

Gitikala 

SGP Sales Network

SGP Product Catalog / 2026

 **SGP** The Largest Producer of Building
Installation & Construction Products



Introduction

SGP: The Largest Producer of Building Installation & Construction Products

Giti Pasand Industrial Group, the largest production complex in the building installation industry in the Middle East, was established in 1998 with the founding of polymer, mechanical, and electrical research centers and the creation of production units in Isfahan. The group was founded with two main goals: fostering entrepreneurship and producing high-quality products, both achieved through the establishment of 25 specialized production and service units in polymer, construction (water and sewage), metallurgy, and agriculture. Today, approximately 3,500 employees work directly with the complex.

About GitiKala

Giti Kala Iranian Company was established in 2020 as the global sales network for the products of Giti Pasand Industrial Group (**SGP**). Currently, the company manages the distribution of water and wastewater systems, heating equipment, and essential building materials.

As part of its commitment to corporate social responsibility and to enhance customer and end-user satisfaction, Giti Kala Iranian provides product quality assurance for the following brands:

- **NewPipe, NewFlex, Azin Pipe, and Azin⁺ pipes and fittings - backed by a 30 - year warranty**
- **Dina Polymer and MultiPipe pipes and fittings**
- **SGP installation valves**
- **Sepehr Foam thermal insulation**
- **SGP Radiators, etc.**

All products, unless otherwise noted, are covered by a 10-year warranty.

NEW PIPE

AZIN PIPE

AZIN⁺

NEW FLEX

SGP

BATIS

SEPEHR FOAM

Hamgam

DINA POLYMER

MULTIPIPE

Mission & Vision

Our Mission

To become the leading provider of high-quality pipes, fittings, and installation products in the global market, and to be the trusted partner in the industry by delivering innovative solutions that meet the diverse needs of our clients, while ensuring environmental sustainability and promoting efficient infrastructure development.

Our Vision

To become the leading manufacturer and exporter of pipes, fittings, and installation products, recognized as the preferred choice of architects, engineers, contractors, and end-users worldwide. We aim to improve lives and communities by building long-term, reliable partnerships with our customers, offering superior pipe and fitting solutions, and continuously enhancing our products, processes, and services.



Our Values

Quality

We deliver products that meet or exceed international standards, ensuring that our customers receive the highest quality, best performance, and durable solutions they can trust. We are committed to continuous improvement in our products, processes, and services.

Innovation

To remain a market leader, we are committed to providing innovative solutions to our clients' challenges by continuously investing in research and development and fostering a culture of creativity. Our goal is to deliver cutting-edge products that address emerging industry needs and create lasting value.

Customer-Centricity

Our customers' long-term satisfaction is at the core of everything we do. We strive to understand their unique needs and provide tailored solutions, timely support, and exceptional services that not only meet but surpass their expectations-ensuring their success and lasting trust in our brand.

Sustainability

We are committed to sustainable manufacturing and operating in an environmentally responsible way. By practicing responsible sourcing, using energy-efficient processes, and focusing on eco-friendly product design, we minimize our environmental impact. We prioritize sustainability in every stage of our operations and actively seek ways to create a positive contribution to the communities in which we operate.

Integrity

We are committed to upholding the highest standards of integrity and ethical conduct in all our business dealings. We conduct our work with honesty, transparency, and respect in our relationships with employees, partners, and stakeholders - values that we will never compromise under any circumstances.

Collaboration

We believe in building strong partnerships with our suppliers, distributors, and customers. Through close collaboration, we foster relationships that drive mutual growth, shared success, and long-term value.

Transcendence

We foster a culture of continuous improvement, encouraging our employees to pursue excellence in their work. Our commitment to operational excellence across all aspects of our business - from production and logistics to customer service and innovation - is the core principle that enables us to consistently exceed expectations.



The Largest Producer of Building Installation & Construction Products

Sales

Gitikala | SGP Sales Network

Brands & Products

- 1 ● **NEW PIPE**
 - PEX-AL- PEX Pipes
 - PERT-AL- PERT Pipes
- 2 ● **NPA**
 - Coupling, Press, Clamp, & Threaded Lead Free Brass Fittings
- 3 ● **AZIN PIPE (ALS)**
 - Polypropylene Single-Layer PP-R Pipes & Fittings
 - Polypropylene Single-Layer PP-RCT Pipes & Fittings
- 4 ● **AZIN+**
 - Polypropylene Composite Pipes PP-RCT / PP-RCT+ GF / PP-RCT
- 5 ● **SGP**
 - Various Installation Valves
 - Polymer Installation Accessories
 - Piping System Tools
 - Steel Panel Radiators & Aluminum Towel Radiators
- 6 ● **NEW FLEX**
 - Polypropylene Sewage Push - Fit Pipes & Fittings
 - Three - Layer Silent Push - Fit Pipes & Fittings
- 7 ● **MULTIPIPE**
 - PVC- U Sewage Pipes & Fittings
 - PVC-U Non-Sewage Vent Pipes
 - PVC-U Electrical Conduits
- 8 ● **DINA POLYMER**
 - Single - Layer HDPE Water Supply & Sewage Pipes
 - Irrigation PE (Dripper & Non - Dripper) Pipes & Fittings
- 9 ● **SEPEHR FOAM**
 - Extruded Polyethylene (EPE) Foams
 - Cross-Linked Polyethylene (XPE) Foams
 - Flame Retardant Anti - UV Foams
- 10 ● **Hamgam**
 - Wall Hang Combi Boilers
- 11 ● **BATIS**
 - Gypsum Boards (MR & RG)
 - Integrated Ceiling Profiles
 - Ceiling Tiles

Sports Club

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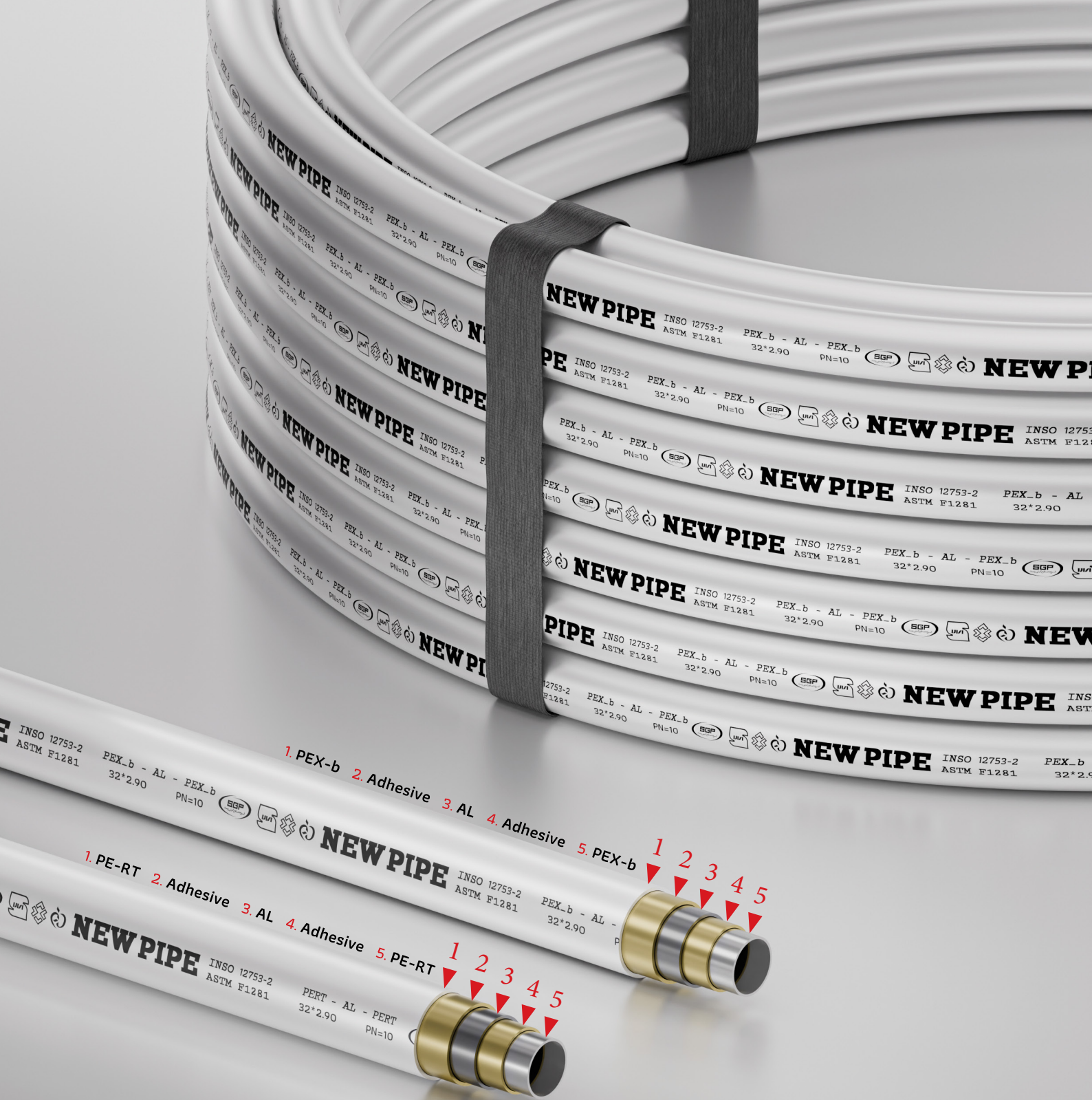


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SGP Credibility with Giti Kala Guarantee



NEW PIPE

Multilayer Pipes PEX - b/AL/PEX - b , PE-RT/ AL/PE-RT

Factory Name	Ati Looleh Sepahan		
Background	Since 1999		
Brand	NEW PIPE	NEW PIPE	نیوپایپ
Products	Pex Pipes (16-63 mm), Pert Pipes (16-32 mm)		
Application	Heating & Cooling Systems		
Production Lines No	41		
Annual Production Capacity	150/000/000 meters		
Warranty	30 Years		

Product Details

■ Technical Specifications

Size (mm)	16	20	25	32	40	50	63
Dimensions (inner & outer)	12-16	16-20	20-25	26-32	32-40	41-50	51-63
Weight per meter (g/m)	105	145	200	310	490	730	1220
Pipe water load (L/m)	0.113	0.201	0.314	0.498	0.804	1.320	2.042
Min. pipe thickness	1.65	1.90	2.25	2.90	3.40	4.00	4.60
Roughness Index (mm/m)				0.007			
Thermal conductivity coefficient (W/m.K)				0.40			
Linear expansion coefficient (m/mK)				25×10^{-6}			
Operating temperature (long time)				80°C			
Operating temperature (short time)				100°C			
Minimum operating temperature				*-40°C			
Pressure tolerance in 50 years (constantly) (bar)				10			
Class				5			

* For liquids that do not freeze at this temperature

■ Advantages

- Production in accordance with international standards of TSE K41, ASTM F1281, ASTM F1282 and ISO 21003-2
- Heat toleration up to 90°C
- Low coefficient of linear expansion (as metals)
- Resistant to chemicals (acids, bases,...)
- No oxygen penetration into the pipes and thereby, destruction prevention in central heating systems
- Excellent pressure resistance due to the aluminum layer and the continuous ultrasonic welding
- Insignificant pressure drop due to the very low roughness coefficient (inside the pipe)
- No sediments, decays, rusts and water color & smell changes
- Good flexibility
- Easy & fast installation

■ Usages

- Sanitary hot and cold water piping systems
- Cooling, heating and air conditioning systems
- Underfloor heating systems
- Water transfer in risers
- Sanitary industries, medical and industrial installations



Pipes

PEX-AL-PEX
Pipes



Code	Size (mm)	Packing
813121016	16	200 m - Pipe Coil
813121020	20	150 m - Pipe Coil
813121025	25	100 m - Pipe Coil
813121032	32	60 m - Pipe Coil
813121040	40	5.25 m - Pipe Length
813121041	40	50 m - Pipe Coil
813121050	50	5.25 m - Pipe Length
813121063	63	5.25 m - Pipe Length

Pipes

PERT-AL-PERT Pipes



Code	Size (mm)	Packing
813141016	16	200 m - Pipe Coil
813141020	20	150 m - Pipe Coil
813141025	25	100 m - Pipe Coil
813141032	32	60 m - Pipe Coil







NPA

Brass Fittings





Factory Name	Esfahan Chalak			
Background	Since 2002			
Brands	SGP, NPA, ALS	SGP	NPA	
Products	Coupling (16-32 mm), Press (16-63 mm), Clamp (40-63 mm), & Threaded (1/2"-2") Lead Free Brass Fittings and also various Installation Valves (16_ 32 mm)			
PN	10 Bar			
Variety of Products	500			
Annual Production Capacity	5500 Tons (35/000/000 pieces)			
Warranty	10 Years			

Product Details

Types of brass fittings

Threaded fittings	Clamp fittings	Press Fittings	Coupling fittings
			

Types of lead-free brass fittings

Threaded fittings	Clamp fittings	Press fittings	Coupling fittings
			

Fitting Features

- Working pressure: 10 bar
- Suitable for all application classes of multilayer (five-layer) pipes
- Made of brass alloy with full nickel plating
- Compliant with ASTM F1974, EN1254-3, and ISO 21003-3,5 Standards
- Lead-free brass fittings are uncoated (without electroplating)



Coupling
Union



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855181102	16 x 16	16	64
855181104	20 x 20	10	40
855181106	25 x 25	8	32
855181108	32 x 32	6	24

Coupling
Reducer
Union



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855181122	16 x 20	12	48
855181124	16 x 25	10	40
855181126	20 x 25	8	32
855181132	25 x 32	6	24

Coupling
Elbow 90°



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855181302	16 x 16	12	48
855181304	20 x 20	10	40
855181306	25 x 25	6	24
855181308	32 x 32	4	16

Coupling
Tee



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855181502	16 x 16 x 16	8	32
855181504	20 x 20 x 20	6	24
855181506	25 x 25 x 25	4	16
855181508	32 x 32 x 32	4	16

Coupling
Reducer Tee



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855181522	16 x 20 x 16	8	32
855181530	16 x 16 x 20	8	32
855181534	20 x 16 x 20	8	32
855181536	16 x 20 x 20	8	32
855181552	20 x 16 x 25	5	20
855181554	25 x 16 x 25	4	16
855181556	20 x 20 x 25	4	16
855181558	25 x 20 x 25	4	16
855181572	32 x 16 x 32	4	16
855181580	32 x 20 x 32	4	16
855181586	25 x 25 x 32	4	16

Coupling
MT Union



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211102	1/2" x 16	20	80
855211110	1/2" x 20	16	64
855211112	3/4" x 20	15	60
855211122	1/2" x 25	15	60
855211124	3/4" x 25	10	40
855211126	1" x 25	8	32
855211136	1" x 32	6	24

Coupling
FT Union



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211202	1/2" x 16	20	80
855211210	1/2" x 20	15	60
855211212	3/4" x 20	12	48
855211224	3/4" x 25	10	40
855211236	1" x 32	6	24

Coupling
MT Elbow 90°



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211302	1/2" x 16	16	64
855211310	1/2" x 20	12	48
855211312	3/4" x 20	8	32
855211324	3/4" x 25	8	32
855211326	1" x 25	6	24
855211336	1" x 32	4	16

Coupling
MT Elbow 90°
with
Adjustable Nut



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211356	1" x 25	6	24
855211366	1" x 32	4	16

Coupling
FT Elbow



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211402	1/2" x 16	12	48
855211410	1/2" x 20	10	40
855211412	3/4" x 20	8	32
855211424	3/4" x 25	8	32
855211426	1" x 25	6	24
855211434	3/4" x 32	6	24
855211436	1" x 32	4	16

Coupling
MT Tee



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211552	1/2" x 16 x 16	8	32

Coupling
FT Tee



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211602	16 x 1/2" x 16	12	48
855211610	20 x 1/2" x 20	8	32
855211622	25 x 3/4" x 25	6	24
855211634	32 x 1" x 32	4	16

Coupling FT
Connection



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855211702	1/2" x 16	20	80
855211710	1/2" x 20	20	80
855211712	3/4" x 20	20	80
855211724	3/4" x 25	14	56
855211726	1" x 25	10	40
855211736	1" x 32	8	32

Coupling FT
Elbow
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855212402	1/2" x 16	12	48
855212410	1/2" x 20	10	40
855212424	3/4" x 25	6	24
855212436	1" x 32	4	16

Coupling
FT Tee
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855212602	16 x 1/2" x 16	8	32
855212610	20 x 1/2" x 20	6	24

Coupling
FT Tee 90°
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855212642	16 x 1/2" x 16	8	32
855212650	20 x 1/2" x 20	6	24

Coupling
FT Reducer
Tee 90°
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855212662	16 x 1/2" x 20	6	24
855212670	20 x 1/2" x 16	6	24

Equal Coupling
FT Tee
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855212682	16 x 1/2" x 16	6	24

Coupling
MT Elbow
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855213304	3/4" x 16	10	40

Coupling
FT Elbow
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855213402	1/2" x 16	8	32
855213410	1/2" x 20	8	32

Coupling
FT Tee
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855213602	16 x 1/2" x 16	6	24
855213610	20 x 1/2" x 20	6	24

Press
Union



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855141102	16 x 16	20	80
855141104	20 x 20	14	56
855141106	25 x 25	8	32
855141108	32 x 32	6	24
855141110	40 x 40	3	12
855141112	50 x 50	2	8
855141114	63 x 63	1	5

Press
Reducer
Union



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855141122	20 x 16	14	56
855141124	25 x 16	10	40
855141126	25 x 20	10	40
855141130	32 x 20	8	32
855141132	32 x 25	6	24
855141138	40 x 25	3	12
855141140	40 x 32	3	12
855141148	50 x 32	2	8
855141150	50 x 40	2	8
855141160	63 x 40	1	5
855141162	63 x 50	1	5

Press
Elbow 90°



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855141302	16 x 16	14	56
855141304	20 x 20	10	40
855141306	25 x 25	6	24
855141308	32 x 32	4	16
855141310	40 x 40	1	6
855141312	50 x 50	1	4
855141314	63 x 63	1	2

Press
Tee



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855141502	16 x 16 x 16	10	40
855141504	20 x 20 x 20	6	24
855141506	25 x 25 x 25	4	16
855141508	32 x 32 x 32	4	16
855141510	40 x 40 x 40	1	6
855141512	50 x 50 x 50	1	4
855141514	63 x 63 x 63	1	2

Press
Reducer Tee



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855141522	16 x 20 x 16	6	24
855141530	20 x 16 x 16	8	32
855141534	20 x 16 x 20	8	32
855141536	20 x 20 x 16	8	32
855141550	25 x 16 x 16	6	24
855141552	25 x 16 x 20	6	24
855141554	25 x 16 x 25	6	24
855141556	25 x 20 x 20	6	24
855141558	25 x 20 x 25	4	16
855141570	32 x 16 x 25	4	16
855141572	32 x 16 x 32	4	16
855141578	32 x 20 x 25	4	16
855141580	32 x 20 x 32	4	16
855141584	32 x 25 x 20	4	16
855141586	32 x 25 x 25	4	16
855141588	32 x 25 x 32	4	16
855141610	40 x 20 x 40	1	6
855141614	40 x 25 x 40	1	6
855141618	40 x 32 x 32	1	6
855141620	40 x 32 x 40	1	6
855141640	50 x 25 x 50	1	4
855141650	50 x 32 x 50	1	4
855141660	50 x 40 x 50	1	4
855141670	63 x 25 x 63	1	2
855141680	63 x 32 x 63	1	2

Press
End Cap



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855141902	16	25	100
855141904	20	10	40
855141906	25	10	40
855141908	32	8	32
855141910	40	6	24
855141912	50	4	16
855141914	63	2	16

Press MT
Union



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161102	16 x 1/2"	15	60
855161110	20 x 1/2"	15	60
855161112	20 x 3/4"	12	48
855161122	25 x 1/2"	10	40
855161124	25 x 3/4"	10	40
855161126	25 x 1"	8	32
855161136	32 x 1"	6	24
855161138	32 x 1 1/4"	4	16
855161148	40 x 1 1/4"	3	12
855161158	50 x 1 1/2"	2	8
855161168	63 x 2"	1	5

Press FT
Union



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161202	16 x 1/2"	18	72
855161210	20 x 1/2"	15	60
855141212	20 x 3/4"	12	48
855141224	25 x 3/4"	10	40
855141226	25 x 1"	6	24
855141236	32 x 1"	6	24
855141238	32 x 1 1/4"	4	16
855141250	40 x 1 1/2"	3	12
855141258	50 x 1 1/2"	2	8
855141268	63 x 2"	1	5

Press MT
Elbow 90°



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161302	16 x 1/2"	15	60
855161310	20 x 1/2"	-	-
855161312	20 x 3/4"	10	40
855161324	25 x 3/4"	8	32
855161326	25 x 1"	6	24
855161336	32 x 1"	4	16
855161348	40 x 1 1/4"	-	-

Press MT
Elbow 90°
with Adaptor
Bolt



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161356	25 x 1"	6	24
855161366	32 x 1"	6	24

Press FT
Elbow



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161402	16 x 1/2 "	14	56
855161410	20 x 1/2 "	12	48
855161412	20 x 3/4 "	10	40
855161424	25 x 3/4 "	8	32
855161426	25 x 1 "	6	24
855161434	32 x 3/4 "	6	24
855161436	32 x 1 "	4	16
855141150	40 x 1 1/2"	1	6
855161458	50 x 1 1/2 "	1	4

Press FT
Tee



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161602	16 x 1/2" x 16	8	32
855161610	20 x 1/2" x 20	6	24
855161620	25 x 1/2" x 25	4	16
855161622	25 x 3/4" x 25	4	16
855161632	32 x 3/4" x 32	4	16
855161642	40 x 3/4" x 40	1	6
855161656	50 x 1" x 50	1	4

Press MT
Tee



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161552	16 x 16 x 1/2"	8	32

Press FT
Connection



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161702	16 x 1/2"	20	80
855161710	20 x 1/2"	16	64
855161712	20 x 3/4"	12	48
855161724	25 x 3/4"	12	48
855161726	25 x 1"	8	32
855161736	32 x 1"	6	24
855161748	40 x 1 1/4"	6	24
855141760	50 x 1 1/2"	2	8
855161768	63 x 2"	1	5

Press FT
Union



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855161772	16 x 1/2"	12	48
855161774	20 x 1/2"	12	48
855161778	25 x 3/4"	8	32
855161786	32 x 1"	4	16
855161788	40 x 1 1/4"	3	12
855161790	50 x 1 1/2"	2	8

Press FT
Elbow
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855162402	16 x 1/2"	12	48
855162410	20 x 1/2"	12	48
855162424	25 x 3/4"	8	32
855162436	32 x 1"	4	16

Press FT
Tee
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855162602	16 x 1/2" x 16	8	32
855162610	20 x 1/2" x 20	8	32

Press FT
Tee 90°
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855162642	16 x 1/2" x 16	8	32
855162650	20 x 1/2" x 20	6	24

Press FT
Reducer
Tee 90°
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855162662	16 x 1/2" x 20	6	24
855162670	20 x 1/2" x 16	6	24

Equal Press
FT Tee
(Wall Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855162682	16 x 1/2" x 16	6	24

Press MT
Elbow
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855163304	16 x 3/4"	6	24
855163312	20 x 3/4"	6	24

Press FT
Elbow
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855163402	16 x 1/2"	8	32
855163410	20 x 1/2"	8	32

Press FT
Tee
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855163602	16 x 1/2" x 16	6	24
855163610	20 x 1/2" x 20	4	16

Press FT
Tee 90°
(Plate Type)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855163642	16 x 1/2" x 16	4	16
855163650	20 x 1/2" x 20	4	16

Socket
(Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855221110	40 x 40	3	12
855221112	50 x 50	2	8
855221114	63 x 63	1	5

Reducer
Socket
(Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855221150	50 x 40	2	8
855221160	63 x 40	1	5
855221162	63 x 50	1	5

Elbow 90°
(Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855221310	40 x 40	1	6
855221312	50 x 50	1	4
855221314	63 x 63	1	2

Tee (Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855221510	40 x 40 x 40	1	6
855221512	50 x 50 x 50	1	4
855221514	63 x 63 x 63	1	2

Reducing Tee
(Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855221660	50 x 40 x 50	1	4

Cap (Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855221910	40	6	24
855221912	50	4	16
855221914	63	2	10

MT Socket
(Clamp)



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855241148	40 x 1 1/4"	3	12
855241158	50 x 1 1/2"	2	8
855241168	63 x 2"	1	5

FT Socket
(Clamp)



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855241250	40 x 1 1/2"	3	12
855241258	50 x 1 1/2"	2	8
855241268	63 x 2"	1	5

Reducing
FT Elbow
(Clamp)



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855241450	40 x 1 1/2"	1	6
855241458	50 x 1 1/2"	1	4

FT Tee
(Clamp)



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855241642	40 x 3/4" x 40	1	6
855241656	50 x 1" x 50	1	4

Connector
(Clamp)



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855241748	40 x 1 1/4"	4	16
855241760	50 x 1 1/2"	2	8
855241768	63 x 2"	1	5

FT Connector
(Clamp)



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855241788	40 x 1 1/4"	3	12
855241790	50 x 1 1/2"	2	8

Coupling
Reducing
Socket
(Clamp)



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855261138	40 x 25	3	12
855261140	40 x 32	3	12
855261150	50 x 32	2	8

MT Nipple



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121102	1/2"	25	100
855121104	3/4"	16	64
855121106	1"	12	48
855121108	1 1/4"	8	32
855121110	1 1/2"	5	20
855121112	2"	2	8

MT Reducer Connector



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121142	1/2" x 3/4"	15	60
855121144	1" x 3/4"	12	48
855121148	1 1/4" x 1"	-	-

MT-FT Connector



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121160	1/2"	20	80
855121162	3/4"	15	60
855121164	1"	10	40
855121166	1 1/4"	8	32

Long MT Nipple



Code	Size (in)	Length (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121132	1/2"	50	15	60

MT-FT Connector



Code	Size (in)	Length (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121180	1/2"	10	25	100
855121182	1/2"	15	30	120
855121186	1/2"	25	20	80
855121188	1/2"	30	20	80
855121190	1/2"	40	15	60
855121192	1/2"	50	15	60

MT-FT Reducer



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121202	1/2" MT x 3/4" FT	15	60
855121224	1" FT x 3/4" MT	10	40
855121236	1 1/4" FT x 1" MT	8	32

FT-MT Reducer



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121222	1/2" FT x 3/4" MT	20	80
855121232	1" MT x 1/2" FT	15	60
855121235	1" MT x 3/4" FT	15	60
855121244	1 1/4" MT x 1" FT	12	48
855121242	3/4" FT x 1 1/4" MT	12	48
855121254	1 1/2" MT x 1" FT	8	32
855121256	1 1/4" FT x 1 1/2" MT	6	24
855121264	2" MT x 1 1/4" FT	4	16
855121266	1 1/2" FT x 2" MT	4	16

FT-MT Reducer



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121234	1" MT x 3/4" FT	12	48

MT-FT Elbow



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121402	1/2"	15	60
855121404	3/4"	10	40
855121406	1"	6	24

MT - FT Reducer Elbow



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121432	1/2" FT x 1" MT	10	40

MT - FT Reducer Elbow (with Adaptor Bolt)



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121442	1/2" FT x 1" MT	8	32

FT Tee



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121502	1/2"	8	32

MT- FT
Tee



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121542	1/2" FT x 1" MT x 1/2" FT	10	40

MT- FT
Connection



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121702	3/4" x 3/4"	15	60
855121706	1" x 1"	8	32

MT End Cap



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121904	3/4"	25	100
855121906	1"	18	72
855121908	1 1/4"	12	48
855121910	1 1/2"	10	40
855121912	2"	6	24

MT Reducer
End Cap



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121936	1/2" FT x 1 1/4" MT	10	40
855121938	1/2" FT x 1 1/2" MT	10	40

End Cap
(Bleed Use)



Code	Size (mm- in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855121964	M 10 FT x 1" MT	18	72
855121966	M 10 FT x 1 1/4" MT	12	48
855121968	M 10 FT x 1 1/2" MT	10	40

Manual Bleed
Screw



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855466725	M 10	20	160

Manifold



Code	Size (in)	Packing (Pcs in pack)
855311112	(2b)(3/4" x 1/2")	5
855311113	(3b)(3/4" x 1/2")	5
855311114	(4b)(3/4" x 1/2")	5
855311115	(5b)(3/4" x 1/2")	5
(New) 855311116	(6b)(3/4" x 1/2")	5
855311132	(2b)(1" x 1/2")	5
855311133	(3b)(1" x 1/2")	5
855311134	(4b)(1" x 1/2")	5
855311135	(5b)(1" x 1/2")	5
855311136	(6b)(1" x 1/2")	5
855311137	(7b)(1" x 1/2")	5
855311138	(8b)(1" x 1/2")	5
855311139	(9b)(1" x 1/2")	5
855311140	(10b)(1" x 1/2")	5
855311141	(11b)(1" x 1/2")	5
855311142	(12b)(1" x 1/2")	5
855311153	(3b)(1" x 3/4")	5
855311154	(4b)(1" x 3/4")	5
855311155	(5b)(1" x 3/4")	5
855311156	(6b)(1" x 3/4")	5
855311233	(3b)(1 1/4" x 1/2")	5
855311234	(4b)(1 1/4" x 1/2")	4
855311235	(5b)(1 1/4" x 1/2")	4
855311236	(6b)(1 1/4" x 1/2")	4
855311237	(7b)(1 1/4" x 1/2")	4
855311238	(8b)(1 1/4" x 1/2")	4
855311239	(9b)(1 1/4" x 1/2")	4
855311240	(10b)(1 1/4" x 1/2")	4
855311241	(11b)(1 1/4" x 1/2")	4
855311242	(12b)(1 1/4" x 1/2")	4
855311152	(2b)(1 1/4" x 3/4")	4
(New) 855311253	(3b)(1 1/4" x 3/4")	4
855311254	(4b)(1 1/4" x 3/4")	4
855311255	(5b)(1 1/4" x 3/4")	4
855311256	(6b)(1 1/4" x 3/4")	4
(New) 855311257	(7b)(1 1/4" x 3/4")	4
855311333	(3b)(1 1/2" x 1/2")	4
855311334	(4b)(1 1/2" x 1/2")	4
855311335	(5b)(1 1/2" x 1/2")	4
855311336	(6b)(1 1/2" x 1/2")	4
855311337	(7b)(1 1/2" x 1/2")	4
855311338	(8b)(1 1/2" x 1/2")	4
855311339	(9b)(1 1/2" x 1/2")	4
855311340	(10b)(1 1/2" x 1/2")	4
855311341	(11b)(1 1/2" x 1/2")	4
855311342	(12b)(1 1/2" x 1/2")	4
855311353	(3b)(1 1/2" x 3/4")	4
855311354	(4b)(1 1/2" x 3/4")	4
855311355	(5b)(1 1/2" x 3/4")	4
855311356	(6b)(1 1/2" x 3/4")	4
855311357	(7b)(1 1/2" x 3/4")	4
855311358	(8b)(1 1/2" x 3/4")	4
855311359	(9b)(1 1/2" x 3/4")	4
855311953	(3b)(2" x 3/4")	3
855311954	(4b)(2" x 3/4")	3
855311955	(5b)(2" x 3/4")	3
(New) 855311956	(6b)(2" x 3/4")	3
(New) 855311957	(7b)(2" x 3/4")	3

Manifold With
Flow Control
Coupling Valve



Code	Size (mm-in)	Packing (Pcs in pack)
855312202	(2b)(1" x 16)	4
855312203	(3b)(1" x 16)	4
855312204	(4b)(1" x 16)	2
855312205	(5b)(1" x 16)	2
855312206	(6b)(1" x 16)	2
855312207	(7b)(1" x 16)	2
855312208	(8b)(1" x 16)	2
855312209	(9b)(1" x 16)	2
855312210	(10b)(1" x 16)	2

Manifold With
Flow Control
MT Valve



Code	Size (in)	Packing (Pcs in pack)
855312252	(2b)(1" x 1/2")	4
855312253	(3b)(1" x 1/2")	4
855312254	(4b)(1" x 1/2")	2
855312255	(5b)(1" x 1/2")	2
855312256	(6b)(1" x 1/2")	2
855312257	(7b)(1" x 1/2")	2
855312258	(8b)(1" x 1/2")	2
855312259	(9b)(1" x 1/2")	2
855312260	(10b)(1" x 1/2")	2

Coupling Inlet /
Outlet Heating
Manifold With
Flow Meter



Code	Size (mm- in)	Packing
855312303	(3b)(1" x 16)	1 Set
855312304	(4b)(1" x 16)	1 Set
855312305	(5b)(1" x 16)	1 Set
855312306	(6b)(1" x 16)	1 Set
855312307	(7b)(1" x 16)	1 Set
855312308	(8b)(1" x 16)	1 Set

Press Inlet/
Outlet Heating
Manifold With
Flow Meter



Code	Size (mm- in)	Packing
855312353	(3b)(1" x 16)	1 Set
855312354	(4b)(1" x 16)	1 Set
855312355	(5b)(1" x 16)	1 Set
855312356	(6b)(1" x 16)	1 Set
855312357	(7b)(1" x 16)	1 Set
855312358	(8b)(1" x 16)	1 Set

Press Inlet/
Outlet
Thermostatic
Manifold With
Flow Meter



Code	Size (mm- in)	Packing
855312403	(3b)(1" x 16)	1 Set
855312404	(4b)(1" x 16)	1 Set
855312405	(5b)(1" x 16)	1 Set
855312406	(6b)(1" x 16)	1 Set
855312407	(7b)(1" x 16)	1 Set
855312408	(8b)(1" x 16)	1 Set

Coupling
Inlet / Outlet
Thermostatic
Manifold With
Flow Meter



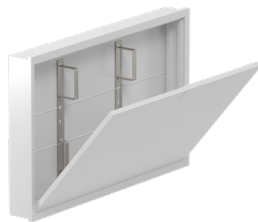
Code	Size (mm- in)	Packing
855312453	(3b)(1" x 16)	1 Set
855312454	(4b)(1" x 16)	1 Set
855312455	(5b)(1" x 16)	1 Set
855312456	(6b)(1" x 16)	1 Set
855312457	(7b)(1" x 16)	1 Set
855312458	(8b)(1" x 16)	1 Set

Manifold
Polymer Box
(with stand and
bracket)



Code	Size (cm)	Packing (Pcs in carton)
855322035	45 x 35	1
855322045	45 x 45	1
855322065	45 x 65	1
855322075	45 x 75	1
855322095	45 x 95	1

Manifold Metal
Box (with stand
and bracket)



Code	Size (cm)	Packing (Pcs in carton)	Description
807323035	45 x 35	1	
807323045	45 x 45	1	
807323055	45 x 55	1	
807323065	45 x 65	1	
807323075	45 x 75	1	
807323085	45 x 85	1	
807323095	45 x 95	1	
807323125	45 x 125	1	
855322101	50 x 65	1	For Underfloor Heating
855322104	50 x 80	1	For Underfloor Heating

Manifold Clip



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
807241501	3/4"	60	240
807241513	1"	50	200
807241504	1 1/4 "	30	120
807241507	1 1/2 "	30	120

Manifold
Bracket



Code	Size (in)	Packing (Pcs in pack)
807311150	1 1/4" & 1" & 3/4"	15

Chrome-plated
Manifold
Bracket



Code	Size (in)	Packing (Pcs in pack)
807311152	1"	-

Bracket (Single)



Code	Length (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
807311110	73	50	200

Bracket
(Double/
Curved)



Code	Length (mm)	Packing (Pcs in Box)
807311122	280	40

Bracket
(Double)



Code	Length (mm)	Packing (Pcs in Box)
807311113	153	25
807311116	280	20
807311119	500	15

Combi-Boiler
Bracket



Code	Length (mm)	Packing (Pcs in Box)
807311125	280	20

Manifold Valve
Core



Code	Specifications
855466555	-

Press Steel Ring



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855462101	16	100	800
855462105	20	80	640
855462109	25	30	240
855462113	32	24	192
855462117	40	10	80
855462121	50	6	48
855462125	63	2	16

Press Steel Ring Holder



Code	Size (mm)	Packing (Pcs in Box)
855462401	16	100
855462405	20	80
855462409	25	50
855462413	32	40
855462417	40	20
855462421	50	10
855462425	63	6

Coupling Ring



Code	Size (mm)	Packing (Pcs in Box)
855462301	16	100
855462305	20	80
855462309	25	50
855462313	32	40

Coupling Fitting Nut



Code	Size (mm)	Packing (Pcs in Box)
855462351	16	50
855462355	20	40
855462359	25	30
855462363	32	20

Clamp



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
855462451	40	8	32
855462455	50	6	24
855462459	63	2	8

O-Ring



Code	Size (mm)	Packing (Pcs in Box)
855462801	16	100
855462805	20	100
855462809	25	100
855462813	32	50
855462817	40	50
855462821	50	50
855462825	63	50

EPDM Gasket



Code	Size (in)	Packing (Pcs in Box)
855464156	1/2"	50
855464167	3/4"	50
855464178	1"	30
855464189	1 1/4"	20
855464200	1 1/2"	20
855464211	2"	10

Electric Valve Actuator



Code	Specification(s)
861661010	220 Vol

Touch Screen Room Thermostat - 220 V (Danfoss)

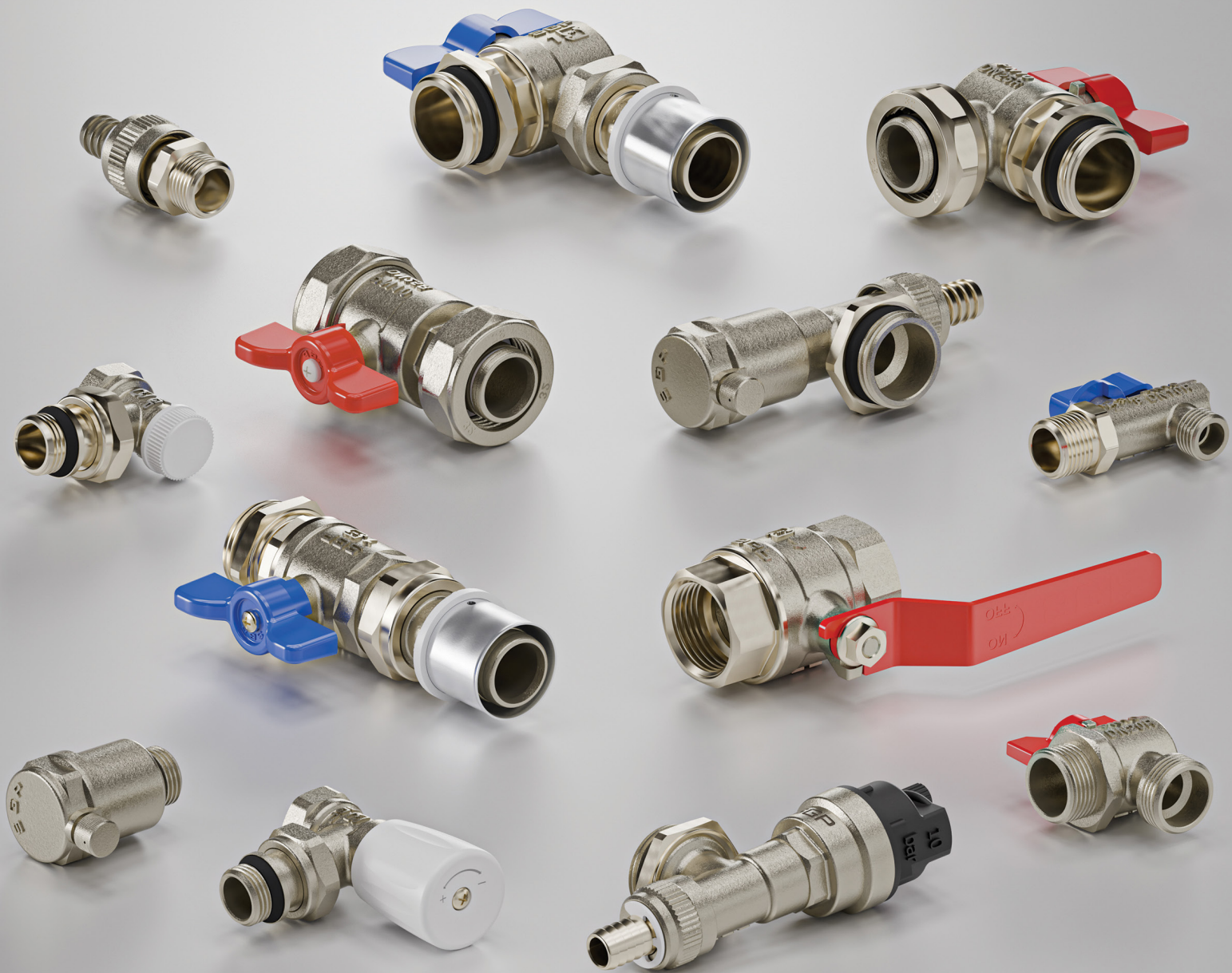


Code	Specifications
861662011	Danfoss Digital Single Season

SGP Touch Screen Room Thermostat



Code	Specifications
861662009	SGP Digital Single Season (White) - 220 V
861662010	SGP Digital Single Season (Black) - 220 V



SGP

Installation Valves

Isfahan Chalak Company, one of the subsidiaries of SGP, was established in 2002 and has been growing alongside cutting-edge and updated technology. In addition to producing PEX and PP-RCT pipe fittings and brass fittings, the company now offers a variety of building installation valves. These products are made from a special type of brass and lead-free brass alloys to enhance their mechanical and chemical properties. All products are manufactured in accordance with the standards of the International Association of Plumbing and Mechanical Officials (IAPMO).

Product Details

■ Water Supply Brass Ball Valves

Technical Specifications

- Working Pressure: 10 bar
- Test Pressure: 16 bar
- Production Standard: BS EN 13828
- Thread Standard: ISO 228 - 1- BS 21
- Operating Temperature: 5°C to 95°C



■ Heating and Cooling System Valves

Technical Specifications

- Working Pressure: 10 bar
- Test Pressure: 16 bar
- Production Standard: BS EN 13828
- Thread Standard: ISO 228 - 1- BS 21
- Operating Temperature: 5°C to 95°C



■ Radiator Valves

Technical Specifications

- Working Pressure: 10 bar
- Test Pressure: 16 bar
- Production Standard: BS 2767
- Thread Standard: ISO 228 - 1- BS 21
- Operating Temperature: 120°C



■ Automatic Bleed Valves

Technical Specifications

- Working Pressure: 10 bar
- Test Pressure: 16 bar
- Thread Standard: ISO 228 - 1- BS 21
- Operating Temperature: 120°C



Coupling MT Valve



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641102	16 x 1/2"	12	48
861641110	20 x 1/2"	10	40
861641112	20 x 3/4"	8	32
861641124	25 x 3/4"	8	32
861641126	25 x 1"	4	16
861641136	32 x 1"	4	16

Coupling MT Valve



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641156	25 x 1"	4	16
861641166	32 x 1"	4	16

Coupling MT Valve



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641170	16 x 1/2"	12	48

Coupling Valve



Code	Size (mm)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641182	16 x 16	12	48
861641184	20 x 20	10	40
861641186	25 x 25	8	32
861641188	32 x 32	4	16

MT Valve with Press Bolt



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641202	16 x 1/2"	10	40
861641210	20 x 1/2"	10	40
861641212	20 x 3/4"	6	24
861641224	25 x 3/4"	6	24
861641226	25 x 1"	2	8
861641336	32 x 1"	2	8

■ Valve handles are available in blue and red colors

Press MT
Union Valve
with Adaptor
Bolt



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641276	25 x 1"	2	8
861641286	32 x 1"	2	8

Coupling MT
Elbow Valve



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641312	20 x 3/4"	8	32
861641324	25 x 3/4"	6	24
861641326	25 x 1"	4	16
861641336	32 x 1"	4	16

MT Elbow
Valve with
Coupling
Adaptor Bolt



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641356	25 x 1"	4	16
861641366	32 x 1"	4	16

MT Elbow
Valve with
Press Bolt



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641412	20 x 3/4"	6	24
861641424	25 x 3/4"	4	16
861641426	25 x 1"	2	8
861641436	32 x 1"	2	8

MT Elbow
Valve with
Press Adaptor
Bolt



Code	Size (mm-in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641456	25 x 1"	2	8
861641466	32 x 1"	2	8

■ Valve handles are available in blue and red colors

MT - FT Valve



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641522	1/2"	12	48
861641524	3/4"	10	40
861641526	1"	4	16



FT Gas Handle Valve (High Water Flow)



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641602	1/2"	6	24
861641604	3/4"	4	16
861641606	1"	2	8



MT - FT Valve (High Water Flow)



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641622	1/2"	10	40
861641624	3/4"	4	16
861641626	1"	4	16



MT Valve (High Water Flow)



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641642	1/2"	10	40
861641644	3/4"	6	24
861641646	1"	4	16



MT Elbow Valve



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641704	3/4"	6	24
861641706	1"	4	16



■ Valve handles are available in blue and red colors

MT Reducer
Elbow Valve



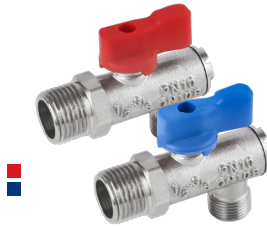
Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641722	1/2" x 3/4"	10	40

Angle Ball
Valve with
Filter
(Silver Handle)



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641704	1/2" x 3/8"	12	48
861641706	1/2" x 1/2"	12	48

Angle Ball
Valve with
Filter (Red &
Blue Handle)



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641752	1/2" x 3/8"	2	40
861641754	1/2" x 1/2"	2	40

Tap



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861681802	1/2"	4	16

Hose Elbow
Tap



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641902	1/2"	12	48

■ Valve handles are available in blue and red colors

Hose Tap



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641912	1/2"	16	64

Automatic Bleed Valve - Type 1



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641930	1/2"	1	40

Automatic Bleed Valve - Type 2



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641932	1/2"	1	24

Automatic Bleed Valve Set (with Purge Valve) - Type1



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641940	1"	3	12

Automatic Bleed Valve Set (with Purge Valve) - Type 2



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641942	1"	2	8

By-Pass Valve



Code	Size (in)	Packing (Pcs in Box)
861641960	1"	1

Radiator Valve Set



Code	Size (in)	Packing (Pcs in Box)
861641980	1/2"	10

Inlet Radiator Valve



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641982	1/2"	5	20

Outlet Radiator Valve



Code	Size (in)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
861641984	1/2"	10	40

Thermostatic Inlet Radiator Ball Valve



Code	Size (in)
861641992	1/2"

Electric Thermostatic Radiator Valve Actuator



Code	Description
855642125	Model TF9
855642129	Model TF6
855642133	Model TF34
855642137	Digital



AZIN PIPE

PP-R & PP-RCT Single - Layer Pipes and Fittings

Factory Name	Azin Looleh Sepahan - Mona polymer Espadana	
Background	Since 1998	
Brand	ALS	
Products	Polypropylene Single- Layer Pipes: PP-R (20-32mm); PP-RCT (20-125mm) & Fittings	
Application	Cold & Hot Sanitary Water	
Production Lines No	21	
Annual Production Capacity	120/000/000 meters (Pipes) & 200/000/000 pieces (Fittings)	
Variety of Products (Fittings)	150	
Warranty	30 Years	

Product Details

Technical Specifications (PP-R & PP-RCT Monolayer Pipes)

Pipe Size (mm)	PP-RCT Standard Thickness Range (mm)	PP-R Standard Thickness Range (mm)	Standard Outer Diameter Range (mm)	Pipe Length (m)
20	2.8 - 3.2	3.4 - 3.9	20 - 20.3	4
25	3.5 - 4	4.2 - 4.8	25 - 25.3	4
32	4.4 - 5	5.4 - 6.1	32 - 32.3	4
40	5.5 - 6.2	6.7 - 7.5	40 - 40.4	4
50	6.9 - 7.7	8.3 - 9.3	50 - 50.5	4
63	8.6 - 9.6	10.5 - 11.7	63 - 63.6	4
75	10.3 - 11.5	12.5 - 13.9	75 - 75.7	4
90	12.3 - 13.7	15 - 16.7	90 - 90.9	4
110	15.1 - 16.8	18.3 - 20.3	110 - 111	4
125	17.1 - 19	20.8 - 23	125 - 126.2	4

Features

International Standards	ISO 15874-2 - DIN 8077/8078
Pipe Structure	Monolayer Polypropylene
Raw Material	Polypropylene (PP) Random Copolymer with Modified Crystallization (PP-RCT)
Standard Production Series & Class	S2.5 SDR 6 S3.2 SDR 7.4
Pipe Color	White with Blue and Red Stripes
Category / PN	Class 1 / 10 bar

Advantages

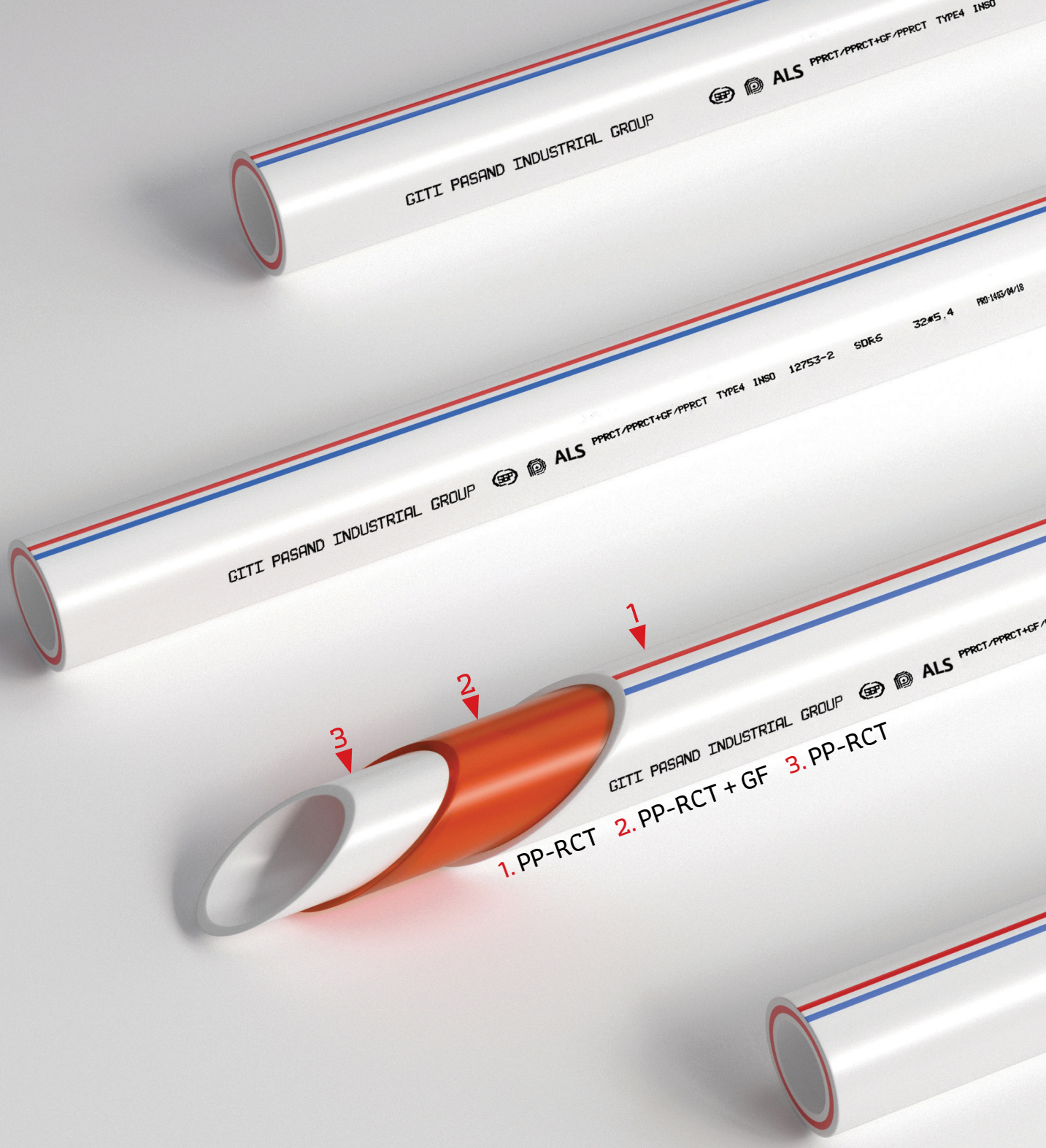
- Anti-sediment, anti-corrosion, and anti-rust
- Minimal pressure drop due to low internal surface roughness
- Quick and easy installation
- High chemical resistance (acids, alkalis, etc.)
- Resistant to physical impact and environmental degradation
- Red and blue markings for easy identification of hot and cold water
- Prevents microorganism growth



Applications


- Sanitary hot and cold water piping systems
- Mechanical riser systems in building installations
- Industrial Installations
- Drain piping systems for fan coil units





AZIN⁺

PP-RCT / PP-RCT+ GF / PP-RCT Composite Pipes

Factory Name	Azin Looleh Sepahan	
Background	Since 1998	
Brand	ALS	
Products	polypropylene Three - Layer Pipes: PP-RCT/ PP-RCT + GF/ PP-RCT	
Application	Heating and Cooling Installation Systems & Cold - Hot Sanitary Water	
Annual Production Capacity	20/000/000 meters (Pipes)	
Warranty	30 Years	

Product Details

3-layer PP-RCT Pipe Technical Specifications

Pipe Size (mm)	Standard Outer Diameter Range (mm)	Standard Thickness Range (mm)
20	20 - 20.3	3.4 - 3.9
25	25 - 25.3	4.2 - 4.9
32	32 - 32.3	5.4 - 6.1
40	40 - 40.4	6.7 - 7.5
50	50 - 50.5	8.3 - 9.3
63	63 - 63.6	10.5 - 11.7
75	75 - 75.7	12.5 - 13.9
90	90 - 90.9	15 - 16.7
110	110 - 111	18.3 - 20.3
125	125 - 126.2	20.8 - 23

Features

International Standards	ISO 21003-2 & ISO 15874-2 - TSE 13715 - DIN 8078/8077
Production Class	S2.5 - SDR6 - PN25
Pipe Structure	3-Layer polypropylene
Pipe Color	White
PN	10 bar
Category	Class 1,2,4,5

Advantages

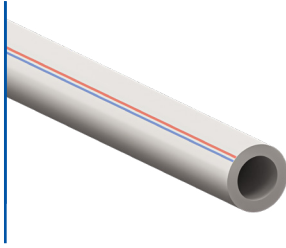
- Increased pressure and temperature resistance compared to single-layer PP-R pipes
- Very low linear expansion coefficient (approximately 75% less than single-layer PP-R pipes), which:
 - Minimizes pipe length changes due to temperature fluctuations
 - Reduces the number of required pipe clips and overall installation costs
- Higher mechanical strength compared to single-layer PP-R pipes
- Fast and easy installation, saving up to 30% of installation time compared to PP-R foil pipes
- Reduced heat loss due to lower thermal conductivity compared to PP-R foil and metal pipes
- No risk of layer separation
- Lighter than PP-R foil and metal pipes, allowing easier handling and transportation

Applications

- Heating and cooling installation piping systems
- Fan coil unit (FCU) drain piping systems
- Cooling tower risers
- Sanitary hot and cold water supply systems
- Branch connections from boiler room manifolds
- Compressed air distribution systems

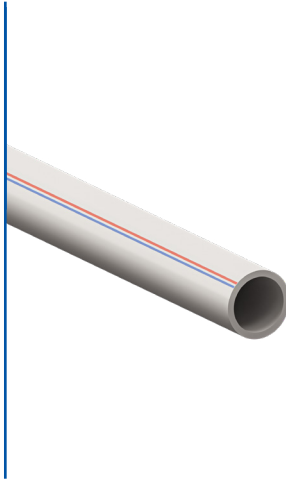


PP- R
Pipe



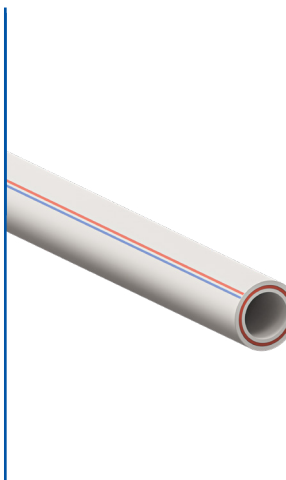
Code	Size (mm)	Packing (m)
819141020	20	140
819141025	25	100
819141032	32	80

PP-RCT
Pipe



Code	Size (mm)	Packing (m)
819161020	20	140
819161025	25	100
819161032	32	80
819161040	40	52
819161050	50	32
819161063	63	24
819161075	75	16
819161090	90	12
819161110	110	8
819161125	125	4

PP-RCT
Composite
Pipe



Code	Size (mm)	Packing (m)
819121020	20	140
819121025	25	100
819121032	32	80
819121040	40	52
819121050	50	32
819121063	63	24
819121075	75	16
819121090	90	12
819121110	110	8
819121125	125	4

Available Colours



Socket



Code	Size (mm)	Packing (Pcs in Carton)
855321101	20	300
855321105	25	250
855321109	32	140
855321113	40	75
855321117	50	45
855321121	63	24
855321125	75	20
855321129	90	10
855321133	110	4
855321137	125	4

Reducing Socket



Code	Size (mm)	Packing (Pcs in Carton)
855321201	25 x 20	400
855321205	32 x 20	300
855321209	32 x 25	250
855321213	40 x 20	180
855321217	40 x 25	160
855321221	40 x 32	120
855321225	50 x 20	160
855321229	50 x 25	160
855321233	50 x 32	100
855321237	50 x 40	80
855321241	63 x 25	80
855321245	63 x 32	80
855321249	63 x 40	45
855321253	63 x 50	45
855321257	75 x 40	40
855321261	75 x 50	32
855321265	75 x 63	28
855321269	90 x 50	24
855321273	90 x 63	22
855321277	90 x 75	18
855321281	110 x 63	14
855321285	110 x 75	14
855321289	110 x 90	10
855321293	110 x 125	3

Elbow 90°



Code	Size (mm)	Packing (Pcs in Carton)
855321301	20	200
855321305	25	150
855321309	32	80
855321313	40	45
855321317	50	24
855321321	63	16
855321325	75	8
855321329	90	3
855321333	110	2
855321337	125	2

Elbow 90°
(F/M)



Code	Size (mm)	Packing (Pcs in Carton)
855321351	20	250
855321355	25	170

Reducing
Elbow 90°



Code	Size (mm)	Packing (Pcs in Carton)
855321371	25 x 20	180
855321375	32 x 25	100

Elbow 45°



Code	Size (mm)	Packing (Pcs in Carton)
855321401	20	300
855321405	25	180
855321409	32	90
855321413	40	60
855321417	50	30
855321421	63	16

Tee



Code	Size (mm)	Packing (Pcs in Carton)
855321501	20	140
855321505	25	80
855321509	32	55
855321513	40	35
855321517	50	24
855321521	63	13
855321525	75	5
855321359	90	3
855321533	110	2
855321537	125	1

Corner Tee



Code	Size (mm)	Packing (Pcs in Carton)
855321551	20	150
855321555	25	100

Reducing Tee



Code	Size (mm)	Packing (Pcs in Carton)
855321601	25 x 20 x 20	140
855321605	25 x 20 x 25	120
855321609	25 x 25 x 20	110
855321613	32 x 20 x 20	95
855321617	32 x 20 x 32	75
855321621	32 x 25 x 32	65
855321625	40 x 20 x 40	50
855321629	40 x 25 x 40	40
855321633	40 x 32 x 40	35
855321637	50 x 25 x 50	24
855321641	50 x 32 x 50	24
855321645	63 x 25 x 63	13
855321649	63 x 32 x 63	13
855321653	63 x 40 x 63	13
855321657	63 x 50 x 63	13

End Cap



Code	Size (mm)	Packing (Pcs in Carton)
855321701	20	650
855321705	25	370
855321709	32	250
855321713	40	150
855321717	50	80
855321721	63	40
855321725	75	28
855321729	90	18
855321733	110	10

Curved Pipe (Cross Over)



Code	Size (mm)	Packing (Pcs in Carton)
855321736	20	80
855321737	25	50
855321738	32	30

3- Layer Curved Pipe (Cross Over)



Code	Size (mm)	Packing (Pcs in Carton)
855321746	20	80
855321747	25	50
855321748	32	30

Curved Pipe with Socket



Code	Size (mm)	Packing (Pcs in Carton)
855321751	20	85
855321755	25	55

C- Bridge



Code	Size (mm)	Packing (Pcs in Carton)
855321769	25	90

Bridge



Code	Size (mm)	Packing (Pcs in Carton)
855321761	20	110
855321765	25	75

Cross



Code	Size (mm)	Packing (Pcs in Carton)
855321771	20	130
855321775	25	90

Flange Socket



Code	Size (mm)	Packing (Pcs in Carton)
855321801	63	24
855321805	75	14
855321809	90	14
855321813	110	12

Flange Socket Adapter



Code	Size (mm)	Packing (Pcs in Carton)
855321831	63	45
855321835	75	36
855321839	90	15
855321843	110	10

Union



Code	Size (mm)	Packing (Pcs in Carton)
855321901	20	90
855321905	25	70
855321909	32	50
855321913	63	12

FT Socket



Code	Size (mm-in)	Packing (Pcs in Carton)
855341101	20 x 1/2"	190
855341105	20 x 3/4"	140
855341109	25 x 1/2"	180
855341113	25 x 3/4"	150
855341117	32 x 3/4"	90
855341121	32 x 1"	75
855341125	40 x 1 1/4"	50
855341129	50 x 1 1/2"	36
855341133	63 x 2"	24
855341137	75 x 2 1/2"	15
855341141	90 x 3"	5
855341145	110 x 4"	4

MT Socket



Code	Size (mm-in)	Packing (Pcs in Carton)
855341201	20 x 1/2"	160
855341205	20 x 3/4"	110
855341209	25 x 1/2"	140
855341213	25 x 3/4"	110
855341217	32 x 3/4"	75
855341221	32 x 1"	65
855341225	40 x 1 1/4"	37
855341229	50 x 1 1/2"	27
855341233	63 x 2"	16

FT Wall Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341301	20 x 1/2"	120
855341305	25 x 3/4"	80
855341309	25 x 1/2"	95

MT Wall Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341313	20 x 1/2"	95
855341317	20 x 3/4"	80
855341309	25 x 3/4"	70

FT Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341325	20 x 1/2"	150
855341329	20 x 3/4"	120
855341333	25 x 1/2"	120
855341337	25 x 3/4"	100
855341341	32 x 3/4"	80
855341345	32 x 1"	60
855341349	40 x 1 1/4"	36
855341353	50 x 1 1/2"	20
855341357	63 x 2"	12

Double FT Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341401	20 x 1/2"	30
855341405	25 x 1/2"	24

Radiator
Double FT
Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341409	20 x 1/2"	17

MT Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341501	20 x 1/2"	120
855321505	20 x 3/4"	90
855321509	25 x 3/4"	80
855321513	25 x 1/2"	100

FT Tee



Code	Size (mm-in)	Packing (Pcs in Carton)
855341601	20 x 1/2"	120
855341605	20 x 3/4"	100
855341609	25 x 1/2"	90
855341613	25 x 3/4"	80
855341617	32 x 1/2"	45
855341621	32 x 3/4"	45
855341625	32 x 1"	40
855341626	40 x 1"	35
855341627	50 x 1 1/2"	15

MT Tee



Code	Size (mm-in)	Packing (Pcs in Carton)
855341629	20 x 1/2"	100

FT Wall Tee



Code	Size (mm-in)	Packing (Pcs in Carton)
855341701	20 x 1/2"	100
855341705	25 x 1/2"	70
855341709	25 x 3/4"	60

MT Wall Tee



Code	Size (mm-in)	Packing (Pcs in Carton)
855341713	20 x 1/2"	80
855341717	25 x 3/4"	60

FT Transition
Socket



Code	Size (mm-in)	Packing (Pcs in Carton)
855341801	20 x 1/2"	150
855341805	25 x 3/4"	100
855341809	32 x 1"	70
855341813	40 x 1 1/4"	45
855341817	50 x 1 1/2"	28
855341821	63 x 2"	20

FT Transition
Socket



Code	Size (mm-in)	Packing (Pcs in Carton)
855341173	20 x 1/2"	230
855341177	25 x 3/4"	170

FT Transition
Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855341533	20 x 1/2"	170
855341537	25 x 3/4"	110

FT Union



Code	Size (mm-in)	Packing (Pcs in Carton)
855341901	20 x 1/2"	85
855341909	25 x 3/4"	60
855341917	32 x 1"	40

MT Union



Code	Size (mm-in)	Packing (Pcs in Carton)
855341905	20 x 1/2"	80
855341913	25 x 3/4"	55

Stop Valve
Core



Code	Size (mm)	Packing (Pcs in Carton)
855461121	20	150
855461125	25	100
855461129	32	80

Stop Valve 45°



Code	Size (mm)	Packing (Pcs in Carton)
861646181	25	25

Stop Valve Core (New)



Code	Size (mm)	Packing (Pcs in Carton)
855461131	20	150
855461135	25	100
855461139	32	80

Stop Valve



Code	Size (mm)	Packing (Pcs in Carton)
855645101	20	55
855645105	25	35
855645109	32	25
855645114	40	20

Stop Valve (New)



Code	Size (mm)	Packing (Pcs in Carton)
855645151	20	55
855645155	25	35
855645159	32	25
855645163	40	20

Stop Valve with Mounting Clamp



Code	Size (mm)	Packing (Pcs in Carton)
861645175	25	35


Ball Valve



Code	Size (mm)	Packing (Pcs in Carton)
861645201	20	65
861645205	25	45
861645209	32	28
861645213	40	15
861645217	50	8
861645221	63	8



Polymer Accessories

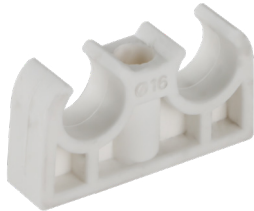
Factory Name	Mona Polymer Espadana, Saman Farayand	
Brand	SGP	
Products	Pipe Clips (16 - 40 mm), End Caps and Aligning Brackets (1/2" _ 1"), Sewage Pipe Clamps (20 - 125 mm) as well as Ice Preventer Liquid and Liquid Teflon	
Objective	To provide accessories of the polymer piping system including polymer installation accessories and sewage pipe clamps, designed as water & wastewater piping solutions	

Pipe Clip



Code	Size (mm)	Packing (Pcs in Carton)
807211101	16	1150
807211105	20	850
807211109	25	600
807211113	32	350
807211117	40	220

Pipe Clip (Double)



Code	Size (mm)	Packing (Pcs in Carton)
807211121	16	350
807211125	20	400
807211129	25	300

Pipe Staple



Code	Size (mm)	Packing (Pcs in Carton)
807211133	16	1600

Pipe Fixing Clip Rail



Code	Size (mm)	Length (cm)	Packing (Pcs in Carton)	Specifications
807211137	16	40	40	Adhesive back
807211141	16	40	40	Plain

Pipe Holder



Code	Size (mm)	Packing (Pcs in Carton)
807221050	50	40
807221063	63	30
807221075	70	30
807221090	90	20
807221110	110	50
807221125	125	50



Riser Clamp



Code	Size (mm)	Packing (Pcs in Carton)
807221650	50	60
807221663	63	50
807221675	75	40
807221690	90	30
807221611	110	20
807221612	125	15

Ceiling Pipe Holder



Code	Size (mm)	Packing (Pcs in Carton)
807221720	20	300
807221725	25	200
807221732	32	100
807221740	40	150
807221750	50	130
807221763	63	120
807221775	75	90
807221790	90	75
807221711	110	50
807221712	125	45

Short Cap



Code	Size (in)	Packing (Pcs in Carton)
807261101	1/2"	800
807261105	3/4"	500
807261109	1"	300

Short Cap with O-Ring



Code	Size (in)	Packing (Pcs in Carton)
807261201	1/2"	800
807261205	3/4"	500

Long Plug Type A



Code	Size (in)	Packing (Pcs in Carton)	Color
807261301	1/2"	230	Blue
807261305	1/2"	230	Red

Long Plug
Type B



Code	Size (in)	Packing (Pcs in Carton)	Color
807261401	1/2"	150	Blue
807261501	1/2"	150	Red
807261405	3/4"	100	Blue
807261505	3/4"	100	Red
807261409	1"	60	Blue
807261509	1"	60	Red

Aligning
Bracket
(Short Length)



Code	Size (in)	Packing (Pcs in Carton)
807311101	1/2"	320
807311104	3/4"	320

Radiator
Polymer Aligning
Bracket
(500 mm)



Code	Size (in)	Packing (Pcs in Carton)
807311107	1/2"	40

Ice Preventer
Liquid



Code	Capacity (L)
891752155	20
891752159	10

Liquid Teflon



Code	Quantity (mL)	Packing (Pcs in Small Box)	Packing (Pcs in Large Box)
353410050	50	10	120
353410100	100	12	96
353410250	250	6	36



NEWFLEX

Polypropylene Push-Fit Simple Pipes and Fittings

Factory Name	Novin Ettasal Pardis Gostaresh	
Background	Since 2007	
Brand	NEWFLEX	NEWFLEX
Products	Polypropylene Sewage Push - Fit Pipes & Fittings	
Size	50 - 160 mm	
Types	B & BD	
Warranty	30 Years	

Product Details

Technical Specifications

Color		Dim-Gray RAL 7037
Density	g/cm ³	0.91
Tensile Strength at 20°C	N/mm ²	30
Yield Stress	N/mm ²	21
Flexibility Factor	N/mm ²	1200
Elongation	%	800
Bending Stress	N/mm ²	20
Elasticity	N/mm ²	350
Impact Strength	kJ/m ²	25
Thermal Conductivity	W/m.k	0.23
Coefficient of Linear Expansion	m/mk	0.00015
Roughness Index	mm/m	0.007
PH Rate	-	2-12

Advantages

- High impact resistance even at temperatures below 0°C
- High thermal resistance to hot outlet water from dishwashers and washing machines
- Easy installation (no adhesives or welding required)
- Smooth inner surface of pipes and fittings
- No sediment formation due to a roughness coefficient of less than 0.007 mm/m
- Quick installation without the need for complex equipment
- Resistance to various chemicals (acids, bases, detergents, stain removers, etc.)
- Fire resistance under probable combustion conditions
- Wide variety of fittings for easy installation and disassembly
- Resistance to microorganisms and rodents
- Lightweight and easy to carry
- Long service life
- Resistance to earthquakes and building settlement



Applications

- Sewage disposal systems for residential buildings, offices, complexes, hotels, and hospitals
- Condensate drainage from air conditioning systems
- Urban sewage pipelines
- Rainwater collection systems



Single Socket
Pipe (B)



Code	Size (mm)	Length (mm)	Packing (Pcs in Pack)
837121050	50	150	15
837141050	50	250	70
837161050	50	500	40
837181050	50	1000	15
837201050	50	2000	15
837221050	50	3000	15
837121063	63	150	60
837141063	63	250	40
837161063	63	500	25
837181063	63	1000	12
837201063	63	2000	12
837221063	63	3000	12
837121075	75	150	40
837141075	75	250	30
837161075	75	500	15
837181075	75	1000	9
837201075	75	2000	9
837221075	75	3000	9
837121090	90	150	30
837141090	90	250	24
837161090	90	500	12
837181090	90	1000	6
837201090	90	2000	6
837221090	90	3000	6
837121110	110	150	20
837141110	110	250	15
837161110	110	500	8
837181110	110	1000	6
837201110	110	2000	6
837221110	110	3000	6
837241110	110	5000	1
837141125	125	250	10
837161125	125	500	5
837181125	125	1000	4
837201125	125	2000	4
837221125	125	3000	4
837141160	160	250	6
837161160	160	500	4
837181160	160	1000	4
837201160	160	2000	4
837221160	160	3000	4

B: To be used in buildings, with black cap

Single Socket
Pipe (BD)



Code	Size (mm)	Length (mm)	Packing (Pcs in Pack)
837261050	50	150	15
837281050	50	250	70
837301050	50	500	40
837321050	50	1000	15
837341050	50	2000	15
837361050	50	3000	15
837261063	63	150	60
837281063	63	250	40
837301063	63	500	25
837321063	63	1000	12
837341063	63	2000	12
837361063	63	3000	12
837261075	75	150	40
837281075	75	250	30
837301075	75	500	15
837321075	75	1000	9
837341075	75	2000	9
837361075	75	3000	9
837261090	90	150	30
837281090	90	250	24
837301090	90	500	12
837321090	90	1000	6
837341090	90	2000	6
837361090	90	3000	6
837261110	110	150	20
837281110	110	250	15
837301110	110	500	8
837321110	110	1000	6
837341110	110	2000	6
837361110	110	3000	6
837381110	110	5000	1
837281125	125	250	10
837301125	125	500	5
837321125	125	1000	4
837341125	125	2000	4
837361125	125	3000	4
837281160	160	250	6
837301160	160	500	4
837321160	160	1000	4
837341160	160	2000	4
837361160	160	3000	4

BD: To be used in buildings and/or underfloor, with yellow cap

Double Socket Pipe (B)



Code	Size (mm)	Length (mm)	Packing (Pcs in Pack)
837162050	50	500	35
837182050	50	1000	15
837202050	50	2000	15
837222050	50	3000	15
837162063	63	500	24
837182063	63	1000	12
837202063	63	2000	12
837222063	63	3000	12
837162075	75	500	15
837182075	75	1000	9
837202075	75	2000	9
837222075	75	3000	9
837162090	90	500	10
837182090	90	1000	6
837202090	90	2000	6
837222090	90	3000	6
837162110	110	500	8
837182110	110	1000	6
837202110	110	2000	6
837222110	110	3000	6
837242110	110	5000	1
837162125	125	500	5
837182125	125	1000	4
837202125	125	2000	4
837222125	125	3000	4
837162160	160	500	3
837182160	160	1000	4
837202160	160	2000	4
837222160	160	3000	4

B: To be used in buildings, with black cap

Double Socket Pipe (BD)



Code	Size (mm)	Length (mm)	Packing (Pcs in Pack)
837302050	50	500	35
837322050	50	1000	15
837342050	50	2000	15
837362050	50	3000	15
837302063	63	500	24
837322063	63	1000	12
837342063	63	2000	12
837362063	63	3000	12
837302075	75	500	15
837322075	75	1000	9
837342075	75	2000	9
837362075	75	3000	9
837302090	90	500	10
837322090	90	1000	6
837342090	90	2000	6
837362090	90	3000	6
837302110	110	500	8
837322110	110	1000	6
837342110	110	2000	6
837362110	110	3000	6
837382110	110	5000	1
837302125	125	500	5
837322125	125	1000	4
837342125	125	2000	4
837362125	125	3000	4
837302160	160	500	3
837322160	160	1000	4
837342160	160	2000	4
837362160	160	3000	4

BD: To be used in buildings and/or underfloor, with yellow cap

Socket



Code	Size (mm)	Packing (Pcs in Carton)
855361102	50	28
855361106	63	20
855361110	75	70
855361114	90	50
855361118	110	30
855361122	125	20
855361126	160	12

Eccentric Reducer



Code	Size (mm)	Packing (Pcs in Carton)
855361342	50-63	20
855361346	50-75	30
855361350	63-75	19
855361354	63-90	15
855361358	50-110	60
855361362	63-110	10
855361366	75-110	9
855361370	90-110	45
855361374	110-125	24
855361378	110-160	20
855361382	125-160	20

Elbow 45°



Code	Size (mm)	Packing (Pcs in Carton)
855361502	50	150
855361510	63	90
855361518	75	60
855361526	90	40
855361534	110	25
855361542	125	15
855361550	160	8

Elbow 87°



Code	Size (mm)	Packing (Pcs in Carton)
855361506	50	130
855361514	63	80
855361522	75	50
855361530	90	30
855361538	110	20
855361546	125	14
855361554	160	5

Notice: DO NOT shorten the fittings!

Vent
Elbow 45°



Code	Size (mm)	Packing (Pcs in Carton)
855361702	50-63-63	45
855361710	50-110-110	15

Vent
Elbow 87°



Code	Size (mm)	Packing (Pcs in Carton)
855361706	50-63-63	10
855361714	50-110-110	15

Double
Branch 67°



Code	Size (mm)	Packing (Pcs in Carton)
855361734	110-110-110	8

Sink Elbow



Code	Size (mm)	Packing (Pcs in Carton)
855361841	50 - 50	25

Sink Rubber
Joint



Code	Size (mm)	Packing (Pcs in Carton)
855361845	30 - 50	20

Notice: DO NOT shorten the fittings!

Tee 87°



Code	Size (mm)	Packing (Pcs in Carton)
855361902	50-50	70
855361906	50-63	50
855361910	63-63	40
855361914	50-75	40
855361918	63-75	35
855361922	75-75	30
855361926	63-90	25
855361930	75-90	25
855361934	90-90	20
855361938	50-110	20
855361942	63-110	20
855361944	75-110	15
855361946	90-110	15
855361950	110-110	14
855361954	110-125	8
855361958	125-125	8
855361962	110-160	5
855361966	125-160	4
855361970	160-160	4

Tee 45°



Code	Size (mm)	Packing (Pcs in Carton)
855362102	50-50	60
855362106	50-63	40
855362110	63-63	35
855362114	50-75	35
855362118	75-75	25
855362122	63-90	25
855362126	90-90	15
855362130	50-110	20
855362134	63-110	15
855362138	75-110	15
855362142	90-110	10
855362146	110-110	10
855362150	110-125	6
855362154	125-125	6
855362158	110-160	5
855362162	125-160	4
855362166	160-160	3

Notice: DO NOT shorten the fittings!

End Cap



Code	Size (mm)	Packing (Pcs in Carton)
855362302	50	120
855362306	63	75
855362310	75	50
855362314	90	30
855362318	110	20
855362322	125	15
855362326	160	6

Access Cap



Code	Size (mm)	Packing (Pcs in Carton)
855362502	75	6
855362506	90	4
855362510	110	16
855362514	125	10
855362518	160	8

Access End-Cap



Code	Size (mm)	Packing (Pcs in Carton)
855362702	75	15
855362706	110	7

Polypropylene Siphon with Cap



Code	d1 Size (mm)	d2 Size (mm)	length (mm)	Packing (Pcs in Pack)
855362906	50	75	600	5
855362914	50	75	900	5
855362938	63	75	600	5
855362946	63	75	900	5
855362954	75	75	600	5
855362962	75	75	900	5
855362970	90	90	600	5
855362978	90	90	900	5
855362986	110	125	600	5
855363246	110	125	900	5

Notice: DO NOT shorten the fittings!

HDPE Siphon
with Cap



Code	d1 Size (mm)	d2 Size (mm)	length (mm)	Packing (Pcs in Pack)
855363138	63	75	5	600
855363146	63	75	5	900
855363154	75	75	5	600
855363162	75	75	5	900
855363238	110	125	5	600
855362994	110	125	5	900

Siphon Set
50 - 75 - 110



Code	Size (mm)	Packing (Pcs in Carton)
855363250	50 - 75 - 110	12

Short Siphon
(Without Elbow)



Code	Size (mm)	Packing (Pcs in Carton)
855363252	75	30
855363254	110	12

Short Siphon



Code	Size (mm)	Packing (Pcs in Carton)
855363256	75	20
855363258	110	8

Notice: DO NOT shorten the fittings!

Lubricant



Code	Quantity	Packing (Pcs in Carton)
891771288	200 gr	40

Lubricant
Spray



Code	Packing (Pcs in Carton)
891791272	24



NEWFLEX

Polypropylene Push-Fit Silent Pipes & Fittings

Factory Name	Novin Ettasal Pardis Gostaresh	
Background	Since 2007	
Brand	NEWFLEX	NEWFLEX
Products	Three - Layer Silent Push - Fit Pipes & Fittings	
Size	50 -160 mm	
Warranty	30 Years	

Product Details

Technical Specifications

Color		Papyrus White RAL 9018
Density	g/cm ³	1.507
Tensile Strength at 20°C	N/mm ²	25
Yield Stress	N/mm ²	20
Flexibility Factor	N/mm ²	800
Elongation	%	150
Bending Stress	N/mm ²	20
Elasticity	N/mm ²	2600
Impact Strength	kJ/m ²	30
Thermal Conductivity	W/m.k	0.55
Coefficient of Linear Expansion	m/mk	0.90
Roughness Index	mm/m	0.007
PH Rate	-	2 - 12

Advantages

- Effective sound insulation, reducing noise transmission to the surrounding environment
- Clog-resistant and non-sedimenting structure
- Perfectly smooth and polished inner surface of pipes and fittings
- No need for adhesives or welding during installation
- Extremely fast installation without requiring complex tools or equipment
- Wide variety of fittings for easy installation and disassembly
- Long service life and high durability
- Resistant to earthquakes and building settlement
- Compatible with older standard sewage pipes and fittings
- Excellent impact and thermal resistance

Applications

- Sewage disposal systems for residential buildings, offices, complexes, hotels, and hospitals



Single Socket
Pipe
(Silent)



Code	Size (mm)	length (mm)	Packing (Pcs in Pack)
837401050	50	150	15
837421050	50	250	70
837441050	50	500	40
837461050	50	1000	15
837481050	50	2000	15
837501050	50	3000	15
837401075	75	150	40
837421075	75	250	30
837441075	75	500	15
837461075	75	1000	9
837481075	75	2000	9
837501075	75	3000	9
837401110	110	150	20
837421110	110	250	15
837441110	110	500	8
837461110	110	1000	6
837481110	110	2000	6
837501110	110	3000	6
837421125	125	250	10
837441125	125	500	5
837461125	125	1000	4
837481125	125	2000	4
837501125	125	3000	4
837421160	160	250	6
837441160	160	500	4
837461160	160	1000	4
837481160	160	2000	4
837501160	160	3000	4

Eccentric
Reducer
(Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855361446	50-75	30
855361458	50-110	60
855361466	75-110	9
855361474	110-125	24
855361478	110-160	20
855361482	125-160	20

Double Socket
Pipe
(Silent)



Code	Size (mm)	length (mm)	Packing (Pcs in Pack)
837442050	50	500	35
837462050	50	1000	15
837482050	50	2000	15
837502050	50	3000	15
837442075	75	500	15
837462075	75	1000	9
837482075	75	2000	9
837502075	75	3000	9
837442110	110	500	8
837462110	110	1000	6
837482110	110	2000	6
837502110	110	3000	6
837442125	125	500	5
837462125	125	1000	4
837482125	125	2000	4
837502125	125	3000	4
837442160	160	500	3
837462160	160	1000	4
837482160	160	2000	4
837502160	160	3000	4

Socket (Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855361202	50	28
855361210	75	70
855361218	110	30
855361222	125	20
855361226	160	12

Elbow 45°
(Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855361602	50	150
855361618	75	60
855361634	110	25
855361642	125	15
855361650	160	8

Vent
Elbow 45°
(Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855361810	50-110-110	15

Vent
Elbow 87°
(Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855361814	50-110-110	15

Tee 87°
(Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855362002	50-50	70
855362014	50-75	40
855362022	75-75	30
855362038	50-110	20
855362042	75-110	15
855362050	110-110	14
855362054	110-125	8
855362058	125-125	8
855362062	110-160	5
855362066	125-160	4
855362070	160-160	4

Tee 45°
(Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855362202	50-50	60
855362214	50-75	35
855362218	75-75	25
855362230	50-110	20
855362238	75-110	15
855362246	110-110	10
855362250	110-125	6
855362254	125-125	6
855362258	110-160	5
855362262	125-160	4
855362266	160-160	3

Cap (Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855362402	50	120
855362410	75	50
855362418	110	20
855362422	125	15
855362426	160	6

Elbow 87° (Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855361606	50	130
855361622	75	50
855361638	110	20
855361646	125	14
855361654	160	5

Access Cap (Silent)



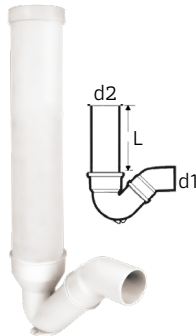
Code	Size (mm)	Packing (Pcs in Carton)
855362602	75	6
855362606	110	16
855362610	125	10
855362614	160	8

Access End-Cap (Silent)



Code	Size (mm)	Packing (Pcs in Carton)
855362802	75	15
855362806	110	7

Siphon Set with Cap (Silent)



Code	d1 Size (mm)	d2 Size (mm)	length (mm)	Packing (Pcs in Pack)
855363006	50	75	600	5
855363014	50	75	900	5
855363054	75	75	600	5
855363062	75	75	900	5
855363086	110	125	600	5
855363094	110	125	900	5



MULTIPIPE

PVC - U Pipes & Fittings

Factory Name	Ettesal Polymer Giti	
Background	Since 2023	
Brand	MULTIPIPE	MULTIPIPE
Products	Sewage Pipes & Fittings, Non-Sewage Ventilation Pipes, Electrical Conduits	
Size	20 - 250 mm	
Warranty	10 Years	

Product Details

Technical Specifications

- PVC -U Solvent Weld Sewer Pipes

Size (mm)	Thickness (mm)	Type
50	3	B
63	3	B
75	3	BD
90	3	BD
110	3.2	BD
125	3.2	BD
160	3.2	B
160	4	BD
200	3.9	B
200	4.9	BD
250	4.9	B
250	6.2	BD

Advantages

- Cost-effective and economical
- Clog-resistant and non-sedimenting
- Perfectly smooth and polished inner surface
- Easy access for inspection and maintenance
- High installation speed
- Fire and heat-resistant (flame-retardant)
- Long service life
- Resistant to corrosion and rust
- Electrically non-conductive
- Excellent resistance to impact and pressure



Applications

- Sewage disposal systems for residential buildings, offices, complexes, hotels, and hospitals
- Condensate drainage from air conditioning systems
- Urban sewage pipelines
- Rainwater collection systems



PVC-U
Sewer Pipe



Code	Size (mm)	thickness (mm)	Type	Packing
843121040	40	3	B	6 m - Pipe Length
843121050	50	3	B	6 m - Pipe Length
843121063	63	3	B	6 m - Pipe Length
843142075	75	3	BD	6 m - Pipe Length
843142090	90	3	BD	6 m - Pipe Length
843142110	110	3.2	BD	6 m - Pipe Length
843142125	125	3.2	BD	6 m - Pipe Length
843121160	160	3.2	B	6 m - Pipe Length
843142160	160	4	BD	6 m - Pipe Length
843121200	200	3.9	B	-
843142200	200	4.9	BD	-
-	250	4.9	B	-

Notice:

B: To be used in buildings

BD: Suitable for underground systems

PVC-U
Non-Sewage
Ventilation Pipe



Code	Size (mm)	thickness (mm)	Packing (Pcs in Carton)
843162063	63	1.3	6 m - Pipe Length
843162090	90	1.8	6 m - Pipe Length
843162110	110	2	6 m - Pipe Length

PVC- U
Electrical
Conduit



Code	Size (mm)	Packing (Pcs in Carton)
843181020	20 x 1.5	30
843181025	25 x 1.5	20
843181032	32 x 1.8	15
843181040	40 x 1.8	-
843181050	50 x 1.8	-

PVC-U
Electrical
Bend



Code	Size (mm)	Packing (mm)
855091020	20	120
855091025	25	100

PVC-U
Eccentric
Socket Reducer



Code	Size (mm)	Packing (Pcs in Carton)
855382680	125 - 160	28

PVC-U
Elbow 45°



Code	Size (mm)	Packing (Pcs in Carton)
855382347	40	200
855382351	50	150
855382355	63	125
855382357	75	80
855382359	90	50
855382363	110	36
855382367	125	24
855382371	160	12

PVC-U
Double Couple
Elbow 45°



Code	Size (mm)	Packing (Pcs in Carton)
855382391	63	100
855382393	75	60
855382394	90	40
855382395	110	24

PVC-U
Elbow 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382397	40	90
855382401	50	200
855382405	63	90
855382407	75	50
855382409	90	36
855382413	110	26
855382417	125	16
855382421	160	8

PVC-U
Double Couple
Elbow 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382456	63	100
855382458	75	50
855382459	90	32
855382460	110	20

PVC - U
Adjustable
Elbow 0 - 180°



Code	Size (mm)	Packing (Pcs in Carton)
855382488	110	15

PVC-U
Curved Elbow
87°



Code	Size (mm)	Packing (Pcs in Carton)
855382464	63	85
855382468	90	30
855382472	110	20

PVC - U
Eccentric
Reducer



Code	Size (mm)	Packing (Pcs in Carton)
855382652	63 - 90	120
855382656	63 - 110	60
855382658	75 - 110	60
855382660	90 - 110	60
855382664	63 - 125	56
855382668	90 - 125	54
855382672	110 - 125	48
855382676	110 - 160	24

PVC-U
Tee 45°



Code	Size (mm)	Packing (Pcs in Carton)
855382496	40	200
855382501	50	90
855382505	63	50
855382507	75	30
855382509	90	20
855382513	110	12
855382517	125	8
855382521	160	4

PVC - U
Socket
Tee 45°



Code	Size (mm)	Packing (Pcs in Carton)
855382525	63	50
855382527	75	25
855382528	90	18
855382529	110	10

PVC - U
Tee 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382531	40	200
855382533	50	120
855382537	63	60
855382539	75	40
855382541	90	24
855382545	110	15
855382549	125	10
855382553	160	4
855382555	200	-

PVC-U
Socket
Tee 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382557	63	68
855382559	75	25
855382560	90	20
855382561	110	15

PVC-U
Curved
Tee 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382565	63	50
855382569	90	20
855382573	110	12

PVC-U
Reducer
Tee 45°



Code	Size (mm)	Packing (Pcs in Carton)
855382577	63 - 90	24
855382581	63 - 110	18
855382585	90 - 110	14
855382589	110 - 125	10
855382593	110 - 160	6
855382597	125 - 160	-

PVC-U
Reducer
Tee 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382601	63 - 90	32
855382605	63 - 110	26
855382609	90 - 110	18

PVC-U
Reducer
Curved
Tee 87°



Code	Size (mm)	Packing (Pcs in Carton)
855382635	63 - 110	24

PVC-U
Reducer Socket
Tee 45°



Code	Size (mm)	Packing (Pcs in Carton)
855382643	63-90	25

PVC-U
Access
End-Cap



Code	Size (mm)	Packing (Pcs in Carton)
855382701	63	200
855382705	90	60
855382709	110	50
855382713	125	42
855382717	160	18

PVC-U
Access
Cap Tee



Code	Size (mm)	Packing (Pcs in Carton)
855382751	110	16

PVC-U
Cap



Code	Size (mm)	Packing (Pcs in Carton)
855382902	63	280
855382906	90	132
855382910	110	81
855382914	125	52
855382918	160	34

PVC-U
Pipe Connector



Code	Size (mm)	Packing (Pcs in Carton)
855382812	63	120
855382814	75	90
855382816	90	60
855382820	110	45
855382824	125	24
855382828	160	16

PVC-U
Pipe Connector
(Long)



Code	Size (mm)	Packing (Pcs in Carton)
855382851	63	120
855382853	75	90
855382855	90	60
855382859	110	45
855382863	125	24
855382867	160	16

PVC-U
Repair Clamp



Code	Size (mm)	Packing (Pcs in Carton)
855382871	63	100
855382879	110	36

PVC-U
Triple-Function
Cap



Code	Size (mm)	Packing (Pcs in Carton)
855382893	63 - 75 - 90	90
855382895	90 - 110 - 125	35

PVC-U
Siphon



Code	Size (mm)	Packing (Pcs in Carton)
855382931	63	52
855382932	75	40
855382935	90	18
855382939	110	9

PVC-U
Reducer
Siphon



Code	Size (mm)	Packing (Pcs in Carton)
855382943	110 - 125	9

Two-Way
PVC-U
End Cap



Code	Size (mm)	Packing (Pcs in Carton)
855383050	50	200
855383063	63	200
855383090	90	200
855383110	110	120

PVC- U
Sleeved
Socket



Code	Size (mm)	Packing (Pcs in Carton)
855384704	63	90
-	90	-
855384710	110	45

PVC-U Solvent
Cement
(Adhesive)



Code	Quantity	Packing (Pcs in Carton)
891771277	250 cc	24
891771266	100 cc	36

DINA POLYMER

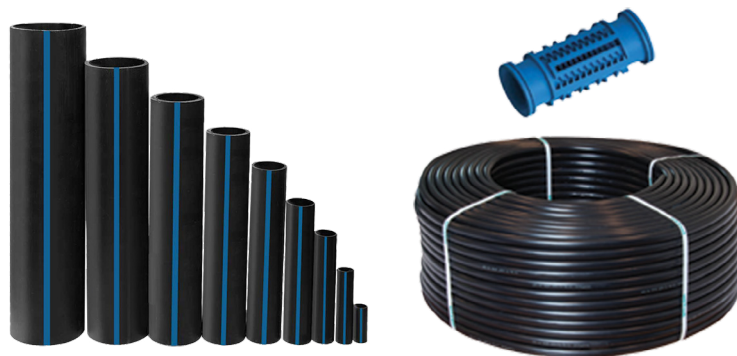
HDPE water supply & Sewage Pipes

Factory Name	Dina Polymer Safahan	
Background	Since 2006	
Brand	DINAPOLYMER	DINA POLYMER
Product	Single _ Layer PE Pipes	
Size	16 - 630 mm	
PN	4 -25 bar	
Production Lines No	10	
Annual Production Capacity (LDPE)	50/000/000 meters (2750 Tons)	
Annual Production Capacity (HDPE)	9600 Tons	
Warranty	10 Years	

Product Details

■ Advantages

- High mechanical strength despite low density
- Excellent resistance to corrosion, chemical exposure, and abrasion
- Easy, strong, leak-free, and cost-effective jointing
- Lightweight for easy transportation and significant savings in installation operations
- High reliability and reduced failure risk in earthquake-prone areas
- Low and stable friction coefficient throughout the service life
- Suitable for installation in regions with weak or unstable soil layers
- Resistant to sudden pressure fluctuations
- Thermal, electrical, and acoustic insulation properties



Technical specifications

Pressure Rating (PN) in bar

PE 80	PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20	
PE 100	PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20		PN 25	
Diameter Nominal (DN) mm	Pipe Series													
	SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4	
	S 12.5		S 10		S 8		S 6.3		S 5		S 4		S 3.2	
	Tickness (mm)	Pipe's Weight per meter (Kg/m)	Tickness (mm)	Pipe's Weight per meter (Kg/m)	Tickness (mm)	Pipe's Weight per meter (Kg/m)	Tickness (mm)	Pipe's Weight per meter (Kg/m)	Tickness (mm)	Pipe's Weight per meter (Kg/m)	Tickness (mm)	Pipe's Weight per meter (Kg/m)	Tickness (mm)	Pipe's Weight per meter (Kg/m)
16	–	–	–	–	–	–	–	–	–	–	2.0	0.092	2.3	0.103
20	–	–	–	–	–	–	1.8	0.107	2.0	0.118	2.3	0.134	3.0	0.164
25	–	–	–	–	1.8	0.137	2.0	0.151	2.3	0.173	3.0	0.202	3.5	0.243
32	–	–	1.8	0.179	2.0	0.198	2.4	0.235	3.0	0.282	3.6	0.331	4.4	0.390
40	1.8	0.229	2.0	0.251	2.4	0.299	3.0	0.360	3.7	0.434	4.5	0.514	5.5	0.607
50	2.0	0.317	2.4	0.378	3.0	0.458	3.7	0.555	4.6	0.673	5.6	0.796	6.9	0.945
63	2.5	0.500	3.0	0.586	3.8	0.728	4.7	0.883	5.8	1.06	7.1	1.27	8.6	1.49
75	2.9	0.683	3.6	0.836	4.5	1.03	5.6	1.25	6.8	1.48	8.4	1.78	10.3	2.12
90	3.5	0.988	4.3	1.20	5.4	1.47	6.7	1.79	8.2	2.14	10.1	2.57	12.3	3.03
110	4.2	1.45	5.3	1.79	6.6	2.19	8.1	2.64	10.0	3.18	12.3	3.82	15.1	4.54
125	4.8	1.86	6.0	2.29	7.4	2.79	9.2	3.40	11.4	4.12	14.0	4.92	17.1	5.84
160	6.2	3.08	7.7	3.75	9.5	4.57	11.8	5.56	14.6	6.74	17.9	7.04	21.9	9.54
180	6.9	3.83	8.6	4.71	10.7	5.77	13.3	7.05	16.4	8.51	21.1	10.2	24.6	12.1
200	7.7	4.74	9.6	5.84	11.9	7.12	14.7	8.65	18.2	10.5	22.4	12.6	27.4	14.9
250	9.6	7.38	11.9	9.02	14.8	11.1	18.4	13.5	22.7	16.3	27.9	19.6	34.2	23.3
315	12.1	11.7	15.0	14.3	18.7	17.6	23.2	21.5	28.6	25.9	35.2	31.1	43.1	36.9
355	13.6	14.8	16.9	18.2	21.1	22.4	26.1	27.2	32.2	32.9	39.7	39.5	48.5	46.8
400	15.3	18.8	19.1	23.1	23.7	28.3	29.4	34.5	36.3	41.7	44.7	50.1	54.7	59.4
450	17.2	23.7	21.5	29.3	26.7	35.8	33.1	43.7	40.9	52.8	50.3	63.4	61.5	75.2
500	19.1	29.2	23.9	36.1	29.7	44.2	36.8	53.9	45.4	65.2	55.8	78.1	68.3	92.8
560	21.4	36.6	26.7	45.2	33.2	55.4	41.2	67.6	50.8	81.7	62.5	98.0	–	–
630	24.1	46.4	30.0	57.0	37.4	70.2	46.3	85.5	57.2	103	–	–	–	–

HDPE Pipe
(PE 80 & PN 20)
SDR 7.4



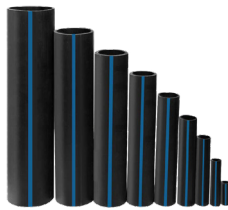
Code	Size (mm)	Packing (m)
825081020	20	200 - Pipe Coil
825081025	25	200 - Pipe Coil
825081032	32	150 - Pipe Coil
825081040	40	100 - Pipe Coil
825081050	50	100 - Pipe Coil
825081063	63	100 - Pipe Coil
825081075	75	12 - Pipe Length
825081090	90	12 - Pipe Length
825081110	110	12 - Pipe Length
825081125	125	12 - Pipe Length
825081160	160	12 - Pipe Length
825081200	200	12 - Pipe Length
825081250	250	12 - Pipe Length
825081315	315	12 - Pipe Length
825081355	355	12 - Pipe Length
825081400	400	12 - Pipe Length
825081450	450	12 - Pipe Length
825081500	500	12 - Pipe Length
825081560	560	12 - Pipe Length
825081630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 25)
SDR 7.4



Code	Size (mm)	Packing (m)
825082020	20	200 - Pipe Coil
825082025	25	200 - Pipe Coil
825082032	32	150 - Pipe Coil
825082040	40	100 - Pipe Coil
825082050	50	100 - Pipe Coil
825082063	63	100 - Pipe Coil
825082075	75	12 - Pipe Length
825082090	90	12 - Pipe Length
825082110	110	12 - Pipe Length
825082125	125	12 - Pipe Length
825082160	160	12 - Pipe Length
825082200	200	12 - Pipe Length
825082250	250	12 - Pipe Length
825082315	315	12 - Pipe Length
825082355	355	12 - Pipe Length
825082400	400	12 - Pipe Length
825082450	450	12 - Pipe Length
825082500	500	12 - Pipe Length
825082560	560	12 - Pipe Length
825082630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 16)
SDR 9



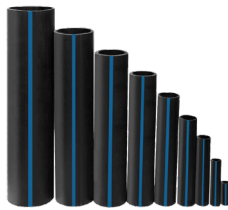
Code	Size (mm)	Packing (m)
825091020	20	200 - Pipe Coil
825091025	25	200 - Pipe Coil
825091032	32	150 - Pipe Coil
825091040	40	100 - Pipe Coil
825091050	50	100 - Pipe Coil
825091063	63	100 - Pipe Coil
825091075	75	100 - Pipe Coil
825091090	90	12 - Pipe Length
825091110	110	12 - Pipe Length
825091125	125	12 - Pipe Length
825091160	160	12 - Pipe Length
825091200	200	12 - Pipe Length
825091250	250	12 - Pipe Length
825091315	315	12 - Pipe Length
825091355	355	12 - Pipe Length
825091400	400	12 - Pipe Length
825091450	450	12 - Pipe Length
825091500	500	12 - Pipe Length
825091560	560	12 - Pipe Length
825091630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 20)
SDR 9



Code	Size (mm)	Packing (m)
825092020	20	200 - Pipe Coil
825092025	25	200 - Pipe Coil
825092032	32	150 - Pipe Coil
825092040	40	100 - Pipe Coil
825092050	50	100 - Pipe Coil
825092063	63	100 - Pipe Coil
825092075	75	100 - Pipe Coil
825092090	90	12 - Pipe Length
825092110	110	12 - Pipe Length
825092125	125	12 - Pipe Length
825092160	160	12 - Pipe Length
825092200	200	12 - Pipe Length
825092250	250	12 - Pipe Length
825092315	315	12 - Pipe Length
825092355	355	12 - Pipe Length
825092400	400	12 - Pipe Length
825092450	450	12 - Pipe Length
825092500	500	12 - Pipe Length
825092560	560	12 - Pipe Length
825092630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 12.5)
SDR 11



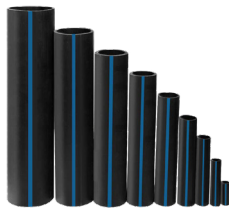
Code	Size (mm)	Packing (m)
825111020	20	200 - Pipe Coil
825111025	25	200 - Pipe Coil
825111032	32	150 - Pipe Coil
825111040	40	100 - Pipe Coil
825111050	50	100 - Pipe Coil
825111063	63	100 - Pipe Coil
825111075	75	100 - Pipe Coil
825111090	90	100 - Pipe Coil
825111110	110	12 - Pipe Length
825111125	125	12 - Pipe Length
825111140	140	12 - Pipe Length
825111160	160	12 - Pipe Length
825111200	200	12 - Pipe Length
825111250	250	12 - Pipe Length
825111315	315	12 - Pipe Length
825111355	355	12 - Pipe Length
825111400	400	12 - Pipe Length
825111450	450	12 - Pipe Length
825111500	500	12 - Pipe Length
825111560	560	12 - Pipe Length
825111630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 16)
SDR 11



Code	Size (mm)	Packing (m)
825112020	20	200 - Pipe Coil
825112025	25	200 - Pipe Coil
825112032	32	150 - Pipe Coil
825112040	40	100 - Pipe Coil
825112050	50	100 - Pipe Coil
825112063	63	100 - Pipe Coil
825112075	75	100 - Pipe Coil
825112090	90	100 - Pipe Coil
825112110	110	12 - Pipe Length
825112125	125	12 - Pipe Length
825112160	160	12 - Pipe Length
825112200	200	12 - Pipe Length
825112250	250	12 - Pipe Length
825112315	315	12 - Pipe Length
825112355	355	12 - Pipe Length
825112400	400	12 - Pipe Length
825112450	450	12 - Pipe Length
825112500	500	12 - Pipe Length
825112560	560	12 - Pipe Length
825112630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 10)
SDR 13.6



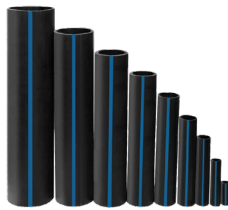
Code	Size (mm)	Packing (m)
825141020	20	200 - Pipe Coil
825141025	25	200 - Pipe Coil
825141032	32	150 - Pipe Coil
825141040	40	100 - Pipe Coil
825141050	50	100 - Pipe Coil
825141063	63	100 - Pipe Coil
825141075	75	100 - Pipe Coil
825141090	90	100 - Pipe Coil
825141110	110	100 - Pipe Coil
825141125	125	100 - Pipe Coil
825141160	160	12 - Pipe Length
825141200	200	12 - Pipe Length
825141250	250	12 - Pipe Length
825141315	315	12 - Pipe Length
825141355	355	12 - Pipe Length
825141400	400	12 - Pipe Length
825141450	450	12 - Pipe Length
825141500	500	12 - Pipe Length
825141560	560	12 - Pipe Length
825141630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 12.5)
SDR 13.6



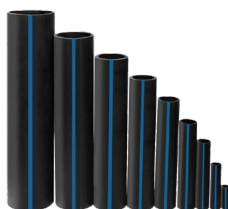
Code	Size (mm)	Packing (m)
825142020	20	200 - Pipe Coil
825142025	25	200 - Pipe Coil
825142032	32	150 - Pipe Coil
825142040	40	100 - Pipe Coil
825142050	50	100 - Pipe Coil
825142063	63	100 - Pipe Coil
825142075	75	100 - Pipe Coil
825142090	90	100 - Pipe Coil
825142110	110	100 - Pipe Coil
825142125	125	100 - Pipe Coil
825142160	160	12 - Pipe Length
825142200	200	12 - Pipe Length
825142250	250	12 - Pipe Length
825142315	315	12 - Pipe Length
825142355	355	12 - Pipe Length
825142400	400	12 - Pipe Length
825142450	450	12 - Pipe Length
825142500	500	12 - Pipe Length
825142560	560	12 - Pipe Length
825142630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 8)
SDR 17



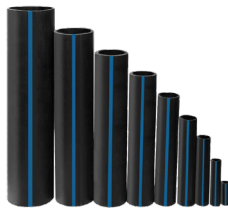
Code	Size (mm)	Packing (m)
825171025	25	200 - Pipe Coil
825171032	32	150 - Pipe Coil
825171040	40	100 - Pipe Coil
825171050	50	100 - Pipe Coil
825171063	63	100 - Pipe Coil
825171075	75	100 - Pipe Coil
825171090	90	100 - Pipe Coil
825171110	110	100 - Pipe Coil
825171125	125	100 - Pipe Coil
825171160	160	12 - Pipe Length
825171200	200	12 - Pipe Length
825171250	250	12 - Pipe Length
825171315	315	12 - Pipe Length
825171355	355	12 - Pipe Length
825171400	400	12 - Pipe Length
825171450	450	12 - Pipe Length
825171500	500	12 - Pipe Length
825171560	560	12 - Pipe Length
825171630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 6)
SDR 21



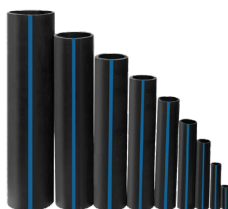
Code	Size (mm)	Packing (m)
825211032	32	150 - Pipe Coil
825211040	40	100 - Pipe Coil
825211050	50	100 - Pipe Coil
825211063	63	100 - Pipe Coil
825211075	75	100 - Pipe Coil
825211090	90	100 - Pipe Coil
825211110	110	100 - Pipe Coil
825211125	125	100 - Pipe Coil
825211160	160	12 - Pipe Length
825211200	200	12 - Pipe Length
825211250	250	12 - Pipe Length
825211315	315	12 - Pipe Length
825211355	355	12 - Pipe Length
825211400	400	12 - Pipe Length
825211450	450	12 - Pipe Length
825211500	500	12 - Pipe Length
825211560	560	12 - Pipe Length
825211630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 10)
SDR 17



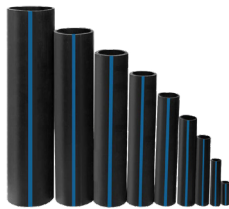
Code	Size (mm)	Packing (m)
825172025	25	200 - Pipe Coil
825172032	32	150 - Pipe Coil
825172040	40	100 - Pipe Coil
825172050	50	100 - Pipe Coil
825174063	63	100 - Pipe Coil
825174075	75	100 - Pipe Coil
825174090	90	100 - Pipe Coil
825174110	110	100 - Pipe Coil
825174125	125	100 - Pipe Coil
825172160	160	12 - Pipe Length
825172200	200	12 - Pipe Length
825172250	250	12 - Pipe Length
825172315	315	12 - Pipe Length
825172355	355	12 - Pipe Length
825172400	400	12 - Pipe Length
825172450	450	12 - Pipe Length
825172500	500	12 - Pipe Length
825172560	560	12 - Pipe Length
825172630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 8)
SDR 21



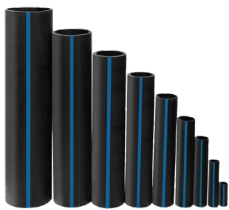
Code	Size (mm)	Packing (m)
825212032	32	150 - Pipe Coil
825212040	40	100 - Pipe Coil
825212050	50	100 - Pipe Coil
825212063	63	100 - Pipe Coil
825212075	75	100 - Pipe Coil
825212090	90	100 - Pipe Coil
825212110	110	100 - Pipe Coil
825212125	125	100 - Pipe Coil
825212160	160	12 - Pipe Length
825212200	200	12 - Pipe Length
825212250	250	12 - Pipe Length
825212315	315	12 - Pipe Length
825212355	355	12 - Pipe Length
825212400	400	12 - Pipe Length
825212450	450	12 - Pipe Length
825212500	500	12 - Pipe Length
825212560	560	12 - Pipe Length
825212630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 5)
SDR 26



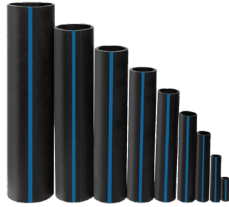
Code	Size (mm)	Packing (m)
825261040	40	6 - Pipe Length
825261050	50	6 - Pipe Length
825261063	63	6 - Pipe Length
825261075	75	6 - Pipe Length
825261090	90	6 - Pipe Length
825261110	110	6 - Pipe Length
825261125	125	6 - Pipe Length
825261160	160	12 - Pipe Length
825261200	200	12 - Pipe Length
825261250	250	12 - Pipe Length
825261315	315	12 - Pipe Length
825261355	355	12 - Pipe Length
825261400	400	12 - Pipe Length
825261450	450	12 - Pipe Length
825261500	500	12 - Pipe Length
825261560	560	12 - Pipe Length
825261630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 6)
SDR 26



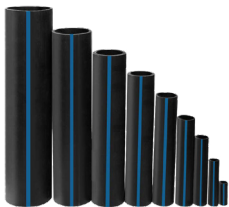
Code	Size (mm)	Packing (m)
825262040	40	6 - Pipe Length
825262050	50	6 - Pipe Length
825262063	63	6 - Pipe Length
825262075	75	6 - Pipe Length
825262090	90	6 - Pipe Length
825262110	110	6 - Pipe Length
825262125	125	6 - Pipe Length
825262160	160	12 - Pipe Length
825262200	200	12 - Pipe Length
825262250	250	12 - Pipe Length
825262315	315	12 - Pipe Length
825262355	355	12 - Pipe Length
825262400	400	12 - Pipe Length
825262450	450	12 - Pipe Length
825262500	500	12 - Pipe Length
825262560	560	12 - Pipe Length
825262630	630	12 - Pipe Length

HDPE Pipe
(PE 80 & PN 4)
SDR 33



Code	Size (mm)	Packing (m)
825331050	50	6 - Pipe Length
825331063	63	6 - Pipe Length
825331075	75	6 - Pipe Length
825331090	90	6 - Pipe Length
825331110	110	6 - Pipe Length
825331125	125	6 - Pipe Length
825331160	160	12 - Pipe Length
825331200	200	12 - Pipe Length
825331250	250	12 - Pipe Length
825331315	315	12 - Pipe Length
825331355	355	12 - Pipe Length
825331400	400	12 - Pipe Length
825331450	450	12 - Pipe Length
825331500	500	12 - Pipe Length
825331560	560	12 - Pipe Length
825331630	630	12 - Pipe Length

HDPE Pipe
(PE 100 & PN 5)
SDR 33



Code	Size (mm)	Packing (m)
825332050	50	6 - Pipe Length
825332063	63	6 - Pipe Length
825332075	75	6 - Pipe Length
825332090	90	6 - Pipe Length
825332110	110	6 - Pipe Length
825332125	125	6 - Pipe Length
825332160	160	12 - Pipe Length
825332200	200	12 - Pipe Length
825332250	250	12 - Pipe Length
825332315	315	12 - Pipe Length
825332355	355	12 - Pipe Length
825332400	400	12 - Pipe Length
825332450	450	12 - Pipe Length
825332500	500	12 - Pipe Length
825332560	560	12 - Pipe Length
825332630	630	12 - Pipe Length



DINA POLYMER

HDPE Irrigation Pipes & Fittings

Factory Name	Dina Polymer Safahan	
Background	Since 2006	
Brand	DINAPOLYMER	DINA POLYMER
Products	Irrigation PE Pipes & Fittings	
Production Lines No	3	
Annual Production Capacity	50/000/000 meters	
Models	Dripper & Non- Dripper	
Warranty	10 Years	

Product Details

Technical Specifications

Drip Irrigation Pipes

DN (mm)	16	20
Pressure Rating (bar)	4	4
Packing Size (m)	400	200
Average Water Flow (L/h)	2 & 4	2 & 4
Drippers Distance (cm)	20	20

Technical Specifications

Plain (Non- Dripper) Pipes

DN (mm)	16			20		
Pressure Rating (bar)	4	5	6	4	5	6
Packing Size (m)	100 & 400			200		

Advantages

- Large flow cross-section
- Excellent resistance to pore clogging
- Cleaner filter due to higher water flow velocity
- UV resistant
- Resistant to corrosion from chemicals and common fertilizers
- High irrigation efficiency of about 90%, with reduced losses in irrigation systems
- No runoff or mud, preserving the beauty of the urban landscape
- Protection of valuable herb species through safe irrigation systems

Applications

- Irrigation of garden green spaces
- Irrigation of green roofs and landscaped areas
- Irrigation of urban green spaces



Drip Irrigation
LDPE Pipe
(2 Ltr.)



Code	Size (mm)	Drip Distance (cm)	Packing (m)
825952020	16	20	400 - Pipe Coil
825952030	16	30	400 - Pipe Coil
825952040	16	40	400 - Pipe Coil
825952050	16	50	400 - Pipe Coil
825952075	16	75	400 - Pipe Coil
825952100	16	100	400 - Pipe Coil
825952125	16	125	400 - Pipe Coil
825952200	16	200	400 - Pipe Coil
825932065	20	65	200 - Pipe Coil
825932075	20	75	200 - Pipe Coil

Drip Irrigation
LDPE Pipe
(4 Ltr.)



Code	Size (mm)	Drip Distance (cm)	Packing (m)
825954020	16	20	400 - Pipe Coil
825954030	16	30	400 - Pipe Coil
825954040	16	40	400 - Pipe Coil
825954050	16	50	400 - Pipe Coil
825954075	16	75	400 - Pipe Coil
825954100	16	100	400 - Pipe Coil
825954125	16	125	400 - Pipe Coil
825954200	16	200	400 - Pipe Coil
825934065	20	65	200 - Pipe Coil
825934075	20	75	200 - Pipe Coil

Irrigation Pipe -
LDPE 40



Code	Size (mm)	PN (atm)	thickness (mm)	Packing (m)
825164100	16	4	1	100 - Pipe Coil
825164400	16	4	1	400 - Pipe Coil
825165100	16	5	1.2	100 - Pipe Coil
825165400	16	5	1.2	400 - Pipe Coil
825166100	16	6	1.5	100 - Pipe Coil
825166400	16	6	1.5	400 - Pipe Coil

Clip



Code	Size (mm)	Packing (Pcs in Carton)
855441102	16	100

Elbow



Code	Size (mm)	Packing (Pcs in Carton)
855441106	16	100

MT Elbow



Code	Size (mm-in)	Packing (Pcs in Carton)
855441110	16 x 1/2"	100

Connector



Code	Size (mm)	Packing (Pcs in Carton)
855441114	16	100

Tee



Code	Size (mm)	Packing (Pcs in Carton)
855441118	16	100

MT Tee



Code	Size (mm-in)	Packing (Pcs in Carton)
855441122	16 x 1/2" x 16	100

End-Cap



Code	Size (mm)	Packing (Pcs in Carton)
855441126	16	100



SGP Tools

Plumbing Tools

Factory Name	Badee' Gostaran Sepahan	
Background	Since 1998	
Brand	SGP	SGP
Products	Plumbing Tools (including Hydraulic Press, Welding, Bending & Chamfering ones)	
Objective	Providing technical services to facilitate the installation of the products manufactured by the Group	
Warranty	12 Months	

■ Five-Layer Pipe Hydraulic Press

This hydraulic press tool is designed for installing press fittings ranging from 16 mm to 63 mm. It has an operating lifespan of up to 10,000 press cycles, after which it must be returned to the company's authorized service center for maintenance. The tool is covered by a warranty of one year or 10,000 press cycles, whichever comes first.

Driving Force	Battery Charging Time	Pressing Time	Press Performance	Sound Level	Vibration Total Value	Battery Voltage
Max 34 kN	1h	4 to 11 seconds depending on the ring size	About 150 Presses per charge	75 DB at distance of one meter	2.5 m/s ²	12 V



■ Fusion Welding Set Box

To facilitate plumbing with single- and three-layer PP-RCT pipes, a welding tool along with its accessories is provided in a compact box for easy transportation. The set is supplied to customers with a one-year warranty.

The box includes a welding machine, heating element plate, stand, measuring tape, pipe cutter, die wrench, and welding dies ranging from 20 to 40 mm.



■ Fusion Welding Tools

These devices are available individually with a one-year warranty and can be used for plumbing both large-diameter PP-RCT pipes (from 63 to 125 mm) and smaller sizes (20 to 50 mm).



■ Five-Layer Pipe Press Jaw Set

This set includes four jaw sizes (16, 20, 25, and 32 mm) specifically designed for pressing five-layer pipes (NewPipe), and is supplied together with the SGP-brand hydraulic press. The product comes with a one-year warranty. Additionally, individual jaws and dies in sizes 16, 20, 25, and 32 mm, as well as jaws in sizes 40, 50, and 63 mm, are also available for purchase separately.



■ Five-Layer Pipe Bending Tool

To facilitate pipe bending and prevent damage to the aluminum layer of five-layer pipes, this pipe bender is designed for precise bending in four sizes: 16, 20, 25, and 32 mm - up to 90 degrees. It is backed by a one-year warranty.



■ Pressure Test Gauge Kit

This device is used to facilitate the pipe pressure testing process and to ensure proper and standard plumbing for push-fit Polypropylene pipes in sizes ranging from 110 to 160 mm.

It is provided with a one-year warranty. The kit is offered as a complete set in a polymer case, including two stoppers, a spare rubber gasket, and a manual pump - all covered under the same one-year warranty.



■ PEX Pipe Tool Box

The tools required for installing five-layer PEX pipes include: three pipe bending springs (in sizes 16, 20, and 25 mm), a 32 mm calibrator, star-type PEX calibrators (in sizes 16, 20, and 25 mm), a pipe cutter, and a measuring tape - all neatly packed in one tool box.



■ Pipe Stapler

To speed up the piping installation and improve the quality of the implementation procedures during the setup of underfloor heating systems using five-layer pipes, this device has been produced and is now available on the market, with a one-year warranty.

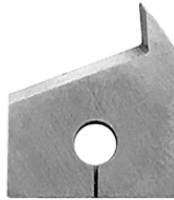


Welding
Machine Die



Code	Size (mm)
807341020	20
807341025	25
807341032	32
807341040	40
807341050	50
807341063	63
807341075	75
807341090	90
807341110	110
807341125	125

Pipe Cutter
Blade



Code
807341128

Fusion
Welding
Set Box



Code
807341131

Fusion
Welding tool



Code	Size (mm)
807341134	20 - 50
807341143	63 - 110

Element Plate
(Fusion Welding
Machine)



Code	Size (mm)
807341137	20 - 50
807341138	63 - 110

Fusion Welding
Machine
Thermostat



Code
807341141

Fusion Welding
Machine Rubber
Handle



Code
807341149

Pipe Cutter



Code	Size (mm)
807341158	16 - 32

Five-Layer Pipe
Bending Spring



Code	Size (mm)
807341179	16
807341182	20
807341185	25
807341188	32

New Calibrator



Code	Size (mm)
807341191	16
807341194	20
807341197	25
807341200	32

Calibrator



Code	Size (mm)
807341203	40
807341206	50
807341209	63

Calibrator



Code	Size (mm)
807341212	16 - 20 - 25

Pex Pipe Tool Box



Code
807341221

Press Machine Charger



Code	Power Supply
807341227	12 V

Press Machine Battery



Code	Specifications
807341230	12 V/ 2-3 Ampers

Hydraulic
Press Machine



Code
807341233

Hydraulic
Press Die



Code	Size (mm)
807341236	40
807341239	50
807341242	63
807341245	75

Press Jaw
Set Box



Code	Size (mm)
807341254	16 - 32

Hydraulic
Press Jaw



Code	Size (mm)
807341257	16
807341260	20
807341263	25
807341266	32
807341248	40 - 50
807341251	63

Pex Pipe
Bending Tool



Code	Size (mm)
807341269	16 - 20 - 25 - 32

Pipe Bending Die



Code	Size (mm)
807341272	16
807341275	20
807341278	25
807341281	32

Pipe Stapler



Code
807341284

Pipe Decoiler



Code
807341296

Pipe Cutting & Chamfering Tool (with Die)



Code	Size (mm)
807341299	125

Pipe Cutting-Chamfering Die



Code	Size (mm)
807341302	50
807341305	63
807341308	75
807341311	90
807341314	110

Pressure Test Pump Set Box



Code	Size (mm)
807341317	110 - 125 - 160

Pressure Test Gauge Kit



Code	Size (mm)
807341320	110 - 125 - 160

Manual Pipe Pressure Test Pump



Code	Maximum Test Pressure
807341321	16 bar

Test Tool Spare Rubber



Code	Size (mm)
807341323	110 - 125 - 160

Manifold Valve Adjustment Wrench



Code
807341338

Flat Wrench for Union Nuts & Coupling Nuts



Code	Size (mm-in)
807341339	1/2" - 3/4", 16 - 20 mm


PE Pipe Welding Machine



Code	Size (mm)
-	63 - 200



Hermetic Combi Boilers

Factory Name	Hamgam Taban Asia	
Background	Since 2016	
Brand	Hamgam	
Products	Hermetic Wall Hang Combi Boilers	
Power Ratings	24, 28, and 32 KW	
Models	Istanbul & Star	
Cooperating Companies	Tesy (Bulgarian) & EMKO (Turkish)	
Warranty	36 Months	

Hermetic Combi Boiler (Istanbul)

Code	Power (KW)
873132067	24
873132072	28
873132077	32

Product Details

Technical Specifications

		Istanbul 24 KW	Istanbul 28 KW	Istanbul 32 KW
Maximum Nominal Heat Input (Qn)	KW	25.6	29.6	33.9
Minimum Nominal Heat Input (Qm)	KW	9.5	11.1	11.5
Maximum Thermal Output (Pn)	KW	23.5	27.1	31.3
Minimum Thermal Output (Pm)	KW	8.5	10	10.2
Nominal Efficiency	%	92.5	92.3	92.4
Efficiency Class at 100% Power (according to EEC 92/42)	Category	***	***	***
Degree of Ingress Protection	IP	X4D	X4D	X4D
Nox Class	Class	2	2	2
Gas Category	-	G20		
Allowed Installation Type	-	B22 - C12 - C32 - C42		
Temperature Range of the Heating System	Underfloor Heating	35 - 80	35 - 80	35 - 80
	Radiator	25 - 50	25 - 50	25 - 50
Heating System Min & Max Pressure	bar	0.5 - 3	0.5 - 3	0.5 - 3
Expansion Vessel Volume	Lit	6	7	7
Sanitary Water Min & Max Pressure	bar	0.3 - 6	0.3 - 6	0.3 - 6
Sanitary Water Minimum Flow	L.min	3	3	3
Sanitary water Temperature Adjustment Range	°C	35 - 60	35 - 60	35 - 60
Hot Water Flow at $\Delta t = 30^{\circ}\text{C}$	L.min	10	12.2	14.8
Dimensions (Width, Depth, Height)	mm	404X330X712	404X330X712	404X330X712
Weight	kg	28	33	34
Dimensions of Coaxial Chimney Pipes	mm	100x60	100x60	100x60
Heating System Input and Output connections	Ø	3/4" - 3/4"	3/4" - 3/4"	3/4" - 3/4"
Sanitary Water Input and Output connections	Ø	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"
Gas Inlet Connection	Ø	3/4"	3/4"	3/4"
Voltage and Frequency of Electricity	V/Hz	~230/50	~230/50	~230/50
Maximum Power Consumption	w	125	135	140

Device Equipment Properties

- Top quality Italian fan (FIME)
- Original best quality heat exchanger made in Italy (Valmex)
- Top quality burner made in Italy (Polidoro)
- Top quality electric three-way Italian valve (Elbi/Bitron)
- Best quality brass hydro block complete kit made in Turkey (Arcell/Pakkense)
- Top quality European water circulation pump (Grundfos)
- Quality European plate heat exchanger (ZILMET/SWEP)
- Remote control and electronic board made in Italy/ Turkey (NORDGAS/ENPI)

Features

- The 24 KW combi boilers have a B rating in energy consumption, the highest rating for non - condensing boilers
- Compact dimensions of 330 x 710 x 400 (mm) in all hermetic sizes
- Anti-freeze function for both sanitary hot water and heating systems circuits
- Protection system against pump and three - way valve gripage
- Armed with a safety approach for toxic fume exhaust (caused by combustion) through a microprocessor control system
- Protection against heating circuit blocking (automatic bypass)
- 93% efficiency
- Capability of being connected to a room thermostat





 **Hamgam** **Taban Asia**

Hermetic Combi Boiler (Star)

Code	Power (KW)
873134082	24
873134087	28
873134092	32

Product Details

Technical Specifications

		Star 24 KW	Star 28 KW	Star 32 KW
Maximum Nominal Heat Input (Qn)	KW	25.6	29.6	33.9
Minimum Nominal Heat Input (Qm)	KW	9.5	11.1	11.5
Maximum Thermal Output (Pn)	KW	23.5	27.1	31.3
Minimum Thermal Output (Pm)	KW	8.5	10	10.2
Nominal Efficiency	%	92.5	92.3	92.4
Efficiency Class at 100% Power (according to EEC 92/42)	Category	***	***	***
Degree of Ingress Protection	IP	X4D	X4D	X4D
Nox Class	Class	2	2	2
Gas Category	-	G20		
Allowed Installation Type	-	B22 - C12 - C32 - C42		
Temperature Range of the Heating System	Underfloor Heating	35 - 80	35 - 80	35 - 80
	Radiator	25 - 50	25 - 50	25 - 50
Heating System Min & Max Pressure	bar	0.5 - 3	0.5 - 3	0.5 - 3
Expansion Vessel Volume	Lit	6	7	7
Sanitary Water Min & Max Pressure	bar	0.3 - 6	0.3 - 6	0.3 - 6
Sanitary Water Minimum Flow	L.min	3	3	3
Sanitary water Temperature Adjustment Range	°C	35 - 60	35 - 60	35 - 60
Hot Water Flow at $\Delta t = 30^{\circ}\text{C}$	L.min	10	12.2	14.8
Dimensions (Width, Depth, Height)	mm	404X330X712	404X330X712	404X330X712
Weight	kg	28	33	34
Dimensions of Coaxial Chimney Pipes	mm	100×60	100×60	100×60
Heating System Input and Output connections	Ø	3/4" - 3/4"	3/4" - 3/4"	3/4" - 3/4"
Sanitary Water Input and Output connections	Ø	1/2" - 1/2"	1/2" - 1/2"	1/2" - 1/2"
Gas Inlet Connection	Ø	3/4"	3/4"	3/4"
Voltage and Frequency of Electricity	V/Hz	~230/50	~230/50	~230/50
Maximum Power Consumption	w	125	135	140

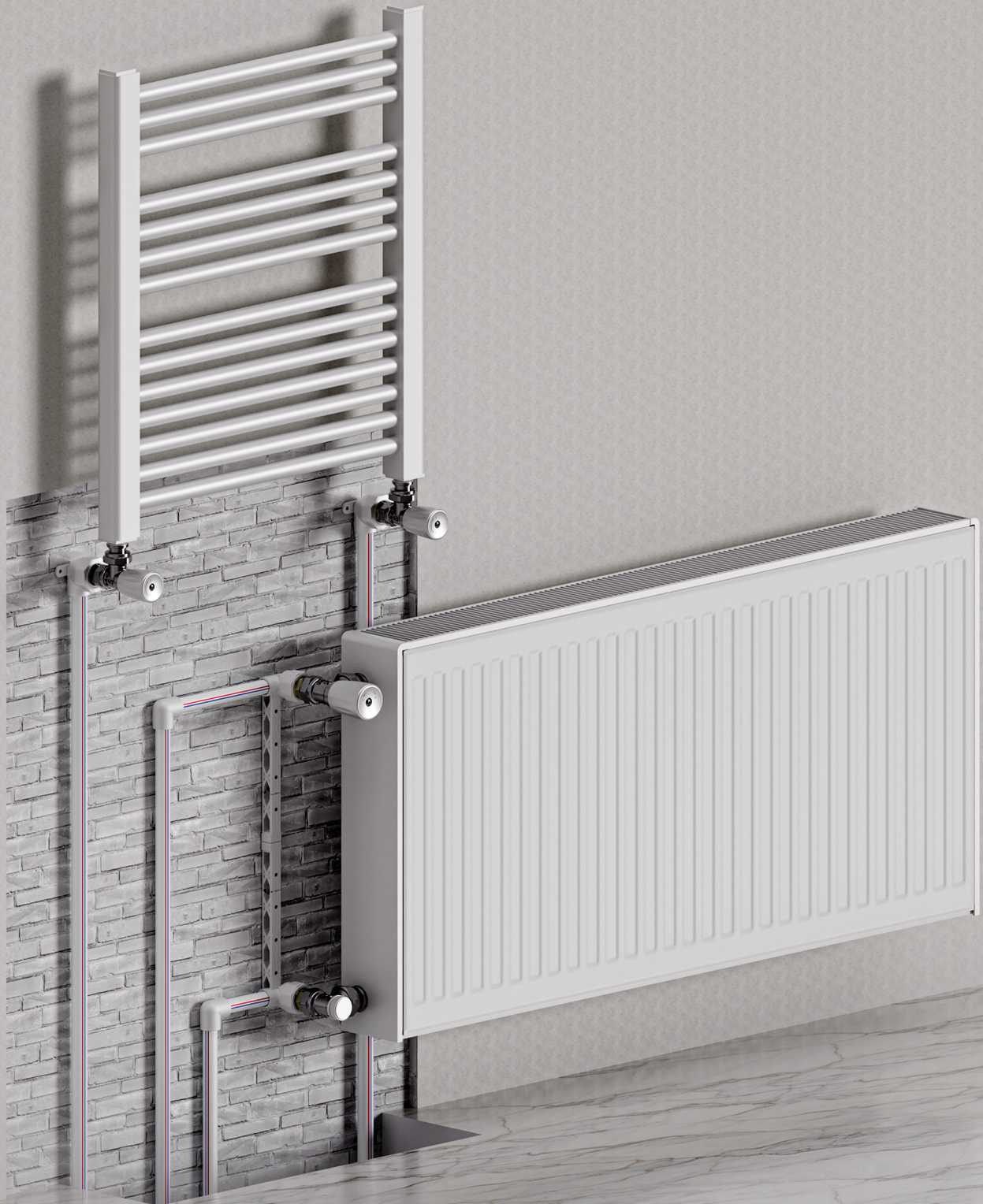
Device Equipment Properties

- Top quality Iranian fan (Hamgam/ Damandeh)
- Original best quality heat exchanger made in Iran (PARS)
- Top quality burner made in Iran (BAS)
- High quality electric three-way Chinese valve (Chunhui)
- Best quality polymeric hydro block complete kit made in Turkey (Arcell/ Pakkense)
- High quality Chinese / Turkish gas valve (BDR / XIT)
- Top quality European water circulation pump (DUCA/ Shinho)
- High quality European plate heat exchanger (HRALE)
- Remote control and electronic board made in China (VANWARD)

Features


- Compact dimensions of 330 x 710 x 400 (mm) in all hermetic sizes
- have a B rating in energy consumption, the highest rating for non-condensing boilers
- Anti-freeze function for both sanitary hot water and heating systems circuits
- Protection system against pump and three-way valve gripage
- Armed with a safety approach for toxic fume exhaust (caused by combustion) through a microprocessor control system
- Protection against heating circuit blocking (atomic bypass)
- 90% efficiency
- Capability of being connected to a room thermostat





SGP Radiators

Steel Panel Radiators
Aluminium Towel Radiators

Factory Name	Hamgam Taban Asia & Palmo	
Background	Since 2024	
Brand	SGP	
Products	Steel Panel Radiators & Aluminum Towel Radiators	
Warranty	120 Months (Panel Radiators)	
Sales Support	120 Months (Panel Radiators) - 60 Months (Towel Radiators)	

Product Details

■ Technical Specifications - Steel Panel Radiator

Brand	Thermal Power	Sheet Thickness	Installation Kit	Warranty
SGP	1910 K Cal Per Hour	1.1 mm	Metal	120 Months



■ Features

- 50 cm height with available lengths: 60, 80, 100, 129, 140, and 160 cm
- Leakage tested (half panel and full block) up to 12 bar
- Fewer air venting requirements compared to aluminium radiators
- Phosphate coating and corrosion-resistant static polyester powder coating applied by robotic systems
- Fully compatible with copper heat exchangers in heating systems (especially in homes with combi boilers)

■ Technical Specifications - SGP Aluminium Towel Radiator

Water Capacity (Lit)		3.4
Tube Diameter (mm)		24
Thickness (mm)		1
Thermal Output ($\Delta t = 60^{\circ}\text{C}$)	W	885
	Kcal / hr	765
Weight (Kg)		2
Dimensions (cm)	Height	60
	Width	50
Number of Tubes		14
Tube Arrangement		7/4/3
Color		Electrostatic White
Accessories		Polymer Bracket + Metal End Cap

■ Features

- Italian technology
- High durability and long service life
- Corrosion resistant
- High thermal output
- Fast and uniform heat distribution
- Leak-free thanks to brazing technology
- High-quality electrostatic powder coating with long-lasting finish
- Easy and quick installation
- Compatible with all types of heating systems



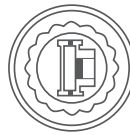
SGP Steel Panel Radiator



120 - Month
Leakage Warranty



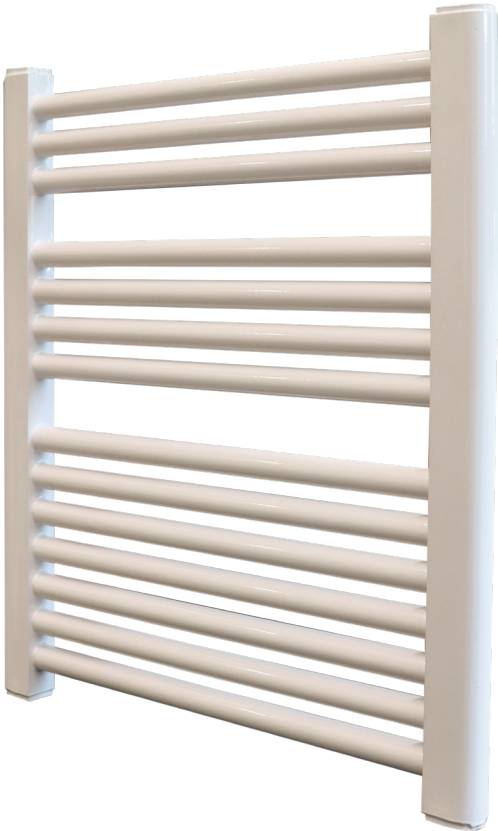
120 - Month
After-Sales Support



Includes Brass
Fitting Kit

Code	Length (cm)
873154060	60
873154080	80
873154100	100
873154120	120
873154140	140
873154160	160

SGP Aluminum Towel Radiator



Months After-Sales Support

Code	Dimensions (cm)	Number of Tubes
873154020	60 x 50	14



SEPEHR FOAM Thermal Insulations

Factory Name	Sepehr Polymer Espadana	
Background	Since 2006	
Brand	SEPEHR FOAM	SEPEHR FOAM
Products	Various Thermal Insulations and Polyethylene Foams (including EPE, XPE & Anti UV ones)	
Annual Production Capacity	10/000 Tons	
Applications	Construction, Automotive, Sport, Gas & Petrochemicals, Packaging, Home Appliances, ...	
Warranty	10 Years	

Product Details

■ Polyethylene EPE Foams

EPE foams are manufactured in sheet form with thicknesses ranging from 0.5 mm to 35 mm, and in mat form with thicknesses from 40 mm to 120 mm. These thermal insulators can be laminated with various materials such as aluminum foil, metallized coatings, polymer films, and PVC, depending on the application. The product is also available in pipe form, with diameters ranging from 16 mm to 63 mm, offering excellent insulation for piping systems.

EPE Foam Technical Specifications	
Density (ASTM D3575-W)	25 Kg/m ³
Compression Set (ASTM D3575-B)	29 %
Thermal Conductivity Coefficient (ASTM C335)	0.035 W/mK
Water Absorption (ASTM D3575-L)	0.107 Kg/m ²
Tensile Strength (ASTM D412)	0.2 MPa
Elongation at Break (ASTM D412)	75 %
Thermal Tolerance	70°C

■ Anti UV Coated Foams

Anti UV Coated foams are optimized insulations with a special coating that provide resistance to any kind of damage. These insulations are available in tubular form and are equipped with various coatings, either plain or in different colors. Typical applications of these foams are:

- Cold and hot sanitary water plumbing systems
- Heating and Cooling piping systems
- Copper pipes for split air conditioning systems

■ Cross-linked Polyethylene (XPE) Foams

This type of insulation is manufactured by forming a three-dimensional structure through a thermal cross-linking (baking) process. It is available in:

- Roll form, with thicknesses ranging from 3 mm to 35 mm
- Mattress form, with thicknesses from 40 mm to 120 mm, and densities between 30 and 200 kg/m³
- Pipe form, in thicknesses of 10 mm to 25 mm and inner diameters ranging from 16 mm to 125 mm

These insulations can be laminated with various materials such as aluminum foil, metallized coatings, polymer films, and PVC, depending on application requirements.

XPE Foam Technical Specifications	
Density (ASTM D3575-W)	30 - 200 Kg/m ³
Compression Set (ASTM D3575-B)	< 20%
Thermal Conductivity Coefficient (ASTM C335)	0.033 W/m.K
Water Absorption (ASTM D3575-L)	0.03 Kg/m ²
Tensile Strength (ASTM D412)	0.3 MPa
Elongation at Break (ASTM D412)	110 %
Thermal Tolerance	90°C
Flammability (DIN4102)	Class B2
Water Vapor Permeability	0.003 mg/hmpa
Water Vapor Resistance Coefficient	6.788 mm ² pa/mg
Water Vapor Permeability Coefficient	0.169 mg/hm ² pa
Water Transmission Rate	204.26 mg/hm ²



EPE Pipe
Foam



Code	Size (mm)	Packing (m in Bundle)	Color
879371012	12	100	White
879371016	16	100	White
879371020	20	100	White
879371025	25	100	White
879371032	32	100	White
879371040	40	50	White
879371050	50	50	White
879371063	63	50	White
879372016	16	100	Blue
879372020	20	100	Blue
879373016	16	100	Red
879373020	20	100	Red

Flame
Retardant
Anti - UV
Pipe Foam



Code	Size (mm)	Thickness (mm)	Packing (m in Bundle)	Type
879530916	16	9	150	Anti - UV Laminate
879530920	20	9	150	Anti - UV Laminate
879530925	25	9	100	Anti - UV Laminate
879530932	32	9	100	Anti - UV Laminate
879530940	40	9	50	Anti - UV Laminate
879530950	50	9	50	Anti - UV Laminate
879530963	63	9	50	Anti - UV Laminate

SPFLEX
Pipe Foam
Thickness:
5mm



Code	Size (mm)	Packing (m in Bundle)	Type
879434531	20	100	plain

SPFLEX
Pipe Foam
Thickness:
10mm



Code	Size (mm)	Packing (m in Bundle)	Type
879434686	16	100	Aluminum Laminate
879434691	20	100	Aluminum Laminate
879434696	25	100	Aluminum Laminate
879434701	32	100	Aluminum Laminate
879434706	40	50	Aluminum Laminate
879434711	50	50	Aluminum Laminate
879434716	63	50	Aluminum Laminate
879434721	75	50	Aluminum Laminate
879434726	90	50	Aluminum Laminate
879434731	110	50	Aluminum Laminate
879434836	16	100	Metallized
879434841	20	100	Metallized
879434846	25	100	Metallized
879434851	32	100	Metallized
879434856	40	50	Metallized
879434861	50	50	Metallized
879434866	63	50	Metallized
879434871	75	50	Metallized
879434876	90	50	Metallized
879434881	110	50	Metallized

SPFLEX
Pipe Foam
Thickness:
13mm



Code	Size (mm)	Packing (m in Bundle)	Type
879434736	16	100	Aluminum Laminate
879434741	20	100	Aluminum Laminate
879434746	25	100	Aluminum Laminate
879434751	32	100	Aluminum Laminate
879434756	40	50	Aluminum Laminate
879434761	50	50	Aluminum Laminate
879434766	63	50	Aluminum Laminate
879434771	75	50	Aluminum Laminate
879434776	90	50	Aluminum Laminate
879434781	110	50	Aluminum Laminate
879434886	16	100	Metallized
879434891	20	100	Metallized
879434896	25	100	Metallized
879434901	32	100	Metallized
879434906	40	50	Metallized
879434911	50	50	Metallized
879434916	63	50	Metallized
879434921	75	50	Metallized
879434926	90	50	Metallized
879434931	110	50	Metallized

SPFLEX
Pipe Foam
Thickness:
20mm



Code	Size (mm)	Packing (m in Bundle)	Type
879434786	16	100	Aluminum Laminate
879434791	20	100	Aluminum Laminate
879434796	25	100	Aluminum Laminate
879434801	32	100	Aluminum Laminate
879434806	40	50	Aluminum Laminate
879434811	50	50	Aluminum Laminate
879434816	63	50	Aluminum Laminate
879434821	75	50	Aluminum Laminate
879434826	90	50	Aluminum Laminate
879434831	110	50	Aluminum Laminate
879434936	16	100	Metallized
879434941	20	100	Metallized
879434946	25	100	Metallized
879434951	32	100	Metallized
879434956	40	50	Metallized
879434961	50	50	Metallized
879434966	63	50	Metallized
879434971	75	50	Metallized
879434976	90	50	Metallized
879434981	110	50	Metallized

XPE Foam
Roll



Code	Thickness (mm)	Packing (m in Roll)	Width (m)	Type
879475246	10	50	1	Plain
879475336	20	25	1	Plain
879475396	30	25	1	Plain

Coated XPE
Foam
Roll



Code	Thickness (mm)	Packing (m in Roll)	Width (m)	Type
879475506	10	50	1	Metallized
879475511	10	50	1	Aluminum Laminate
879475526	20	25	1	Metallized
879475531	20	25	1	Aluminum Laminate
879475546	30	25	1	Metallized
879475551	30	25	1	Aluminum Laminate

XPE Foam
(Rebound)



Code	Thickness (mm)	Dimensions (m)
879516001	10	1 x 1
879516006	20	1 x 1
879516011	30	1 x 1
879516016	40	1 x 1
879516021	50	1 x 1



BATIS

Gypsum boards and Ceiling Tiles

Factory Name	Behin Sazan Noandish Sepahan	
Background	Since 2012	
Brand	BATIS	BATIS
Products	Gypsum Boards, Ceiling Tiles & Steel Structures	
Factory Location	Garmsar Industrial Zone	
Annual Production Capacity	20/000/000 m ² (Gypsum Boards)	

Gypsum Boards

These boards consist of a gypsum core with their surfaces and longitudinal edges covered by a strong, specialized paper. They are commonly used in dry construction systems, such as partition walls, wall linings, and suspended ceilings.

■ Technical Specifications

- Available in two types: Regular (RG) and Moisture - Resistant (MR)
- Dimensions: 2400 × 1200 mm
- Thicknesses: 9.5 mm and 12.5 mm
- Manufactured in compliance with international standard EN520

■ Features

- Quick and easy installation
- Thermal, acoustic, and moisture insulation
- Lightweight construction material for building weight reduction
- Can be painted or wallpapered immediately after installation

■ Applications

- Suspended (dropped) ceilings
- Interior partition walls
- Prefabricated buildings
- Alternative to traditional whitewashing

Light Steel Frames and Structures

Structures play a crucial role in the strength and durability of integrated ceilings, partition walls, and suspended ceilings. Batis structures are manufactured from light galvanized steel sheets with F, L, U, C, and T - shaped sections through a cold rolling process, using the highest quality galvanized sheets available in the country.

Ceiling Tiles

Patterned gypsum ceiling tiles are used in modular (removable), concealed, and decorative ceiling systems. These PVC-coated tiles are available in seven different designs and in two types: plain - backed and aluminium - backed. The aluminium-backed tiles are specifically designed for areas where condensation or moisture may drip behind the tile - such as locations with overhead utility pipes or high - humidity environments like swimming pools.

■ Technical Specifications

- Dimensions: 600 × 600 mm
- Thickness: 7.5 mm

■ Features

- Quick and easy installation
- Attractive appearance
- Easy access to utility space
- No painting required
- Easy maintenance and repair



Batis Gypsum Boards

Gypsum Board
RG - AK



Code	Dimensions (m)	Thickness (mm)	Board Size (m ²)	Boards per Pallet
801121101	1.20 x 2.40	9.5	2.88	120
801121105	1.20 x 2.40	12.5	2.88	90

Gypsum Board
MR - AK



Code	Dimensions (m)	Thickness (mm)	Board Size (m ²)	Boards per Pallet
801121110	1.20 x 2.40	12.5	2.88	90

Batis Gypsum Boards are Produced in two forms: Straight edge (VK) and chamfered edge (AK)

Batis Steel Structures

Integrated Ceiling
Profile
Type L 25



Code	Thickness (mm)	Length (mm)	Width (mm)	Height (mm)	Packing 1 (Pcs in Pack)	Packing 2 (Pcs in Pack)
801162550	0.5	4000	25	25	20	48
801162560	0.6	4000	25	25	20	48

Integrated Ceiling
Profile
Type U 36



Code	Thickness (mm)	Length (mm)	Width (mm)	Height (mm)	Packing 1 (Pcs in Pack)	Packing 2 (Pcs in Pack)
801163650	0.5	4000	36	17	20	24
801163660	0.6	4000	36	17	20	24

Batis Steel Structures

Integrated Ceiling
Profile
Type F 47



Code	Thickness (mm)	Length (mm)	Width (mm)	Height (mm)	Packing 1 (Pcs in Pack)	Packing 2 (Pcs in Pack)
801164750	0.5	4000	47	17.5	20	21
801164760	0.6	4000	47	17.5	20	21

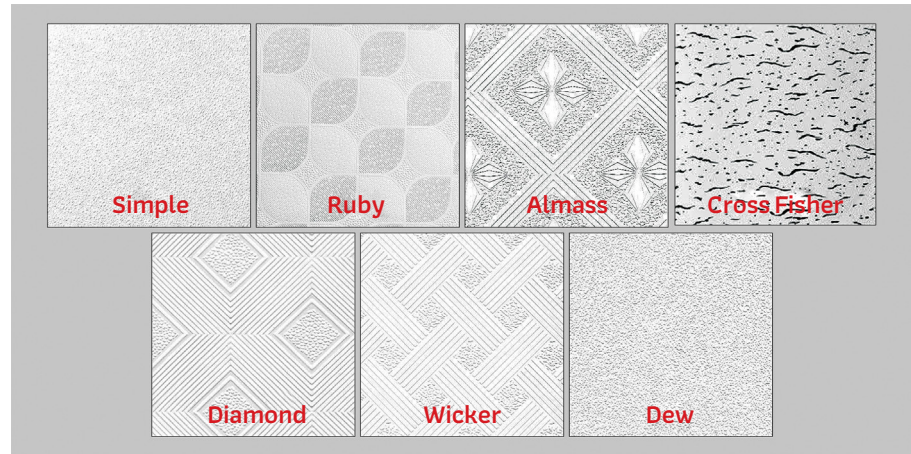
Drywall Screw



Code	Dimensions (mm)
203733112	TN 3.5 x 25

Batis Ceiling Tiles

Batis Patterned PVC
Coated
Gypsum Tiles



Code	Design Name	Dimensions (cm)	thickness (mm)	Size (m ²)	Pcs per Pallet
-	Simple (154)	60 x 60	7.5	3.6	520
	Wicker (996)				
	Ruby (238)				
	Almass (239)				
	Cross Fisher (631)				
	Diamond (567)				
	Dew (975)				

NEW PIPE

AZIN PIPE

AZIN⁺

NEW FLEX

SGP

BATIS

SEPEHR FOAM

 Hamgam

DINA POLYMER

MULTIPIPE