



ABLOOLEH BASPAR_{CO.LTD}

MANUFACTURING POLYETHELENE PIPE FITTINGS





About us

The “**Ab Looleh Baspar**” company is a manufacturer of polyethylene pipe fittings used in the water and irrigation industry, water supply, sewage and industrial fluids. With its diverse products in the field of producing various types of fittings, this company has created a complete portfolio to offer to its valued customers in the above fields based on national and international standards. With the passage of time and the advancement of technology, human needs for the transfer of fluids (such as water, gas and sewage) increased, and traditional methods such as digging wells and open channels no longer met these needs. For this reason, pipes and fittings were introduced as modern and efficient alternatives. Polyethylene pipe fittings are used for the following uses due to their remarkable properties:

1. Urban water supply networks
2. Rural water networks
3. Under Pressure irrigation networks, including drip and rain
4. Dynamic irrigation networks
5. Urban and rural sewage networks
6. Industrial liquid and waste water systems
7. Special networks for highly abrasive liquids
8. Drainage networks

Who we are?

In this regard, the Company Ablooleh Baspar was established in 2007 with the aim of providing quality fittings. This company has been able to offer a variety of products that meet the diverse needs of customers by utilizing an experienced engineering team and using state-of-the-art technologies and high-quality raw materials.

The goals of “Ab Looleh Baspar”

1. Increasing the efficiency of water transmission, irrigation and water supply systems.
2. Identifying and meeting the needs of this industry in cooperation with and seeking opinions from customers and consultants, and developing and completing its products.
3. Improving the quality of manufactured products through continuous monitoring of the quality control unit and a well-equipped laboratory, and obtaining national and international approvals for its products.
4. Ensuring customer satisfaction through improving modern irrigation and water supply methods.
5. Protecting the environment and sustainable development.
6. Preserving the country's water resources and preventing the wastage of this divine gift through traditional methods.



W E A R E B L U E A N D Y E L L O W

International certificates:

- *Quality Management System Certificate (ISO 9001:2015)
- *Environmental Management System Certificate (ISO 14001:2015)
- *Occupational Health and Safety Management System Certificate (ISO 45001:2018)
- *Laboratory Management System Certificate (ISO / IEC 17025:2017)

National Standards Organization Certificates:

- *Standard Mark Certificate for Mechanical connections for Pressure Piping Systems (INSO 21264)
- *Standard Mark Certificate for Pressure Plastic Belt Fasteners (INSO 8996)
- *Certificate of Accreditation of the Laboratory of the General Directorate of Standards
- *Test Certificate from the Agricultural Mechanization Development Center (approved by the Deputy of Water and Soil)
- *Research and Development Certificate from the General Directorate of Industry, Mine and Trade

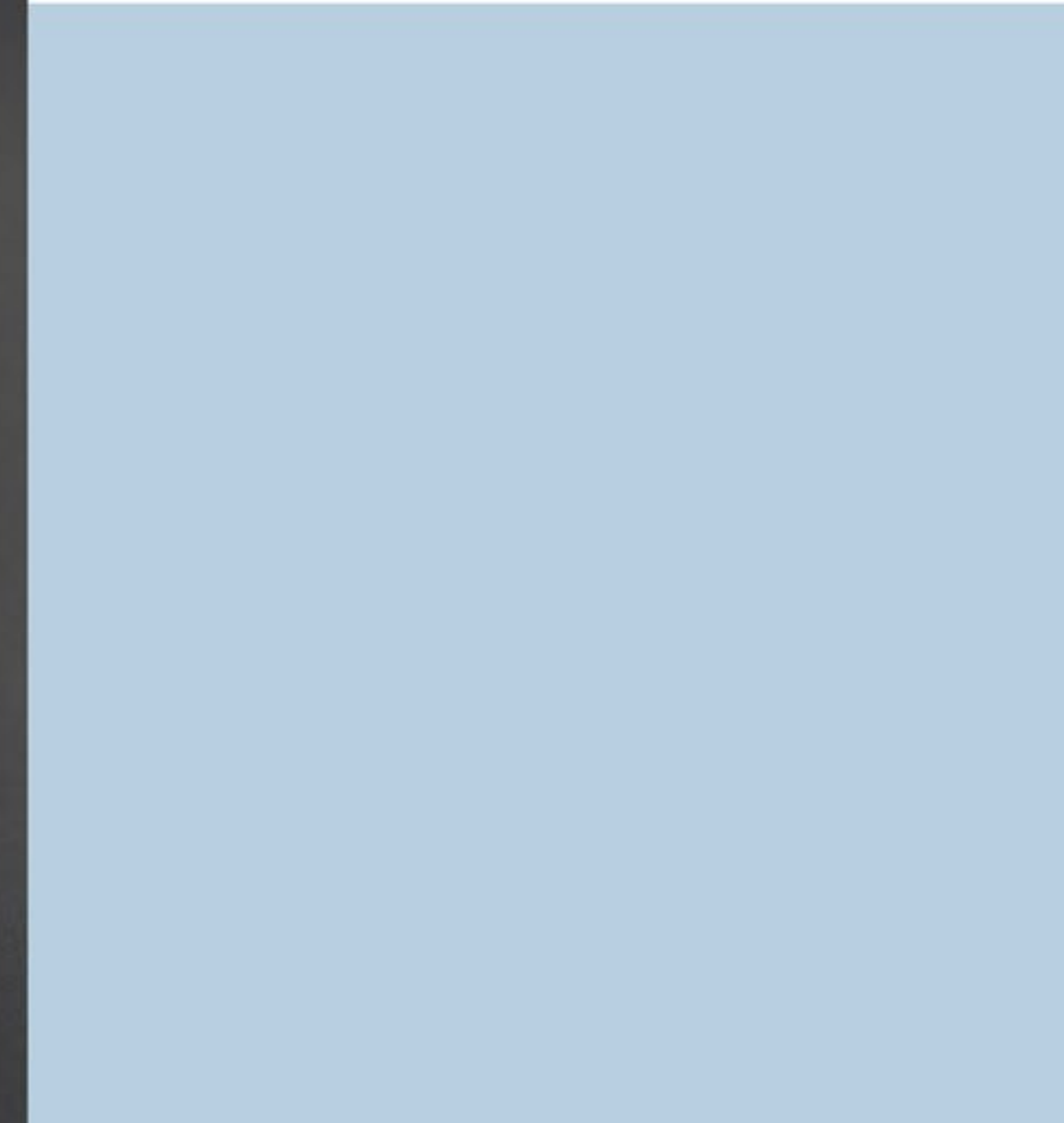
Honors:

- *Achieving the title of National and Provincial Top Entrepreneur in 2010
- *Achieving the title of Quality Model Unit at the provincial level from 2013 to 2024
- *Achieving the title of Provincial Quality Control Manager from 2013 to 2024
- *Achieving the title of Provincial Industrial Model Unit in different years
- *Achieving the title of Provincial Model Employer from the Social Security Organization



ABLOOLEH BASPAR

MANUFACTURING POLYETHELENE PIPE FITTINGS



The capabilities of the Ab Looleh Baspar co

The capabilities of the “Ab Looleh Baspar” Company:

1. Production of threaded connections. From size 16 to 110 mm in various types (elbow, tee, connector, etc.)
2. Production of belts. From size 20 to 160 mm
3. Production of welded flange connections. From size 63 to 200 mm in pressure classes of 6 and 10 atmospheres
4. Types of drip Irrigation Fittings and valves.



Training Unit

The training unit of “Ab Looleh Baspar” Company plays an effective role in improving the knowledge and skills of employees, improving work processes and increasing organizational productivity. This unit helps develop human resources and synchronize them with current industry technologies and standards by planning and implementing various training courses.

Maintenance Unit

The maintenance unit of Ablooleh Baspar Company, as one of the key departments of this company, plays a vital role in maintaining and improving the performance of equipment, machinery, production lines, and molds. This unit, with the help of expert engineers and according to a precise schedule, is active in three shifts and ensures that all the company's equipment is in the best working condition. The activities of this unit not only reduce the costs of repairs and unwanted stops, but also contribute significantly to increasing productivity and continuity of the production process to deliver orders on time.

R&D Unit (Research and Development)

This unit helps develop new products and improve existing products by conducting extensive research on raw materials and production methods. The innovations resulting from this research place the company in a strong competitive position in the domestic and international markets.

ABLOOLEH
BASPAR





Revolutionizing Irrigation: The Vital Role of Polyethylenet pipe and fittings in Modern Water Management

Polyethylene and polypropylene are widely used polymers in the water supply and agricultural irrigation industries. Due to their lightweight, high flexibility, and resistance to corrosion and chemicals, polyethylene pipes and fittings have become a suitable alternative to metal and cement pipes. These pipes and fittings are easy to install and require fewer fittings and tools, which reduces installation costs. Their high resistance to UV radiation and temperature changes ensures long-term durability in harsh environmental conditions. In pressurized and drip irrigation systems, polyethylene pipe and fittings play an essential role in water efficiency due to their availability in various diameters and consistent flow. Reduced water loss, lower maintenance costs, and improved irrigation efficiency are among the key advantages of using polyethylene pipe and fittings in this field.

Laboratory and Quality Control Unit

The main mission of this unit is to closely monitor all stages of production, from raw materials to the final product, and ensure that products comply with national and international standards. This unit checks the quality of products at every stage of the production process by conducting comprehensive and precise tests, including mechanical, chemical, thermal and dimensional tests. This approach not only increases customer confidence, but also contributes to the continuous improvement of production processes.

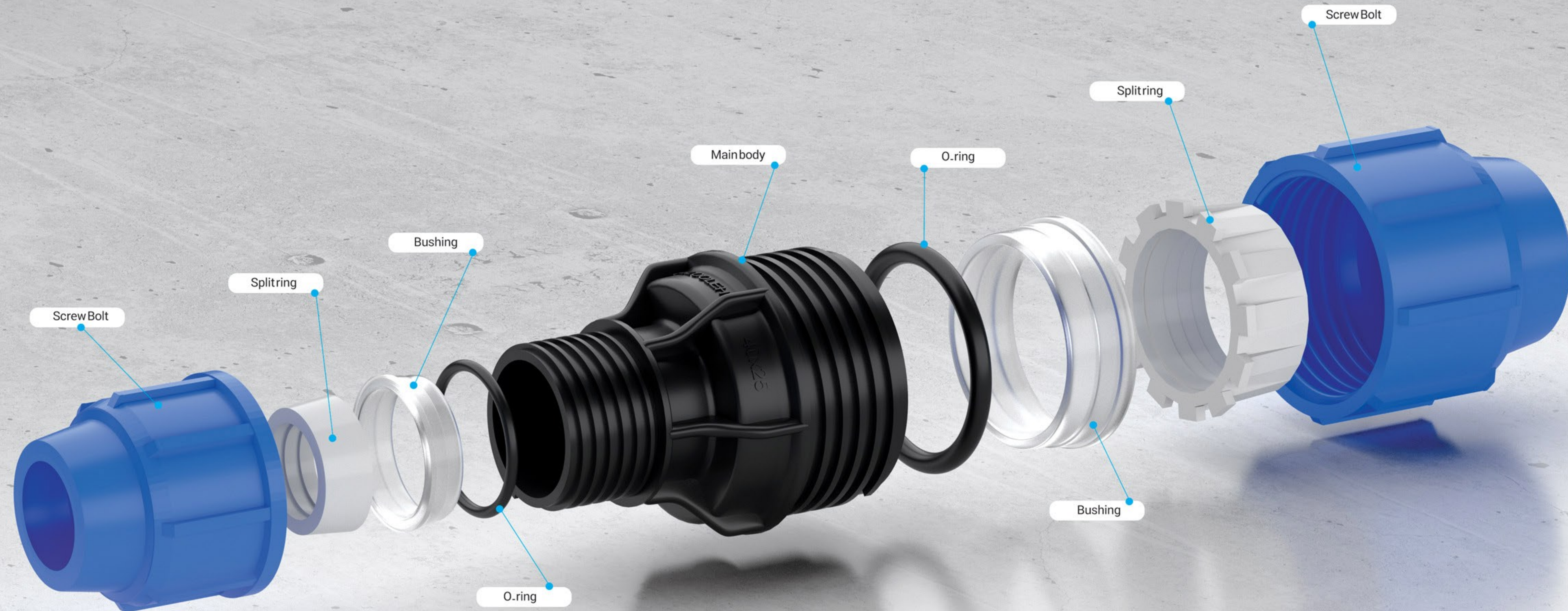
The laboratory and quality control unit of Ablooleh Baspar Company is equipped with the latest technologies and laboratory devices in the world, This equipment allows for the most accurate tests and guarantees the accuracy and precision of the results, including the following:

- Dimensional measurement and appearance inspection of pipes and connections
- Hydrostatic pressure test: (ISO 3458)
- Protrusion resistance test: (ISO 3501)
- No leakage test under internal pressure and bending exposure: (ISO 3503)
- Melt flow index test (MFR): (ISO 1-1133)
- Density determination test: (ISO 1-1183)
- Carbon percentage test: (ISO 6964)
- Soot dispersion test: (ISO 3501)



Powerfull and Stable under heavy pressures, similar to mammut!

The structural integrity of a polyethylene pipe joint under extreme load conditions is a critical factor in engineering applications. Imagine a scenario where a Mammut, exerting a substantial mass of several metric tons, stands atop such a joint. The immense pressure applied would typically surpass the compressive strength of most materials, causing deformation or failure. In this hypothetical case, the surrounding ground exhibits visible cracking due to the concentrated force, indicating significant stress transfer to the substrate. Remarkably, the polyethylene joint remains intact, demonstrating exceptional resilience and toughness. This can be attributed to the material's high molecular weight and cross-linked polymer structure, which enhance its ability to distribute stress without fracturing. Such properties suggest that polyethylene joints possess a superior load-bearing capacity, even under conditions exceeding standard design thresholds. The lack of damage to the joint highlights its potential for use in high-stress environments. Further studies could quantify the exact stress limits and failure mechanisms under similar extreme loads. This example underscores the robustness of Polypropylene as a material for durable infrastructure components.



Screw connections

Ablooleh Baspar connection's include the following components:

Body and bolt head

The material of these parts is polypropylene copolymer, which is one of the linear isomers of propylene. The advantage of this polymer over polyethylene is its resistance to various and unfavorable environmental conditions, sunlight, heat, and many chemicals.

Split Ring

The material of this part is Polyacetal.

Polyacetal is a type of thermoplastic that is strong and crystalline, and its hardness is such that in many cases it can replace metals. The advantage of this engineering polymer is its resistance to acids and bases, abrasion, and at the same time, some flexibility.

Bushing

The material of this part is also polypropylene copolymer, and it is important because of its role in applying pressure to the O-ring and completely sealing the part and the tube.

O-ring

The material of this part, which plays the most important role in sealing, is made of EPDM rubber (Ethylene Propylene Diene Monomer).



FEMALE ADAPTOR

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-202-2020	200	20x20
200-202-2525	150	25x25
200-202-3232	100	32x32
200-202-4040	50	40x40
200-202-5050	40	50x50
200-202-6363	24	63x63
200-202-7563	13	75x63
200-202-7575	13	75x75
200-202-9090	10	90x90
200-202-1100	8	110x110



STRAIGHT COUPLING

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-204-2020	135	20x20
200-204-2525	96	25x25
200-204-3232	70	32x32
200-204-4040	35	40x40
200-204-5050	20	50x50
200-204-6363	12	63x63
200-204-7575	6	75x75
200-204-9090	6	90x90
200-204-1100	4	110x110



90° ELBOW
threaded female offtake

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-203-2021	112	20x1/2
200-203-2526	112	25x3/4
200-203-3233	80	32x1
200-203-4041	40	40x1 1/4
200-203-5051	22	50x1 1/2
200-203-6364	13	63x2



90° ELBOW

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-203-2020	120	20x20
200-203-2525	80	25x25
200-203-3232	50	32x32
200-203-4040	26	40x40
200-203-5050	15	50x50
200-203-6363	10	63x63
200-203-7575	5	75x75
200-203-9090	4	90x90
200-203-1100	4	110x110



90° TEE
threaded female offtake

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-205-2021	80	20x 1/2 x 20
200-205-2526	75	25x3/4x25
200-205-3233	50	32x1x32
200-205-4041	24	40x1 1/4 x40
200-204-5051	15	50x 1 1/2 x50
200-205-6363	10	63x2x63



90° TEE

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-205-2020	70	20x20x20
200-205-2525	50	25x25x25
200-205-3232	35	32x32x32
200-205-4040	16	40x40x40
200-205-5050	12	50x50x50
200-205-6363	7	63x63x63
200-205-7575	5	75x75x75
200-205-9090	4	90x90x90
200-205-1100	2	110x110x100



CONVERSION CONNECTOR

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
42124055	100	25x20
42124057	80	32x20
42124056	75	32x25
42122540	50	40x25
42124051	40	40x32
42123250	30	50x32
42124050	22	50x40
42124058	18	63x32
42124053	16	63x40
42124054	14	63x50
42124059	12	75x50
42124060	9	75x63
42124052	6	90x63
42127590	6	90x75
42124061	6	110x63
42127597	6	110x75
42124062	4	110x90



MALE ADAPTOR

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-201-2020	200	20x1/2
200-201-2525	150	25x3/4
200-201-3232	100	32x1
200-201-4040	50	40x1 1/4
200-201-5050	36	50x1 1/2
200-201-6363	20	63x2
200-201-7575	11	75x1 1/2
200-201-9090	9	90x3
200-201-1100	8	110x4



CLAMP SADDLES

Body material: Polypropylene copolymer (UV resistant)
Floor material: Polypropylene copolymer (UV resistant)
Screw material: Galvanized iron (stainless)
O-ring material: EPDM rubber

Code	QTY	Screw	Size
200-207-2020	200	2	20x1/2
200-207-2520	160	2	25x1/2
200-207-3220	112	2	32x1/2
200-207-3225	112	2	32x3/4
200-207-4020	112	2	40x1/2
200-207-4025	112	2	40x3/4
200-207-4032	112	2	40x1
200-207-5020	96	2	50x1/2
200-207-5025	96	2	50x3/4
200-207-5032	96	2	50x1
200-207-6320	48	2	63x1/2
200-207-6325	48	4	63x3/4
200-207-6332	48	4	63x1
200-207-6350	36	4	63x1 1/2
200-207-6363	36	4	63x2
200-207-7520	48	4	75x1/2
200-207-7525	48	4	75x3/4
200-207-7532	48	4	75x1
200-207-7550	40	4	75x1 1/2
200-207-7563	40	4	75x2
200-207-9020	30	4	90x1/2
200-207-9025	30	4	90x3/4
200-207-9032	30	4	90x1
200-207-9050	26	4	90x1 1/2
200-207-9063	26	4	90x2
200-207-1120	24	4	110x1/2
200-207-1125	24	4	110x3/4
200-207-1132	24	4	110x1
200-207-1150	25	4	110x1 1/2
200-207-1163	25	4	110x2
200-207-1220	24	4	125x1/2
200-207-1225	24	4	125x3/4
200-207-1232	24	4	125x1
200-207-1250	20	4	125x1 1/2
200-207-1263	20	6	125x2
200-207-1620	10	6	160x1/2
200-207-1625	10	6	160x3/4
200-207-1632	10	6	160x1
200-207-1650	8	6	160x1 1/2
200-207-1663	8	6	160x2
200-207-1690	8	6	160x3



END CAP

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Bushing material: Polypropylene (PP)
Bolt head material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-204-2020	180	20x20
200-204-2525	140	25x25
200-204-3232	96	32x32
200-204-4040	45	40x40
200-204-5050	42	50x50
200-204-6363	24	63x63
200-204-7575	15	75x75
200-204-9090	9	90x90
200-204-1100	5	110x110



FLANGED ADAPTOR

Body material: Polypropylene copolymer (UV resistant)
O-ring material: EPDM rubber
Metal ring material: Galvanized steel
Bushing material: Polypropylene (PP)
Cover material: Polypropylene copolymer (UV resistant)
Split ring material: Polyacetal

Code	Quantity in box	Size
200-211-6363	12	63x2
200-211-7575	12	75x 2 1/2
200-211-9090	6	90x3
200-211-1100	6	110x4



WELDING FLANGE

Body material: Polyethylene

Code	QTY	BAR	Size(mm)
200-208-6306	48	6	63
200-208-6310	48	10	63
200-208-7506	48	6	75
200-208-7510	48	10	75
200-208-9006	44	6	90
200-208-9010	44	10	90
200-208-1106	25	6	110
200-208-1110	25	10	110
200-208-1256	20	6	125
200-208-1251	20	10	125
200-208-1606	10	6	160
200-208-1601	10	10	160
200-208-2006	6	6	200
200-208-2001	6	10	200



16mm - TAPE CONNECTOR

Body material: Polypropylene copolymer (UV resistant)
Tape nut material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3090



TAPE - TAPE CONNECTOR

Body material: Polypropylene copolymer (UV resistant)
Tape nut material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3091



TAPE - LAYFLAT CONNECTOR

Body material: Polypropylene copolymer (UV resistant)
Tape nut material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3092



AUTOMATIC VALVE

Type 1 Body material: Polypropylene copolymer (UV resistant)
Type 2 Body material: polyacetal
Door material: Polypropylene copolymer (UV resistant)
Pin material: Polypropylene copolymer (UV resistant)
Bushing material: Polyacetal
Rocket material: Polyacetal
Spring material: Stainless steel
O-ring material: NBR rubber
Packing material: NBR rubber

Code	Quantity in box	Size
200-220-5010 & 200-220-5020	20	1 1/2



16mm TEE

Body material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3093



16mm CONNECTOR

Body material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3094



TAPE VALVE

Body material: Polypropylene copolymer (UV resistant)
Handle material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3095



16mm VALVE

Body material: Polypropylene copolymer (UV resistant)
Handle material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3096



LAYFLAT TAPE VALVE

Body material: Polypropylene copolymer (UV resistant)
Handle material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3097



16mm - 16mm VALVE

Body material: Polypropylene copolymer (UV resistant)
Handle material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3098



16mm - 1/2" VALVE

Body material: Polypropylene copolymer (UV resistant)
Handle material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm
Part code: 200-210-3099



16mm TEE DRIPER

Body material: Polypropylene copolymer (UV resistant)
Connection type: Online
Working pressure: 4 atmospheres
Dimensions: 16x16 mm

Part code: Q 200-210-1001



DRIPPER ON THE LINE

Body material: Polypropylene copolymer
Part code: Q 200-210-1005



DRILL WRENCH

Body material: poly acetal
Part code: Q 200-210-1009



SCREW BOLT

Body material: Polypropylene copolymer
Part code: Q 200-210-1014



END CLAMP

Body material: Polypropylene copolymer (UV resistant)
Connection type: Serrated push-in
Working pressure: 4 atmospheres
Dimensions: 16x16 mm

Part code: Q 200-210-1002



CONNECTION CLAMP

Body material: polyacetal
Part code: Q 200-210-1006



PLUG

- Body material: polyacetal
Part code: Q 200-210-1010
- Body material: Polypropylene copolymer
Part code: Q 200-210-1011



SPLIT RING

Body material: polyacetal
Part code: Q 200-210-1015



START COUPLING 16mm

Body material: Polypropylene copolymer (UV resistant)

Part code: Q 200-210-1003



ABS16 TEE

Body material: ABS
Part code: Q 200-210-1007



STRAIGHT COUPLING

Body material: polyacetal
Part code: Q 200-210-1012



BUSHING

Body material: Polypropylene copolymer
Part code: Q 200-210-1016



PLUG FOR OFFTAKE WITH RUBBER

Body material: EPDM rubber
Part code: Q 200-210-1004



ABS CONNECTOR 16 mm

Body material: ABS
Part code: Q 200-210-1008



STRAIGHT COUPLING

Body material: Polypropylene copolymer
Part code: Q 200-210-1013



O-RING

Body material: EPDM rubber
Part code: Q 200-210-1017



ABLOOLEH
BASPAR

Head office:
unit 8, 3Th floor, Goldiran Bldg
Motahari street, Isfahan. Iran
Tell: +9831 32358245
Tellfax: +9831 32371456

Tehran office:
Unit 5, 3Th floor, No 53
Shahid Motahari street, Tehran. Iran
Tell: +9821 88453130
Tellfax: +9821 88453353

Factory:
2nd Noavari St, Noavari Square,
Choram Industrial Zone , Dehdasht, Iran
Tell: +9874 32270558 - 0562
Fax: +9874 32270559

 www.ablooleh.ir

 info@ablooleh.ir

 [ablb.basparcompany](https://www.instagram.com/ablb.basparcompany)

  +98 913 313 3138