold Valves Completed Type

CODE	DESCRIPTION	PCS/BOX
KLKV 90001002	1" Manifold Completed Type-2 Holes	30
KLKV 90001003	1" Manifold Completed Type-3 Holes	20
KLKV 90001004	1" Manifold Completed Type-4 Holes	20
KLKV 90001005	1" Manifold Completed Type-5 Holes	20
KLKV 90001006	1" Manifold Completed Type-6 Holes	10
KLKV 90001007	1" Manifold Completed Type-7 Holes	10
KLKV 90001008	1" Manifold Completed Type-8 Holes	10
KLKV 90001009	1" Manifold Completed Type-9 Holes	10
KLKV 90001010	1" Manifold Completed Type-10 Holes	10
KLKV 90001011	1" Manifold Completed Type-11 Holes	10
KLKV 90001012	1" Manifold Completed Type-12 Holes	10



Manifold Completed Type Eco Model

CODE	DESCRIPTION	PCS/BOX
KLKV 90001002-Z	1" Manifold Completed Type-2 Holes (Eco)	30
KLKV 90001003-Z	1" Manifold Completed Type-3 Holes (Eco)	20
KLKV 90001004-Z	1" Manifold Completed Type-4 Holes (Eco)	20
KLKV 90001005-Z	1" Manifold Completed Type-5 Holes (Eco)	20
KLKV 90001006-Z	1" Manifold Completed Type-6 Holes (Eco)	10
KLKV 90001007-Z	1" Manifold Completed Type-7 Holes (Eco)	10
KLKV 90001008-Z	1" Manifold Completed Type-8 Holes (Eco)	10
KLKV 90001009-Z	1" Manifold Completed Type-9 Holes (Eco)	10
KLKV 90001010-Z	1" Manifold Completed Type-10 Holes (Eco)	10
KLKV 90001011-Z	1" Manifold Completed Type-11 Holes (Eco)	10
KLKV 90001012-Z	1" Manifold Completed Type-12 Holes (Eco)	10

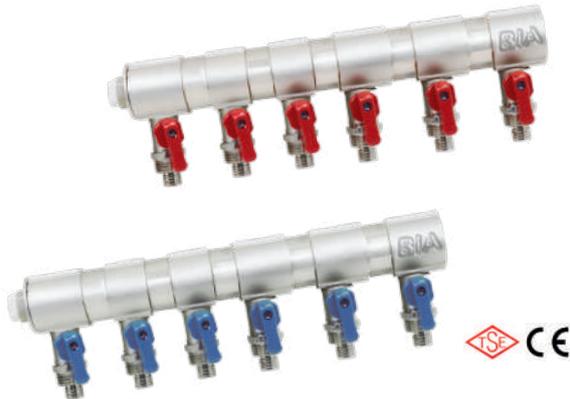
Manifold Valves Mini Type



Manifold Valves Mini Type

CODE	DESCRIPTION	PCS/BOX
KLMV 90001002	1" Manifold with Mini Valve 3/8" - 2 Holes	30
KLMV 90001003	1" Manifold with Mini Valve 3/8" - 3 Holes	20
KLMV 90001004	1" Manifold with Mini Valve 3/8" - 4 Holes	20
KLMV 90001005	1" Manifold with Mini Valve 3/8" - 5 Holes	20
KLMV 90001006	1" Manifold with Mini Valve 3/8" - 6 Holes	10
KLMV 90001007	1" Manifold with Mini Valve 3/8" - 7 Holes	10
KLMV 90001008	1" Manifold with Mini Valve 3/8" - 8 Holes	10
KLMV 90001009	1" Manifold with Mini Valve 3/8" - 9 Holes	10
KLMV 90001010	1" Manifold with Mini Valve 3/8" - 10 Holes	10
KLMV 90001011	1" Manifold with Mini Valve 3/8" - 11 Holes	10
KLMV 90001012	1" Manifold with Mini Valve 3/8" - 12 Holes	10

Manifold Valves Mini Type Eco Model



CODE	DESCRIPTION	PCS/BOX
KLMV 90001002-Z	1" Manifold with Mini Valve 3/8" - 2 Holes (Eco)	30
KLMV 90001003-Z	1" Manifold with Mini Valve 3/8" - 3 Holes (Eco)	20
KLMV 90001004-Z	1" Manifold with Mini Valve 3/8" - 4 Holes (Eco)	20
KLMV 90001005-Z	1" Manifold with Mini Valve 3/8" - 5 Holes (Eco)	20
KLMV 90001006-Z	1" Manifold with Mini Valve 3/8" - 6 Holes (Eco)	10
KLMV 90001007-Z	1" Manifold with Mini Valve 3/8" - 7 Holes (Eco)	10
KLMV 90001008-Z	1" Manifold with Mini Valve 3/8" - 8 Holes (Eco)	10
KLMV 90001009-Z	1" Manifold with Mini Valve 3/8" - 9 Holes (Eco)	10
KLMV 90001010-Z	1" Manifold with Mini Valve 3/8" - 10 Holes (Eco)	10
KLMV 90001011-Z	1" Manifold with Mini Valve 3/8" - 11 Holes (Eco)	10
KLMV 90001012-Z	1" Manifold with Mini Valve 3/8" - 12 Holes (Eco)	10

Brass Fittings

Connection Solutions





Brass Angle Union

CODE	DESCRIPTION	SIZE	PCS/BOX
KŞRK 80001020	Angle Union	1/2"	120
KŞRK 80001025	Angle Union	3/4"	60
KŞRK 80001032	Angle Union	1"	60
KŞRK 80001040	Angle Union	1 1/4"	24
KŞRK 80001050	Angle Union	1 1/2"	16
KŞRK 80001063	Angle Union	2"	6



Brass Reduction

CODE	DESCRIPTION	SIZE	PCS/BOX
RDKS 20003812	Brass Reduction	3/8 - 1/2"	624
RDKS 20001234	Brass Reduction	1/2 - 3/4"	350
RDKS 20003401	Brass Reduction	3/4 - 1"	192
RDKS 20001201	Brass Reduction	1/2 - 1"	160
RDKS 20001412	Brass Reduction	1/4 - 1/2"	624
RDKS 20003814	Brass Reduction	3/8 - 1/4"	1408
RDKS 20002114	Brass Reduction	2 - 1 1/4"	30
RDKS 20002112	Brass Reduction	2 - 1 1/2"	30



Brass Water Meter Record

CODE	DESCRIPTION	SIZE	PCS/BOX
PN15 30101341	Brass Water Meter Record	Ø3/4 X 1"	90



Brass Filter (Y - Strainer)

CODE	DESCRIPTION	SIZE	PCS/BOX
PSLT 80001020	Filter	1/2"	72
PSLT 80001025	Filter	3/4"	40
PSLT 80001032	Filter	1"	30
PSLT 80001040	Filter	1 1/4"	16
PSLT 80001050	Filter	1 1/2"	8
PSLT 80001063	Filter	2"	6



Brass Swing Check Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
ÇLPÇ 80001015	Brass Swing Check Valve	1/2"	120
ÇLPÇ 80001020	Brass Swing Check Valve	3/4"	60
ÇLPÇ 80001032	Brass Swing Check Valve	1"	30
ÇLPÇ 80001040	Brass Swing Check Valve	1 1/4"	24
ÇLPÇ 80001050	Brass Swing Check Valve	1 1/2"	16
ÇLPÇ 80001063	Brass Swing Check Valve	2"	6



Straight Union

CODE	DESCRIPTION	SIZE	PCS/BOX
DZRK 80001012	Straight Union	1/2"	280
DZRK 80001034	Straight Union	3/4"	144
DZRK 80001001	Straight Union	1"	100
DZRK 80001114	Straight Union	1 1/4"	60
DZRK 80001112	Straight Union	1 1/2"	48
DZRK 80001002	Straight Union	2"	24



Brass Sleeve

CODE	DESCRIPTION	SIZE	PCS/BOX
MNŞS 30001012	Brass Sleeve	1/2"	624
MNŞS 30001034	Brass Sleeve	3/4"	385
MNŞS 30001001	Brass Sleeve	1"	240
MNŞS 30001114	Brass Sleeve	1 1/4"	96
MNŞS 30001112	Brass Sleeve	1 1/2"	96
MNŞS 30001002	Brass Sleeve	2"	36



Vertical Check Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
ÇKVD 70001012	Vertical Check Valve	1/2"	120
ÇKVD 70001034	Vertical Check Valve	3/4"	60
ÇKVD 70001001	Vertical Check Valve	1"	30
ÇKVD 70001114	Vertical Check Valve	1 1/4"	24
ÇKVD 70001112	Vertical Check Valve	1 1/2"	16
ÇKVD 70001002	Vertical Check Valve	2"	6



Plastic Spring Flap

CODE	DESCRIPTION	SIZE	PCS/BOX
KLPY 20001012	Plastic Spring Flap	1/2"	80
KLPY 20001034	Plastic Spring Flap	3/4"	48
KLPY 20001001	Plastic Spring Flap	1"	36
KLPY 20001114	Plastic Spring Flap	1 1/4"	27
KLPY 20001112	Plastic Spring Flap	1 1/2"	12
KLPY 20001002	Plastic Spring Flap	2"	8
KLPY 20001003	Plastic Spring Flap	3"	4



Brass Flap Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
KLPS 20001034	Brass Flap Valve	3/4"	60
KLPS 20001001	Brass Flap Valve	1"	36
KLPS 20001114	Brass Flap Valve	1 1/4"	27
KLPS 20001112	Brass Flap Valve	1 1/2"	12
KLPS 20001002	Brass Flap Valve	2"	8
KLPS 20001003	Brass Flap Valve	3"	4



Reduction Nipple (M-M)

CODE	DESCRIPTION	SIZE	PCS/BOX
NPLO 80003814	Reduction Nipple (M-M)	3/8 - 1/4"	528
NPLO 80001214	Reduction Nipple (M-M)	1/2 - 1/4"	350
NPLO 80003812	Reduction Nipple (M-M)	3/8 - 1/2"	350
NPLO 80001234	Reduction Nipple (M-M)	1/2 - 3/4"	192
NPLO 80003401	Reduction Nipple (M-M)	3/4 - 1"	160
NPLO 80000112	Reduction Nipple (M-M)	1 - 1/2"	72
NPLO 80001141	Reduction Nipple (M-M)	1 1/4 - 1"	72



90° Brass Female Elbow

CODE	DESCRIPTION	SIZE	PCS/BOX
DRKS 30001012	90° Brass Female Elbow	1/2"	192
DRKS 30001034	90° Brass Female Elbow	3/4"	84
DRKS 30001001	90° Brass Female Elbow	1"	72



Brass T Body

CODE	DESCRIPTION	SIZE	PCS/BOX
TESR 20001012	Brass T Body	1/2"	192
TESR 20001034	Brass T Body	3/4"	84
TESR 20001001	Brass T Body	1"	72
TESR 20001114	Brass T Body	1 1/4"	30
TESR 20001002	Brass T Body	2"	16



90° Brass Tail Elbow

CODE	DESCRIPTION	SIZE	PCS/BOX
DZRK 80001012	90° Brass Tail Elbow	1/2"	168
DZRK 80001034	90° Brass Tail Elbow	3/4"	72
DZRK 80001001	90° Brass Tail Elbow	1"	60
DZRK 80001114	90° Brass Tail Elbow	1 1/4"	24
DZRK 80001112	90° Brass Tail Elbow	1 1/2"	16
DZRK 80001002	90° Brass Tail Elbow	2"	6

Brass Fittings Transition Union



Brass Female Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
OYBD 20001012	Brass Female Transition Union	Ø20* 1/2"	450
OYBD 20001034	Brass Female Transition Union	Ø25* 3/4"	300
OYBD 20001001	Brass Female Transition Union	Ø32* 1"	200
OYBD 20001114	Brass Female Transition Union	Ø40* 1 1/4"	100
OYBD 20001112	Brass Female Transition Union	Ø50* 1 1/2"	60
OYBD 20001002	Brass Female Transition Union	Ø63* 2"	40
OYBD 20001212	Brass Female Transition Union	Ø75* 2 1/2"	10
OYBD 20001003	Brass Female Transition Union	Ø90* 3"	6
OYBD 20001004	Brass Female Transition Union	Ø110* 4"	3

Brass Female Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
OBAD 21012001	Brass Female Transition Union	Ø20* 3/4"	400
OBAD 21012034	Brass Female Transition Union	Ø20* 1"	225
OBAD 21012501	Brass Female Transition Union	Ø25* 1/2"	300
OBAD 21012512	Brass Female Transition Union	Ø25* 1"	250
OBAD 21013214	Brass Female Transition Union	Ø32* 1 1/4"	225
OBAD 21013212	Brass Female Transition Union	Ø32* 1/2"	200
OBAD 21013234	Brass Female Transition Union	Ø32* 3/4"	150



Brass Male Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
OYBE 20001012	Brass Male Transition Union	Ø20* 1/2"	400
OYBE 20001034	Brass Male Transition Union	Ø25* 3/4"	250
OYBE 20001001	Brass Male Transition Union	Ø32* 1"	150
OYBE 20001114	Brass Male Transition Union	Ø40* 1 1/4"	75
OYBE 20001112	Brass Male Transition Union	Ø50* 1 1/2"	50
OYBE 20001002	Brass Male Transition Union	Ø63* 2"	30
OYBE 20001212	Brass Male Transition Union	Ø75* 2 1/2"	10
OYBE 20001003	Brass Male Transition Union	Ø90* 3"	8
OYBE 20001004	Brass Male Transition Union	Ø110* 4"	4

Brass Male Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
OBAE 21012001	Brass Male Transition Union	Ø20* 3/4"	300
OBAE 21012034	Brass Male Transition Union	Ø20* 1"	175
OBAE 21012501	Brass Male Transition Union	Ø25* 1/2"	250
OBAE 21012512	Brass Male Transition Union	Ø25* 1"	175
OBAE 21013214	Brass Male Transition Union	Ø32* 1 1/4"	200
OBAE 21013212	Brass Male Transition Union	Ø32* 1/2"	150
OBAE 21013234	Brass Male Transition Union	Ø32* 3/4"	100



Transition Union (Two Side Welded)

CODE	DESCRIPTION	SIZE	PCS/BOX
KARE 20001012	Brass Two Side Welded Union	1/2"	300
KARE 20001034	Brass Two Side Welded Union	3/4"	250
KARE 20001001	Brass Two Side Welded Union	1"	150
KARE 20001114	Brass Two Side Welded Union	1 1/4"	100
KARE 20001112	Brass Two Side Welded Union	1 1/2"	50
KARE 20001002	Brass Two Side Welded Union	2"	25



Transition Union

Angular Adjustability
and Flexibility

PPR Pipes

Connection Solutions





Linear Expansion Table For PPR(C) Pipes

Pipe Length

Temperature Difference DT (°C)	L(m)	10	20	30	40	50	60	70	80
1.0	1.0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0
2.0	2.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
3.0	3.0	4.5	9.0	13.5	18.0	22.5	27.0	31.5	36.0
4.0	4.0	6.0	12.0	18.0	24.0	30.0	36.0	42.0	48.0
5.0	5.0	7.0	15.0	22.5	30.0	37.5	45.0	52.5	60.0
6.0	6.0	9.0	18.0	27.0	36.0	45.0	54.0	63.0	72.0
7.0	7.0	10.5	21.0	31.5	42.0	52.5	63.0	73.5	84.0
8.0	8.0	12.0	24.0	36.0	48.0	60.0	72.0	84.0	96.0
9.0	9.0	13.5	27.0	40.5	54.0	67.5	81.0	94.5	108.0
10.0	10.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0

Linear Expansion Table For PPR(C) Composite Pipes

Pipe Length

Temperature Difference DT (°C)	L(m)	10	20	30	40	50	60	70	80
1.0	1.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2
2.0	2.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4
3.0	3.0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
4.0	4.0	1.6	3.2	4.8	6.4	8.0	9.6	11.2	12.8
5.0	5.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
6.0	6.0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2
7.0	7.0	2.8	5.6	8.4	11.2	14.0	16.8	19.6	22.4
8.0	8.0	3.2	6.4	9.6	12.8	16.0	19.2	22.4	25.6
9.0	9.0	3.6	7.2	10.8	14.4	18.0	21.6	25.2	28.8
10.0	10.0	4.0	8.0	12.0	16.0	20.0	24.0	28.0	32.0

PPR(C) Pipes Technical Data

Characteristics		Unit	Test Method	Value
Density	+23°C	g/cm ³	ISO 1183	0,909
Melting Index	MFR 190/5	g/10 min	ISO 1133	0,55
	MFR 230/2,16	g/10 min	ISO 1133	0,30
	MVR 230/5	g/10 min	ISO 1133	1,20
	MVR 230/2,16	cm ³ /10 min	ISO 1133	0,4
Break-off Strength	(50 mm/min)	Mpa		25
Break-off Strain	(50 mm/min)	%	ISO 527/1+2	10
Shore D Toughness	(3 sec value)	-	DIN 53505	65
Charpy Flow (Strength)	+23°C	kJ/m ²	ISO 179/1eU	43
	+0°C	kJ/m ²	ISO 179/1eU	
	-30°C	kJ/m ²	ISO 179/1eU	
Charpy MiXed Blow Strength	+23°C	kJ/m ²	ISO 179/1eA	52
	+0°C	kJ/m ²	ISO 179/1eA	7
	-30°C	kJ/m ²	ISO 179/1eA	2,5
Melting Range		°C	DSC	150-160
Lineat Thermo EXpansion Coefficient		1/K	DIN 53752	1,5*10 ⁻⁴
Thermal Conductivity		W/mK	DIN 52612	0,24
EXterior Strength		Ohm	DIN VDE 0303, T3	>1014

Installation Information Of PPR(C) Pipe And Fittings (Welding Tools Temperature Value - 260 °C)

Pipe Diameter (mm)	Weld Depth (mm)	Installation Time (W.machine) (sec)	Installation Time (Pieces) (sec)	Cooling Time (sec)
20 mm	14.5	6	4	3
25 mm	16	8	5	4
32 mm	18	9	7	5
40 mm	20.5	13	7	5
50 mm	23.5	19	8	6
63 mm	27.5	25	8	8
75 mm	30	31	11	9
90 mm	33	41	12	10
110 mm	37	51	13	11

CLAMP'S DISTANCES ON PIPES

Different factors such as the type, diameter, weight and water temperature of the pipes can change the clamp distances. According to this variability, the approximate values are as follows. Also, in vertical installations, this rate (depending on the structure) may increase by 1.5 times more distances.

Clamp's Distances On PPR(C) Pipes

d / °C	0 / °C	20 / °C	30 / °C	40 / °C	50 / °C	60 / °C	70 / °C
20 mm	85 cm	60 cm	60 cm	60 cm	60 cm	55 cm	50 cm
25 mm	105 cm	75 cm	75 cm	70 cm	70 cm	65 cm	60 cm
32 mm	125 cm	90 cm	90 cm	80 cm	80 cm	75 cm	75 cm
40 mm	140 cm	100 cm	100 cm	90 cm	90 cm	85 cm	80 cm
50 mm	165 cm	120 cm	120 cm	110 cm	110 cm	100 cm	95 cm
63 mm	190 cm	140 cm	140 cm	130 cm	130 cm	115 cm	105 cm
75 mm	205 cm	150 cm	150 cm	140 cm	140 cm	125 cm	115 cm
90 mm	220 cm	160 cm	160 cm	150 cm	150 cm	140 cm	125 cm
110 mm	250 cm	180 cm	180 cm	170 cm	170 cm	160 cm	140 cm



PPR(C) Pipe PN16



CODE	SIZE	OD	THK. (mm)	PCS/BOX
MBPP-BORD-20PN16	Ø20	20,3	2,8	140
MBPP-BORD-25PN16	Ø25	25,3	3,5	100
MBPP-BORD-32PN16	Ø32	32,3	4,4	60
MBPP-BORD-40PN16	Ø40	40,4	5,5	40
MBPP-BORD-50PN16	Ø50	50,5	6,9	32
MBPP-BORD-63PN16	Ø63	63,6	8,6	20
MBPP-BORD-63PN16	Ø75	75,7	10,3	16
MBPP-BORD-75PN16	Ø90	90,9	12,3	8
MBPP-BORD-110PN16	Ø110	111	15,1	4

PPR(C) Pipe PN20



CODE	SIZE	OD	THK. (mm)	PCS/BOX
MBPP-BORD-20PN20	Ø20	20,3	3,4	140
MBPP-BORD-25PN20	Ø25	25,3	4,2	100
MBPP-BORD-32PN20	Ø32	32,3	5,4	60
MBPP-BORD-40PN20	Ø40	40,4	6,7	40
MBPP-BORD-50PN20	Ø50	50,5	8,3	32
MBPP-BORD-63PN20	Ø63	63,6	10,5	20
MBPP-BORD-63PN20	Ø75	75,7	12,5	16
MBPP-BORD-75PN20	Ø90	90,9	15	8
MBPP-BORD-110PN20	Ø110	111	18,3	4



PPR(C) Composite Pipe PN20



CODE	SIZE	OD	THK. (mm)	PCS/BOX
MBPP-BORK-20PN20	Ø20	20,3	2,8	140
MBPP-BORK-25PN20	Ø25	25,3	3,5	100
MBPP-BORK-32PN20	Ø32	32,3	4,4	60
MBPP-BORK-40PN20	Ø40	40,4	5,5	40
MBPP-BORK-50PN20	Ø50	50,5	6,9	32
MBPP-BORK-63PN20	Ø63	63,6	8,6	20
MBPP-BORK-75PN20	Ø75	75,7	10,3	16
MBPP-BORK-90PN20	Ø90	90,9	12,3	8
MBPP-BORK-110PN20	Ø110	111	15,1	4

PPR(C) Composite Pipe PN25



CODE	SIZE	OD	THK. (mm)	PCS/BOX
MBPP-BORK-20PN25	Ø20	20,3	3,4	140
MBPP-BORK-25PN25	Ø25	25,3	4,2	100
MBPP-BORK-32PN25	Ø32	32,3	5,4	60
MBPP-BORK-40PN25	Ø40	40,4	6,7	40
MBPP-BORK-50PN25	Ø50	50,5	8,3	32
MBPP-BORK-63PN25	Ø63	63,6	10,5	20
MBPP-BORK-75PN25	Ø75	75,7	12,5	16
MBPP-BORK-90PN25	Ø90	90,9	15	8
MBPP-BORK-110PN25	Ø110	111	18,3	4



PPR(C) 3 Layer Pipe PN16



CODE	SIZE	OD	THK. (mm)	PCS/BOX
MUKB-BORD-20PN16	Ø20	20 mm	2,8	120
MUKB-BORD-25PN16	Ø25	25 mm	3,5	80
MUKB-BORD-32PN16	Ø32	32 mm	4,4	60
MUKB-BORD-40PN16	Ø40	40 mm	5,5	40
MUKB-BORD-50PN16	Ø50	50 mm	6,9	24
MUKB-BORD-63PN16	Ø63	63 mm	8,6	16

PPR(C) 3 Layer Pipe PN20



CODE	SIZE	OD	THK. (mm)	PCS/BOX
MUKB-BORD-20PN20	Ø20	20 mm	3,4	120
MUKB-BORD-25PN20	Ø25	25 mm	4,2	80
MUKB-BORD-32PN20	Ø32	32 mm	5,4	60
MUKB-BORD-40PN20	Ø40	40 mm	6,7	40
MUKB-BORD-50PN20	Ø50	50 mm	8,3	24
MUKB-BORD-63PN20	Ø63	63 mm	10,5	16

PPR Fittings

Connection Solutions





PPR Elbow 90°

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-DRSK-200090	Elbow 90° 20mm	Ø20X90	500
MBPP-DRSK-250090	Elbow 90° 25mm	Ø25X90	300
MBPP-DRSK-320090	Elbow 90° 32mm	Ø32X90	150
MBPP-DRSK-400090	Elbow 90° 40mm	Ø40X90	75
MBPP-DRSK-500090	Elbow 90° 50mm	Ø50X90	40
MBPP-DRSK-630090	Elbow 90° 63mm	Ø63X90	25
MBPP-DRSK-750090	Elbow 90° 75mm	Ø75X90	16
MBPP-DRSK-900090	Elbow 90° 90mm	Ø90X90	8
MBPP-DRSK-110090	Elbow 90° 110mm	Ø110X90	4
MBPP-DRSK-125090	Elbow 90° 125mm	Ø125X90	2
MBPP-DRSK-160090	Elbow 90° 160mm	Ø160X90	2



PPR Elbow 45°

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-DRSK-200045	Elbow 45° 20mm	Ø20X45	500
MBPP-DRSK-250045	Elbow 45° 25mm	Ø25X45	350
MBPP-DRSK-320045	Elbow 45° 32mm	Ø32X45	175
MBPP-DRSK-400045	Elbow 45° 40mm	Ø40X45	100
MBPP-DRSK-500045	Elbow 45° 50mm	Ø50X45	50
MBPP-DRSK-630045	Elbow 45° 63mm	Ø63X45	30
MBPP-DRSK-750045	Elbow 45° 75mm	Ø75X45	16
MBPP-DRSK-900045	Elbow 45° 90mm	Ø90X45	8
MBPP-DRSK-110045	Elbow 45° 110mm	Ø110X45	4



PPR Tail Elbow 90°

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KDRS-200090	Tail Elbow 90° 20mm	Ø20X90	500
MBPP-KDRS-250090	Tail Elbow 90° 25mm	Ø25X90	300



PPR Tail Elbow 45°

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KDRS-200045	Tail Elbow 45° 20mm	Ø20X45	500
MBPP-KDRS-250045	Tail Elbow 45° 25mm	Ø25X45	350
MBPP-KDRS-320045	Tail Elbow 45° 32mm	Ø32X45	175



PPR Reduction

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPPRDKS-250020	Reduction 25x20mm	Ø25X20	750
MBPPRDKS-320020	Reduction 32x20mm	Ø32X20	400
MBPPRDKS-320025	Reduction 32x25mm	Ø32X25	400
MBPPRDKS-400020	Reduction 40x20mm	Ø40X20	250
MBPPRDKS-400025	Reduction 40x25mm	Ø40X25	200
MBPPRDKS-400032	Reduction 40x32mm	Ø40X32	200
MBPPRDKS-500020	Reduction 50x20mm	Ø50X20	120
MBPPRDKS-500025	Reduction 50x25mm	Ø50X25	120
MBPPRDKS-500032	Reduction 50x32mm	Ø50X32	100
MBPPRDKS-500040	Reduction 50x40mm	Ø50X40	100
MBPPRDKS-630032	Reduction 63x32mm	Ø63X32	80
MBPPRDKS-630040	Reduction 63x40mm	Ø63X40	80
MBPPRDKS-630050	Reduction 63x50mm	Ø63X50	75
MBPPRDKS-750040	Reduction 75x40mm	Ø75X40	50
MBPPRDKS-750050	Reduction 75x50mm	Ø75X50	50
MBPPRDKS-750063	Reduction 75x63mm	Ø75X63	36
MBPPRDKS-900050	Reduction 90x50mm	Ø90X50	36
MBPPRDKS-900063	Reduction 90x63mm	Ø90X63	36
MBPPRDKS-900075	Reduction 90x75mm	Ø90X75	24
MBPPRDKS-110063	Reduction 110x63mm	Ø110X63	20
MBPPRDKS-110075	Reduction 110x75mm	Ø110X75	16
MBPPRDKS-110090	Reduction 110x90mm	Ø110X90	16
MBPPRDKS-125090	Reduction 125x90mm	Ø125X90	8
MBPPRDKS-125110	Reduction 125x110mm	Ø125X110	8
MBPPRDKS-160110	Reduction 160x110mm	Ø160X110	4
MBPPRDKS-160125	Reduction 160x125mm	Ø160X125	4

PPR Socket

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-MANS-200000	Socket 20mm	Ø20	600
MBPP-MANS-250000	Socket 25mm	Ø25	400
MBPP-MANS-320000	Socket 32mm	Ø32	200
MBPP-MANS-400000	Socket 40mm	Ø40	120
MBPP-MANS-500000	Socket 50mm	Ø50	60
MBPP-MANS-630000	Socket 63mm	Ø63	40
MBPP-MANS-750000	Socket 75mm	Ø75	24
MBPP-MANS-900000	Socket 90mm	Ø90	18
MBPP-MANS-110000	Socket 110mm	Ø110	11
MBPP-MANS-125000	Socket 125mm	Ø125	4
MBPP-MANS-160000	Socket 160mm	Ø160	2



PPR Reduced Sleeve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPPRDMN-250020	Reduced Sleeve 25x20	Ø25X20	750
MBPPRDMN-320020	Reduced Sleeve 32x20	Ø32X20	400
MBPPRDMN-320025	Reduced Sleeve 32x25	Ø32X25	400



PPR Reduced Tee

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-İTEE-252020	Reduced Tee	Ø25X20X20	250
MBPP-İTEE-252025	Reduced Tee	Ø25X20X25	225
MBPP-İTEE-322020	Reduced Tee	Ø32X20X20	100
MBPP-İTEE-322025	Reduced Tee	Ø32X20X25	100
MBPP-İTEE-322032	Reduced Tee	Ø32X20X32	100
MBPP-İTEE-322520	Reduced Tee	Ø32X25X20	100
MBPP-İTEE-322525	Reduced Tee	Ø32X25X25	100
MBPP-İTEE-322532	Reduced Tee	Ø32X25X32	125
MBPP-İTEE-402040	Reduced Tee	Ø40X20X40	75
MBPP-İTEE-402540	Reduced Tee	Ø40X25X40	75
MBPP-İTEE-403240	Reduced Tee	Ø40X32X40	60
MBPP-İTEE-502050	Reduced Tee	Ø50X20X50	40
MBPP-İTEE-502550	Reduced Tee	Ø50X25X50	40
MBPP-İTEE-503250	Reduced Tee	Ø50X32X50	35
MBPP-İTEE-504050	Reduced Tee	Ø50X40X50	35
MBPP-İTEE-632063	Reduced Tee	Ø63X20X63	24
MBPP-İTEE-632563	Reduced Tee	Ø63X25X63	24
MBPP-İTEE-633263	Reduced Tee	Ø63X32X63	20
MBPP-İTEE-634063	Reduced Tee	Ø63X40X63	20
MBPP-İTEE-635063	Reduced Tee	Ø63X50X63	20
MBPP-İTEE-752575	Reduced Tee	Ø75X25X75	12
MBPP-İTEE-753275	Reduced Tee	Ø75X32X75	12
MBPP-İTEE-754075	Reduced Tee	Ø75X40X75	12
MBPP-İTEE-755075	Reduced Tee	Ø75X50X75	12
MBPP-İTEE-756375	Reduced Tee	Ø75X63X75	12
MBPP-İTEE-903290	Reduced Tee	Ø90X32X90	8
MBPP-İTEE-904090	Reduced Tee	Ø90X40X90	8
MBPP-İTEE-905090	Reduced Tee	Ø90X50X90	8
MBPP-İTEE-906390	Reduced Tee	Ø90X63X90	6
MBPP-İTEE-907590	Reduced Tee	Ø90X75X90	6
MBPP-İTEE-114011	Reduced Tee	Ø110X40X110	4
MBPP-İTEE-115011	Reduced Tee	Ø110X50X110	4
MBPP-İTEE-116311	Reduced Tee	Ø110X63X110	4
MBPP-İTEE-117511	Reduced Tee	Ø110X75X110	2
MBPP-İTEE-119011	Reduced Tee	Ø110X90X110	2

PPR Tee Piece

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ETEE-200000	Tee Piece	Ø20	350
MBPP-ETEE-250000	Tee Piece	Ø25	200
MBPP-ETEE-320000	Tee Piece	Ø32	100
MBPP-ETEE-400000	Tee Piece	Ø40	50
MBPP-ETEE-500000	Tee Piece	Ø50	32
MBPP-ETEE-630000	Tee Piece	Ø63	15
MBPP-ETEE-750000	Tee Piece	Ø75	10
MBPP-ETEE-900000	Tee Piece	Ø90	4
MBPP-ETEE-110000	Tee Piece	Ø110	2
MBPP-ETEE-125000	Tee Piece	Ø125	2
MBPP-ETEE-160000	Tee Piece	Ø160	1



PPR Double Tee

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ÇFTE-202020	Double Tee	Ø25-Ø20-Ø20	250
MBPP-ÇFTE-202525	Double Tee	Ø20-Ø25-Ø25	250
MBPP-ÇFTE-202025	Double Tee	Ø20-Ø20-Ø25	250
MBPP-ÇFTE-202520	Double Tee	Ø20-Ø25-Ø20	250
MBPP-ÇFTE-252020	Double Tee	Ø25-Ø20-Ø20	225
MBPP-ÇFTE-252025	Double Tee	Ø25-Ø20-Ø25	225
MBPP-ÇFTE-252520	Double Tee	Ø25-Ø25-Ø20	225
MBPP-ÇFTE-252525	Double Tee	Ø25-Ø25-Ø25	225



PPR Crossover Short

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-CKVS-200000	Crossover Short 20mm	Ø20	200
MBPP-CKVS-250000	Crossover Short 25mm	Ø25	150
MBPP-CKVS-320000	Crossover Short 32mm	Ø32	70



PPR Crossover Socket Type

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-MKVS-200000	Crossover Socket Type 20mm	Ø20	120
MBPP-MKVS-250000	Crossover Socket Type 25mm	Ø25	125
MBPP-MKVS-320000	Crossover Socket Type 32mm	Ø32	50



PPR Crossover

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-BKVS-200000	Crossover 20mm	Ø20	150
MBPP-BKVS-250000	Crossover 25mm	Ø25	125
MBPP-BKVS-320000	Crossover 32mm	Ø32	50



PPR Crossover Tee

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-TKVS-200000	Crossover Tee	Ø20	150
MBPP-TKVS-250000	Crossover Tee	Ø25	125



PPR Single Clamp

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KLPT-200000	Single Clamp 20mm	Ø20	1000
MBPP-KLPT-250000	Single Clamp 25mm	Ø25	750
MBPP-KLPT-320000	Single Clamp 32mm	Ø32	450
MBPP-KLPT-400000	Single Clamp 40mm	Ø40	400



PPR Double Clamp

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KLPC-200000	Double Clamp 20mm	Ø20	400
MBPP-KLPC-250000	Double Clamp 25mm	Ø25	300
MBPP-KLPC-320000	Double Clamp 32mm	Ø32	200



PPR Single Clamp with Locked

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-TKKP-160000	Single Clamp with Locked	Ø16	750
MBPP-TKKP-200000	Single Clamp with Locked	Ø20	750
MBPP-TKKP-250000	Single Clamp with Locked	Ø25	600
MBPP-TKKP-320000	Single Clamp with Locked	Ø32	300
MBPP-TKKP-400000	Single Clamp with Locked	Ø40	200
MBPP-TKKP-500000	Single Clamp with Locked	Ø50	120



PPR Ball Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KÜRV-200000	Ball Valve 20mm	Ø20	80
MBPP-KÜRV-250000	Ball Valve 25mm	Ø25	60
MBPP-KÜRV-320000	Ball Valve 32mm	Ø32	40
MBPP-KÜRV-400000	Ball Valve 40mm (Eco Model)	Ø40	10
MBPP-KÜRV-500000	Ball Valve 50mm (Eco Model)	Ø50	6



PPR Cross

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-İSTV-200000	Cross 20mm	Ø20	200
MBPP-İSTV-250000	Cross 25mm	Ø25	150
MBPP-İSTV-320000	Cross 32mm	Ø32	100

PPR Reduciton Elbow

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-RDDR-250020	Reduciton Elbow	Ø25X20	300
TBPP-RDDR-320020	Reduciton Elbow	Ø32X20	150
TBPP-RDDR-320025	Reduciton Elbow	Ø32X25	150



PPR Stopend

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KABA-200000	Stopend 20mm	Ø20	1200
MBPP-KABA-250000	Stopend 25mm	Ø25	750
MBPP-KABA-320000	Stopend 32mm	Ø32	400
MBPP-KABA-400000	Stopend 40mm	Ø40	200
MBPP-KABA-500000	Stopend 50mm	Ø50	120
MBPP-KABA-630000	Stopend 63mm	Ø63	50
MBPP-KABA-750000	Stopend 75mm	Ø75	30
MBPP-KABA-900000	Stopend 90mm	Ø90	24
MBPP-KABA-110000	Stopend 110mm	Ø110	12



PPR End Cap

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-TAPA-200000	End Cap 20mm	Ø20	1200
MBPP-TAPA-250000	End Cap 25mm	Ø25	750
MBPP-TAPA-320000	End Cap 32mm	Ø32	400



PPR End Cap Long

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-UTAP-200000	End Cap Long 20mm	Ø20	250



PPR Combi Set

CODE	DESCRIPTION	DESCRIPTION 2	PCS/BOX
MBPP-KSNP-000008	Combi Set	8-Piece Straight Nipple Set	12
MBPP-KSNP-000010	Combi Set	10-Piece Straight Nipple Set	12
MBPP-KSDR-000008	Combi Set	8-Piece Elbow Set	12
MBPP-KSDR-000010	Combi Set	10-Piece Elbow Set	12



PPR Female Nippel

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-NİİD-200020	Female Nippel	Ø20X1/2"	250
MBPP-NİİD-200025	Female Nippel	Ø20X3/4"	200
MBPP-NİİD-250020	Female Nippel	Ø25X1/2"	150
MBPP-NİİD-250025	Female Nippel	Ø25X3/4"	125
MBPP-NİİD-320020	Female Nippel	Ø32X1/2"	100
MBPP-NİİD-320025	Female Nippel	Ø32X3/4"	100
MBPP-NİİD-320032	Female Nippel	Ø32X1"	100



PPR Male Nippel

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-NİDD-200020	Male Nippel	Ø20X1/2"	200
MBPP-NİDD-200025	Male Nippel	Ø20X3/4"	150
MBPP-NİDD-250020	Male Nippel	Ø25X1/2"	125
MBPP-NİDD-250025	Male Nippel	Ø25X3/4"	125
MBPP-NİDD-320020	Male Nippel	Ø32X1/2"	80
MBPP-NİDD-320025	Male Nippel	Ø32X3/4"	75
MBPP-NİDD-320032	Male Nippel	Ø32X1"	80



PPR Hexagonal Female Nippel

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-NİİD-40AA40	Hexagonal Female Nippel	Ø40X1 1/4"	50
MBPP-NİİD-50AA50	Hexagonal Female Nippel	Ø50X1 1/2"	30
MBPP-NİİD-63AA63	Hexagonal Female Nippel	Ø63X2"	20
MBPP-NİİD-75AA75	Hexagonal Female Nippel	Ø75X2 1/2"	10
MBPP-NİİD-90AA90	Hexagonal Female Nippel	Ø90X3"	4
MBPP-NİİD-11AA11	Hexagonal Female Nippel	Ø110X4"	2



PPR Hexagonal Male Nippel

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-NİDD-40AA40	Hexagonal Male Nippel	Ø40X1 1/4"	40
MBPP-NİDD-50AA50	Hexagonal Male Nippel	Ø50X1 1/2"	30
MBPP-NİDD-63AA63	Hexagonal Male Nippel	Ø63X2"	20
MBPP-NİDD-75AA75	Hexagonal Male Nippel	Ø75X2 1/2"	8
MBPP-NİDD-90AA90	Hexagonal Male Nippel	Ø90X3"	4
MBPP-NİDD-11AA11	Hexagonal Male Nippel	Ø110X4"	2



PPR Female Elbow 90°

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-DİİD-200020	Female Elbow 90°	Ø20X1/2"	200
MBPP-DİİD-200025	Female Elbow 90°	Ø20X3/4"	150
MBPP-DİİD-250020	Female Elbow 90°	Ø25X1/2"	125
MBPP-DİİD-250025	Female Elbow 90°	Ø25X3/4"	125
MBPP-DİİD-250032	Female Elbow 90°	Ø25X1"	125
MBPP-DİİD-320020	Female Elbow 90°	Ø32X1/2"	60
MBPP-DİİD-320025	Female Elbow 90°	Ø32X3/4"	60
MBPP-DİİD-320032	Female Elbow 90°	Ø32X1"	60



PPR Male Elbow 90°

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-DİDD-200020	Male Elbow 90°	Ø20X1/2"	150
MBPP-DİDD-200025	Male Elbow 90°	Ø20X3/4"	125
MBPP-DİDD-250020	Male Elbow 90°	Ø25X1/2"	100
MBPP-DİDD-250025	Male Elbow 90°	Ø25X3/4"	100
MBPP-DİDD-250032	Male Elbow 90°	Ø25X1"	100
MBPP-DİDD-320020	Male Elbow 90°	Ø32X1/2"	60
MBPP-DİDD-320025	Male Elbow 90°	Ø32X3/4"	60
MBPP-DİDD-320032	Male Elbow 90°	Ø32X1"	60



PPR Female Tee

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-TEİD-200020	Female Tee	Ø20X1/2"	150
MBPP-TEİD-200025	Female Tee	Ø20X3/4"	150
MBPP-TEİD-250020	Female Tee	Ø25X1/2"	100
MBPP-TEİD-250025	Female Tee	Ø25X3/4"	100
MBPP-TEİD-320020	Female Tee	Ø32X1/2"	80
MBPP-TEİD-320025	Female Tee	Ø32X3/4"	80
MBPP-TEİD-320032	Female Tee	Ø32X1"	80
MBPP-TEİD-500020	Female Tee	Ø50X1/2"	60
MBPP-TEİD-500025	Female Tee	Ø50X3/4"	60
MBPP-TEİD-630020	Female Tee	Ø63X1/2"	40
MBPP-TEİD-630025	Female Tee	Ø63X3/4"	40
MBPP-TEİD-630032	Female Tee	Ø63X1"	40



PPR Male Tee

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-TEDD-200020	Male Tee	Ø20X1/2"	150
MBPP-TEDD-200025	Male Tee	Ø20X3/4"	150
MBPP-TEDD-250020	Male Tee	Ø25X1/2"	100
MBPP-TEDD-250025	Male Tee	Ø25X3/4"	100
MBPP-TEDD-320020	Male Tee	Ø32X1/2"	80
MBPP-TEDD-320025	Male Tee	Ø32X3/4"	80
MBPP-TEDD-320032	Male Tee	Ø32X1"	80
MBPP-TEDD-500020	Male Tee	Ø50X1/2"	60



PPR Radiator Valve Elbow PN25

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-RADK-200020	Radiator Valve Elbow PN25	Ø20X1/2	50
MBPP-RADK-250020	Radiator Valve Elbow PN25	Ø25X1/2	50
MBPP-RADK-250025	Radiator Valve Elbow PN25	Ø25X3/4	40



PPR Radiator Valve Straight PN25

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-RADD-200020	Radiator Valve Straight PN25	Ø20X1/2	50
MBPP-RADD-250020	Radiator Valve Straight PN25	Ø25X1/2	50
MBPP-RADD-250025	Radiator Valve Straight PN25	Ø25X3/4	40



PPR Female Elbow Wall Type

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-BTiD-200020	Female Elbow Wall Type	Ø20X1/2"	150
MBPP-BTiD-250020	Female Elbow Wall Type	Ø25X1/2"	90
MBPP-BTiD-250025	Female Elbow Wall Type	Ø25X3/4"	90



PPR Male Elbow Wall Type

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-BTDD-200020	Male Elbow Wall Type	Ø20X1/2"	100
MBPP-BTDD-200025	Male Elbow Wall Type	Ø20X3/4"	100
MBPP-BTDD-250020	Male Elbow Wall Type	Ø25X1/2"	75
MBPP-BTDD-250025	Male Elbow Wall Type	Ø25X3/4"	75



PPR Thin Female Double Battery Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ÇiBD-200020	Thin Female Double Battery Connection	Ø20X1/2"	30
MBPP-ÇiBD-200020	Thin Female Double Battery Connection	Ø25X1/2"	30



PPR Thin Male Double Battery Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ÇBiE-200020	Thin Male Double Battery Connection	Ø20X1/2"	25
MBPP-ÇBiE-200025	Thin Male Double Battery Connection	Ø25X1/2"	25



Color Palette



Color Palette

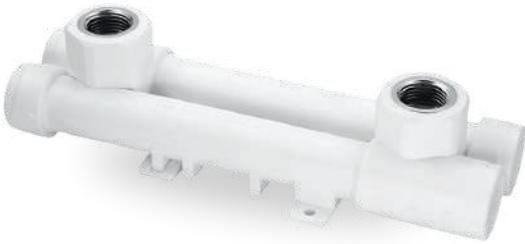


PPR Thick Female Double Battery Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ÇBİD-200020	Thick Female Double Battery Connection	Ø20X1/2"	30
MBPP-ÇBİD-200025	Thick Female Double Battery Connection	Ø20X3/4"	30
MBPP-ÇBİD-250020	Thick Female Double Battery Connection	Ø25X1/2"	30
MBPP-ÇBİD-250025	Thick Female Double Battery Connection	Ø25X3/4"	30

PPR Thick Male Double Battery Connection

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ÇBDD-200020	Thick Male Double Battery Connection	Ø20X1/2"	25
MBPP-ÇBDD-200025	Thick Male Double Battery Connection	Ø20X3/4"	25
MBPP-ÇBDD-250020	Thick Male Double Battery Connection	Ø25X1/2"	25
MBPP-ÇBDD-250025	Thick Male Double Battery Connection	Ø25X3/4"	25



Color Palette



Color Palette



PPR Female Battery Connection Adjustable

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ÇFAB-200020	Female Battery Connection Adjustable	Ø20X1/2"	25
MBPP-ÇFAB-250020	Female Battery Connection Adjustable	Ø25X1/2"	25

PPR Female Taharat Battery

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-TBD-200020	Female Taharat Battery	Ø20X1/2"	30



PPR Female Cross

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-DİST-500020	Female Cross	Ø50X1/2"	8
MBPP-DİST-500025	Female Cross	Ø50X3/4"	8
MBPP-DİST-500032	Female Cross	Ø50X1"	8
MBPP-DİST-630020	Female Cross	Ø63X1/2"	4
MBPP-DİST-630025	Female Cross	Ø63X3/4"	4

PPR Male Cross

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-EİST-500020	Male Cross	Ø50X1/2"	8
MBPP-EİST-500032	Male Cross	Ø50X1"	8



PPR Female Filter

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPT-PSTB-200020	Female Filter	Ø20X1/2"	120
MBPT-PSTB-250025	Female Filter	Ø25X3/4"	80
MBPT-PSTB-320032	Female Filter	Ø32X1"	25

PPR Male Filter

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-EFLT-200000	Male Filter	Ø20X1/2"	90
MBPP-EFLT-250025	Male Filter	Ø25X3/4"	60
MBPP-EFLT-320032	Male Filter	Ø32X1"	25



PPR Nipple with Loose Nut

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-NIPH-200012	Nipple with Loose Nut	Ø20X1/2"	300
MBPP-NIPH-200034	Nipple with Loose Nut	Ø20X3/4"	250
MBPP-NIPH-250012	Nipple with Loose Nut	Ø25X1/2"	200
MBPP-NIPH-250034	Nipple with Loose Nut	Ø25X3/4"	200



PPR 90° Elbow with Loose Nut

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-DRSH-200000	Elbow with Loose Nut	Ø20X1/2"	200
MBPP-DRSH-200034	Elbow with Loose Nut	Ø20X3/4"	150
MBPP-DRSH-250012	Elbow with Loose Nut	Ø25X1/2"	120
MBPP-DRSH-250034	Elbow with Loose Nut	Ø25X3/4"	125



PPR Stop Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-STPV-200000	Stop Valve	Ø20X1/2"	50
MBPP-STPV-250000	Stop Valve	Ø25X3/4"	25
MBPP-STPV-320000	Stop Valve	Ø32X1"	24



PPR Stop Valve Body

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-STVG-200000	Stop Valve Body	Ø20	35
MBPP-STVG-250000	Stop Valve Body	Ø25	30
MBPP-STVG-320000	Stop Valve Body	Ø32	25

PPR Chrome Plated Valve



PPR Chrome Plated Concealed Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-ANKV-200000	Chrome Plated Valve	Ø20	50
MBPP-ANKV-250000	Chrome Plated Valve	Ø25	25
MBPP-ANKV-320000	Chrome Plated Valve	Ø32	15

PPR Chrome Plated Lux Stop Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-LUXV-200000	Chrome Plated Lux Stop Valve	Ø20	50
MBPP-LUXV-250000	Chrome Plated Lux Stop Valve	Ø25	30
MBPP-LUXV-320000	Chrome Plated Lux Stop Valve	Ø32	15



PPR Chrome Plated Square Built-in Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KKAV-200012	Chrome Plated Square Built-in Valve	Ø20X1/2"	25
MBPP-KKAV-250012	Chrome Plated Square Built-in Valve	Ø25X1/2"	25

PPR Chrome Plated Round Built-in Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KYAV-200012	Chrome Plated Round Built-in Valve	Ø20X1/2"	25
MBPP-KYAV-250012	Chrome Plated Round Built-in Valve	Ø25X1/2"	25

PPR Chrome and Matte Black Plated Valve



PPR Chrome Plated Star Built-in Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KZAV-200012	PPR Chrome Star Built-in Valve	Ø20X1/2"	25
MBPP-KZAV-250012	PPR Chrome Star Built-in Valve	Ø25X1/2"	25

PPR Matte Black Square Built-in Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-MKAV-200012	Matte Black Square Built-in Valve	Ø20X1/2"	25
MBPP-MKAV-250012	Matte Black Square Built-in Valve	Ø25X1/2"	25



PPR Matte Black Round Built-in Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-MYAV-200012	Matte Black Round Built-in Valve	Ø20X1/2"	25
MBPP-MYAV-250012	Matte Black Round Built-in Valve	Ø25X1/2"	25

PPR Matte Black Star Built-in Valve

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-MZAV-200012	Matte Black Star Built-in Valve	Ø20X1/2"	25
MBPP-KYAV-250012	Matte Black Star Built-in Valve	Ø25X1/2"	25

PPR Flanged Brass Transition Union



PPR Flanged Female Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-OBİD-200000	Flanged Female Transition Union	Ø20X1/2"	250
MBPP-OBİD-250000	Flanged Female Transition Union	Ø25X3/4"	200
MBPP-OBİD-320000	Flanged Female Transition Union	Ø32X1"	125
MBPP-OBİD-400000	Flanged Female Transition Union	Ø40X1 1/4"	60
MBPP-OBİD-500000	Flanged Female Transition Union	Ø50X1 1/2"	40
MBPP-OBİD-630000	Flanged Female Transition Union	Ø63X2"	20
MBPP-OBİD-750000	Flanged Female Transition Union	Ø75X2 1/2"	10
MBPP-OBİD-900000	Flanged Female Transition Union	Ø90X3"	4

PPR Flanged Female Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-OAİD-200034	PPR Flanged Female Transition Union	Ø20X3/4"	300
MBPP-OAİD-200032	PPR Flanged Female Transition Union	Ø20X1"	150
MBPP-OAİD-250012	PPR Flanged Female Transition Union	Ø25X1/2"	150
MBPP-OAİD-250032	PPR Flanged Female Transition Union	Ø25X1"	125
MBPP-OAİD-320012	PPR Flanged Female Transition Union	Ø32X1/2"	125
MBPP-OAİD-320034	PPR Flanged Female Transition Union	Ø32X3/4"	125
MBPP-OAİD-320014	PPR Flanged Female Transition Union	Ø32X1 1/4"	100



PPR Flanged Male Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-OBDD-200000	PPR Flanged Male Transition Union	Ø20X1/2"	250
MBPP-OBDD-250000	PPR Flanged Male Transition Union	Ø25X3/4"	150
MBPP-OBDD-320000	PPR Flanged Male Transition Union	Ø32X1"	100
MBPP-OBDD-400000	PPR Flanged Male Transition Union	Ø40X1 1/4"	60
MBPP-OBDD-500000	PPR Flanged Male Transition Union	Ø50X1 1/2"	45
MBPP-OBDD-630000	PPR Flanged Male Transition Union	Ø63X2"	16
MBPP-OBDD-750000	PPR Flanged Male Transition Union	Ø75X2 1/2"	10
MBPP-OBDD-900000	PPR Flanged Male Transition Union	Ø90X3"	4

PPR Flanged Male Transition Union

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-OADD-200034	PPR Flanged Male Transition Union	Ø20X3/4"	250
MBPP-OADD-200032	PPR Flanged Male Transition Union	Ø20X1"	150
MBPP-OADD-250012	PPR Flanged Male Transition Union	Ø25X1/2"	150
MBPP-OADD-250032	PPR Flanged Male Transition Union	Ø25X1"	150
MBPP-OADD-320012	PPR Flanged Male Transition Union	Ø32X1/2"	125
MBPP-OADD-320034	PPR Flanged Male Transition Union	Ø32X3/4"	100
MBPP-OADD-320014	PPR Flanged Male Transition Union	Ø32X1 1/4"	100



Transition Union

Angular Adjustability and Flexibility



PPR Flanged Transition Union (Two Side Welded)

CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-KRÇT-200000	Flanged Transition Union	Ø20X1/2"	150
MBPP-KRÇT-250000	Flanged Transition Union	Ø25X3/4"	125
MBPP-KRÇT-320000	Flanged Transition Union	Ø32X1"	100

PPR Water Ball Valve with Connection

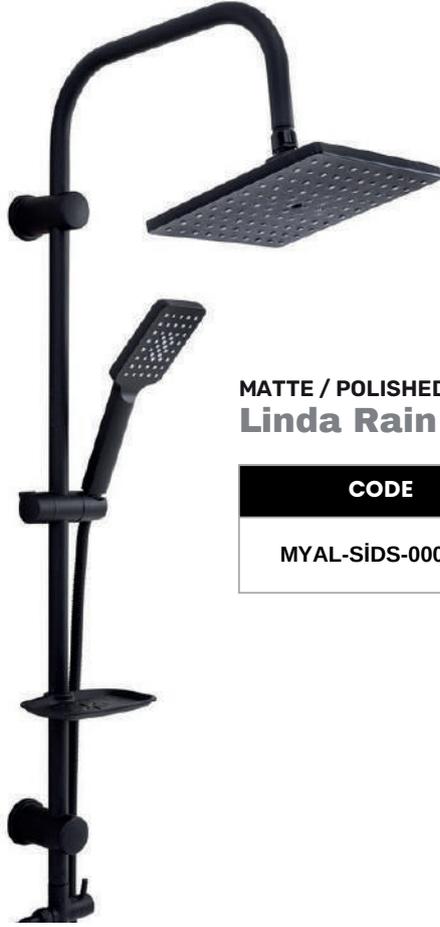
CODE	DESCRIPTION	SIZE	PCS/BOX
MBPP-APBK-200000	Water Ball Valve with Connection	Ø20	50
MBPP-APBK-250000	Water Ball Valve with Connection	Ø25	40
MBPP-APBK-320000	Water Ball Valve with Connection	Ø32	20

Shower Set Series

Bathroom Solutions



Rain Shower Set - Linda Series



MATTE / POLISHED
Linda Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAL-SIDS-000000	Linda Rain Shower Set	6



WHITE
Linda Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAL-BEDS-000000	Linda Rain Shower Set	6

Rain Shower Set - Linda Series



GOLD
Linda Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAL-GODS-000000	Linda Rain Shower Set	6



CHROME
Linda Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAL-KRLX-000000	Linda Rain Shower Set	6

Rain Shower Set - Selena Series



MATTE / POLISHED
Selena Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAS-SIDS-000000	Selena Rain Shower Set	6



WHITE
Selena Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAS-BEDS 000000	Selena Rain Shower Set	6

Rain Shower Set - Selena Series



GOLD
Selena Rain Shower Set

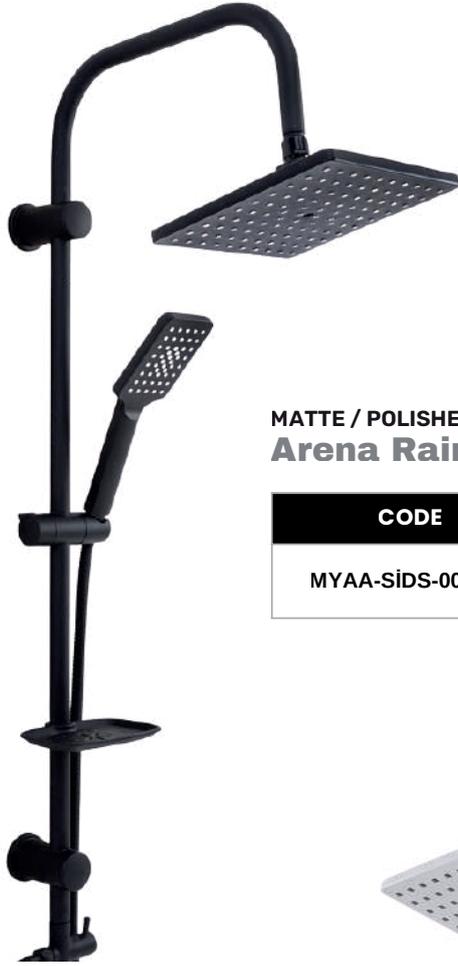
CODE	DESCRIPTION	PCS/BOX
MYAS-GODS-000000	Selena Rain Shower Set	6



CHROME
Selena Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAS-KRLX-000000	Selena Rain Shower Set	6

Rain Shower Set - Arena Series



MATTE / POLISHED
Arena Rain Shower Set

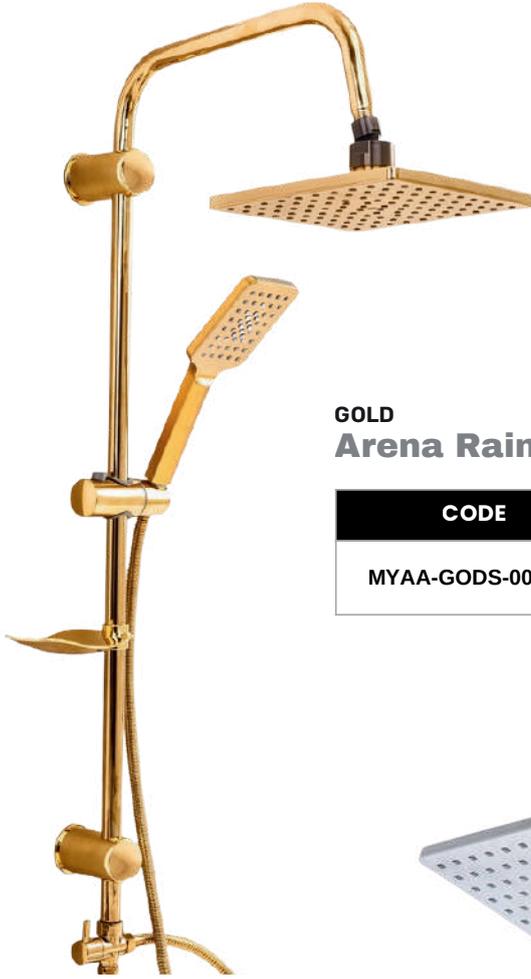
CODE	DESCRIPTION	PCS/BOX
MYAA-SIDS-000000	Arena Rain Shower Set	6



WHITE
Arena Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAA-BEDS-000000	Arena Rain Shower Set	6

Rain Shower Set - Arena Series



GOLD Arena Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAA-GODS-000000	Arena Rain Shower Set	6

CHROME Arena Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAA-KRLX-000000	Arena Rain Shower Set	6



Rain Shower Set - Venera Series



MATTE / POLISHED
Venera Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAV-SİDS-000000	Venera Rain Shower Set	6

WHITE
Venera Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAV-BEDS-000000	Venera Rain Shower Set	6



Rain Shower Set - Venera Series



GOLD Venera Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAV-GODS-000000	Venera Rain Shower Set	6

CHROME Venera Rain Shower Set

CODE	DESCRIPTION	PCS/BOX
MYAV-KRLX-000000	Venera Rain Shower Set	6



Sliding Shower Set - Linda Series



MATTE / POLISHED
Linda Sliding Shower Set

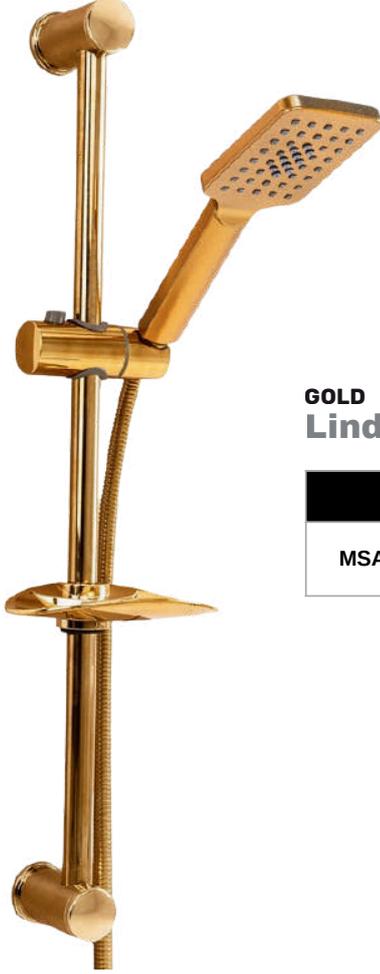
CODE	DESCRIPTION	PCS/BOX
MSAL-SISR-000000	Linda Sliding Shower Set	12

WHITE
Linda Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAL-BESR-000000	Linda Sliding Shower Set	12



Sliding Shower Set - Linda Series



GOLD
Linda Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAL-GOSR-000000	Linda Sliding Shower Set	12

CHROME
Linda Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAL-KRLX-000000	Linda Sliding Shower Set	12



Sliding Shower Set - Selena Series



MATTE / POLISHED
Selena Sliding Shower Set

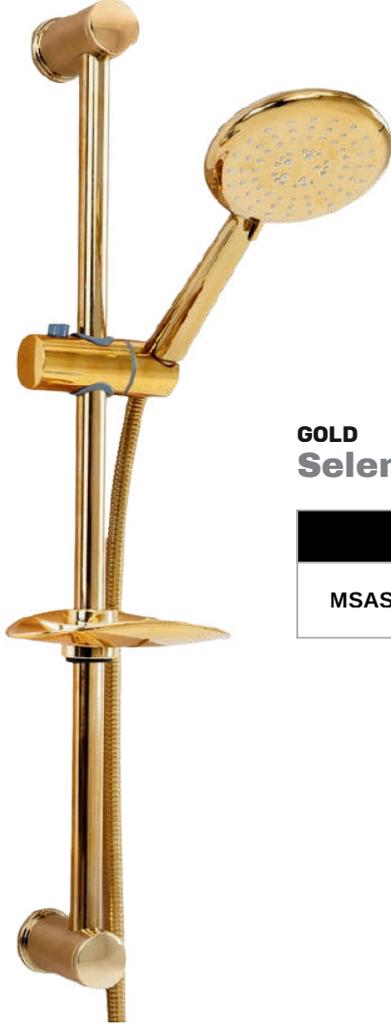
CODE	DESCRIPTION	PCS/BOX
MSAS-SISR-000000	Selena Sliding Shower Set	12



WHITE
Selena Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAS-BESR-000000	Selena Sliding Shower Set	12

Sliding Shower Set - Selena Series



GOLD
Selena Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAS-GOSR-000000	Selena Sliding Shower Set	12

CHROME
Selena Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAS-KRLX-000000	Selena Sliding Shower Set	12



Sliding Shower Set - Arena Series



MATTE / POLISHED
Arena Sliding Shower Set

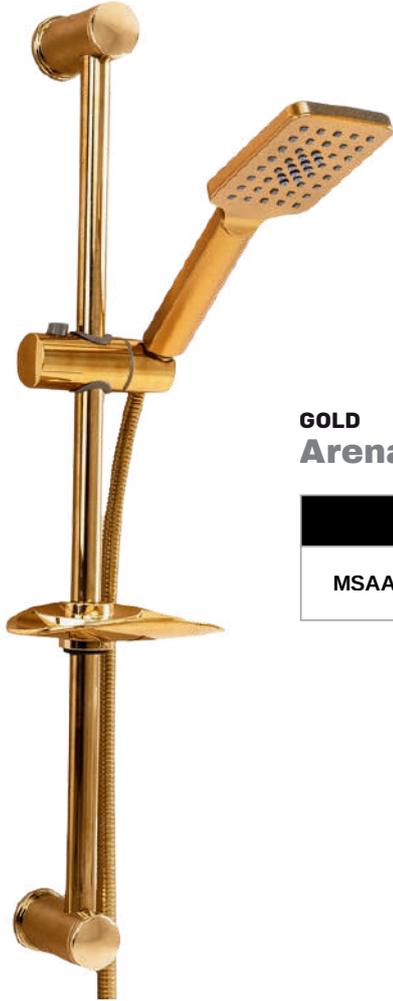
CODE	DESCRIPTION	PCS/BOX
MSAA-SiSR-000000	Arena Sliding Shower Set	12

WHITE
Arena Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAA-BESR-000000	Arena Sliding Shower Set	12



Sliding Shower Set - Arena Series



GOLD Arena Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAA-GOSR-000000	Arena Sliding Shower Set	6

CHROME Arena Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAA-KRLX-000000	Arena Sliding Shower Set	12



Sliding Shower Set - Venera Series



MATTE / POLISHED
Venera Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAV-SISR-000000	Venera Sliding Shower Set	12

WHITE
Venera Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAV-BESR-000000	Venera Sliding Shower Set	12



Sliding Shower Set - Venera Series



GOLD
Venera Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAV-GOSR-000000	Venera Sliding Shower Set	12

CHROME
Venera Sliding Shower Set

CODE	DESCRIPTION	PCS/BOX
MSAV-KRLX-000000	Venera Sliding Shower Set	12



Hinged Hand Shower - Linda Series



MATTE / POLISHED
Linda Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAL-SIMF-00000	Linda Hinged Shower Set	36



WHITE
Linda Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAL-BEMF-00000	Linda Hinged Shower Set	36



GOLD
Linda Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAL-GOMF-00000	Linda Hinged Shower Set	36



CHROME
Linda Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAL-KRLX-00000	Linda Hinged Shower Set	36

Hinged Hand Shower - Selena Series



MATTE / POLISHED
Selena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAS-SIMF-000000	Selena Hinged Shower Set	36



WHITE
Selena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAS-BEMF-000000	Selena Hinged Shower Set	36



GOLD
Selena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAS-GOMF-000000	Selena Hinged Shower Set	36



CHROME
Selena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAS-KRLX-000000	Selena Hinged Shower Set	36

Hinged Hand Shower - Arena Series



MATTE / POLISHED
Arena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAA-SIMF-000000	Arena Hinged Shower Set	36



WHITE
Arena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAA-BEMF-000000	Arena Hinged Shower Set	36



GOLD
Arena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAA-GOMF-000000	Arena Hinged Shower Set	36



CHROME
Arena Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAA-KRLX-000000	Arena Hinged Shower Set	36

Hinged Hand Shower - Venera Series



MATTE / POLISHED
Venera Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAV-SIMF-000000	Venera Hinged Shower Set	36



WHITE
Venera Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAV-BEMF-000000	Venera Hinged Shower Set	36



GOLD
Venera Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAV-GOMF-000000	Venera Hinged Shower Set	36



CHROME
Venera Hinged Shower Set

CODE	DESCRIPTION	PCS/BOX
MMAV-KRLX-000000	Venera Hinged Shower Set	36

Boxed Hand Shower - Linda Series



MATTE / POLISHED
Linda Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-SIED-000001	Linda Boxed Hand Shower	42



WHITE
Linda Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-BEED-000001	Linda Boxed Hand Shower	42



GOLD
Linda Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-GOED-000001	Linda Boxed Hand Shower	42



CHROME
Linda Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-KRLX-000001	Linda Boxed Hand Shower	42

Boxed Hand Shower - Selena Series



MATTE / POLISHED
Selena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-SIED-000001	Selena Boxed Hand Shower	42



WHITE
Selena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-BEED-000001	Selena Boxed Hand Shower	42



GOLD
Selena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-GOED-000001	Selena Boxed Hand Shower	42



CHROME
Selena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-KRLX-000001	Selena Boxed Hand Shower	42

Boxed Hand Shower - Arena Series



MATTE / POLISHED
Arena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-SIED-000001	Arena Boxed Hand Shower	42



WHITE
Arena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-BEED-000001	Arena Boxed Hand Shower	42



GOLD
Arena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-GOED-000001	Arena Boxed Hand Shower	42



CHROME
Arena Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-KRLX-000001	Arena Boxed Hand Shower	42

Boxed Hand Shower - Venera Series



MATTE / POLISHED
Venera Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-SIED-000001	Venera Boxed Hand Shower	42



WHITE
Venera Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-BEED-000001	Venera Boxed Hand Shower	42



GOLD
Venera Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-GOED-000001	Venera Boxed Hand Shower	42



CHROME
Venera Boxed Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-KRLX-000001	Venera Boxed Hand Shower	42

Hand Shower - Linda Series



MATTE / POLISHED
Linda Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-SIED-000000	Linda Hand Shower	42



WHITE
Linda Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-BEED-000000	Linda Hand Shower	42



GOLD
Linda Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-GOED-000000	Linda Hand Shower	42



CHROME
Linda Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAL-KRLX-000000	Linda Hand Shower	42

Hand Shower - Selena Series



MATTE / POLISHED
Selena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-SIED-000000	Selena Hand Shower	42



WHITE
Selena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-BEED-000000	Selena Hand Shower	42



GOLD
Selena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-GOED-000000	Selena Hand Shower	42



CHROME
Selena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAS-KRLX-000000	Selena Hand Shower	42

Hand Shower - Arena Series



MATTE / POLISHED
Arena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-SIED-000000	Arena Hand Shower	42



WHITE
Arena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-BEED-000000	Arena Hand Shower	42



GOLD
Arena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-GOED-000000	Arena Hand Shower	42



CHROME
Arena Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAA-KRLX-000000	Arena Hand Shower	42

Hand Shower - Venera Series



MATTE / POLISHED
Venera Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-SIED-000001	Venera Hand Shower	42



WHITE
Venera Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-BEED-000001	Venera Hand Shower	42



GOLD
Venera Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-GOED-000001	Venera Hand Shower	42



CHROME
Venera Hand Shower

CODE	DESCRIPTION	PCS/BOX
MEAV-KRLX-000001	Venera Hand Shower	42

Shower Spare Parts- Linda Series



MATTE / POLISHED Linda Overhead Shower

WHITE Linda Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAL-SiTD-000001	Linda Overhead Shower	15

CODE	DESCRIPTION	PCS/BOX
MXAL-BETD-000001	Linda Overhead Shower	15



GOLD Linda Overhead Shower

CHROME Linda Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAL-GOTD-000001	Linda Overhead Shower	15

CODE	DESCRIPTION	PCS/BOX
MXAL-KRTD-000001	Linda Overhead Shower	15

Shower Spare Parts- Selena Series



MATTE / POLISHED
Selena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAS-SITD-000001	Selena Overhead Shower	15



WHITE
Selena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAS-BETD-000001	Selena Overhead Shower	15



GOLD
Selena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAS-GOTD-000001	Selena Overhead Shower	15



CHROME
Selena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAS-KRDB-000001	Selena Overhead Shower	15

Shower Spare Parts- Arena Series



MATTE / POLISHED
Arena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAA-SİTD-000001	Arena Overhead Shower	15



WHITE
Arena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAA-BETD-000001	Arena Overhead Shower	15



GOLD
Arena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAA-GOTD-000001	Arena Overhead Shower	15



CHROME
Arena Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAA-KRTD-000001	Arena Overhead Shower	15

Shower Spare Parts- Venera Series



MATTE / POLISHED
Venera Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAV-SITD-000001	Venera Overhead Shower	15



WHITE
Venera Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAV-BETD-000001	Venera Overhead Shower	15



GOLD
Venera Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAV-GOTD-000001	Venera Overhead Shower	15



CHROME
Venera Overhead Shower

CODE	DESCRIPTION	PCS/BOX
MXAV-KRDB-000001	Venera Overhead Shower	15

Shower Spare Parts - Sliding Foot Set



MATTE / POLISHED Sliding Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-SIST-000000	Sliding Foot Set	300

WHITE Sliding Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-BEST-000000	Sliding Foot Set	300



GOLD Sliding Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-GOST-000000	Sliding Foot Set	300

CHROME Sliding Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-KRST-000000	Sliding Foot Set	300

Shower Spare Parts - Rain Foot Set



MATTE / POLISHED Rain Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-SiST-000000	Rain Foot Set	300

WHITE Rain Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-BEST-000000	Rain Foot Set	300



GOLD Rain Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-GOST-000000	Rain Foot Set	300

CHROME Rain Foot Set

CODE	DESCRIPTION	PCS/BOX
MXAX-KRST-000000	Rain Foot Set	300

Shower Spare Parts - Shower Riser



**MATTE / POLISHED
Shower Riser**

CODE	DESCRIPTION	PCS/BOX
MXAX-SIAS-000000	Shower Riser	300



**WHITE
Shower Riser**

CODE	DESCRIPTION	PCS/BOX
MXAX-BEAS-000000	Shower Riser	300



**GOLD
Shower Riser**

CODE	DESCRIPTION	PCS/BOX
MXAX-GOAS-000000	Shower Riser	300



**CHROME
Shower Riser**

CODE	DESCRIPTION	PCS/BOX
MXAX-KRAS-000000	Shower Riser	300

Hand Shower Hinged Parts - Linda Series



MATTE / POLISHED
Linda Hand Shower Hinged Part

WHITE
Linda Hand Shower Hinged Part

CODE	DESCRIPTION	PCS/BOX
MXAM-SIMF-000001	Linda Hand Shower Hinged Part	500

CODE	DESCRIPTION	PCS/BOX
MXAM-BEMF-000001	Linda Hand Shower Hinged Part	500



GOLD
Linda Hand Shower Hinged Part

CHROME
Linda Hand Shower Hinged Part

CODE	DESCRIPTION	PCS/BOX
MXAM-GOMF-000001	Linda Hand Shower Hinged Part	500

CODE	DESCRIPTION	PCS/BOX
MXAM-KRMF-000001	Linda Hand Shower Hinged Part	500

Shower Spare Parts - Soap Holder

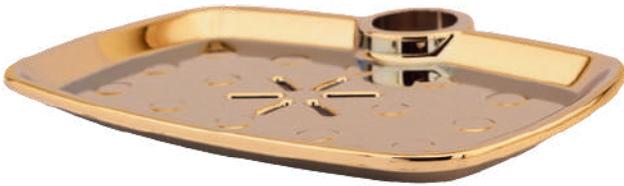


MATTE / POLISHED Shower Soap Holder

CODE	DESCRIPTION	PCS/BOX
MXAS-SISB-000001	Shower Soap Holder	250

WHITE Shower Soap Holder

CODE	DESCRIPTION	PCS/BOX
MXAS-BESB-000001	Shower Soap Holder	250



GOLD Shower Soap Holder

CODE	DESCRIPTION	PCS/BOX
MXAS-GOSB-000001	Shower Soap Holder	250

CHROME Shower Soap Holder

CODE	DESCRIPTION	PCS/BOX
MXAS-KRSB-000001	Shower Soap Holder	250

Shower Spare Parts - Deep Soap Holder



MAT Deep Shower Soap Holder

CODE	DESCRIPTION	PCS/BOX
MDAX-MSSB-000001	Deep Shower Soap Holder	250

WHITE Deep Shower Soap Holder

CODE	DESCRIPTION	PCS/BOX
MDAX-BESB-000001	Deep Shower Soap Holder	250





REPUBLIC OF TURKEY MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Within the scope of the Zero Waste Regulation, published in the Official Gazette dated July 12, 2019, and numbered 30829, by the Istanbul Governorship Provincial Directorate of Environment, Urbanization and Climate Change, a Zero Waste Management System has been established at our institution. As a result, our institution has been entitled to receive the Zero Waste Certificate. Accordingly, the Zero Waste Certificate was issued to us on 27.08.2025 with the certificate number TS/59/C/20/183.”



TÜRKİYE CUMHURİYETİ
ÇEVRE, ŞEHİRCİLİK VE
İKLİM DEĞİŞİKLİĞİ BAKANLIĞI



REPUBLIC OF TURKEY MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

ZERO WASTE CERTIFICATE

(Basic Level)

Certificate No: TS/59/C/20/183

Date: 27.08.2025

Name: BİA METAL SU ARMATÜRLERİ PAZARLAMA SANAYİ VE TİCARET LİMİTED ŞİRKETİ
Address: VELİKÖY-YALIBOYU OSB Mahallesi, 85. CADDE, No: 8 - , ÇERKEZKÖY, TEKİRDAĞ, Türkiye
Tax No: 3961447707
Type: Facility/Campus

In accordance with the Zero Waste Regulation, published in the Official Gazette dated 12/07/2019 and numbered 30829, a Zero Waste Management System has been established, entitling the institution to

Yalçın KARACA

Acting Provincial Director of Environment, Urbanization and Climate Change

Certificate Expiry Date:
27.08.2030



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