

aamco

Airscent Arabia Manufacturing Co.



**Piping
Perfection,
Flowing
Solutions!**

www.airscentsolutions.com

The Company

AAMCO has had a strong presence in the market for many years in the field of uPVC, HDPE, METAL, GRP custom fabrication. We have always been successful in delivering committed service to our valued customers. We supply a broad range of uPVC fabricated fittings suited to customers requirements. We maintain the most reasonable rates for all our products that make us unique in the market.

We aim to expand our organization with innovative techniques and specially trained personnel to provide a wide range of fabricated u-PVC, HDPE, GRP and METAL Fittings. We guarantee the durability and quality of our products made from materials that comply with the various standards to meet the project specifications. We ensure the timely delivery of material as per site schedules.

It is our great pleasure to introduce our product catalogue that illustrates the wide range of product on uPVC underground and above ground waste application, DUCT, HDPE, METAL and GRP waste applications. It contains myriad of pressure fittings that least compromises with the character of the extruded fittings.

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About Us

AAMCO has a strong presence in the market for the fabrication of custom made fittings and distribution of goods and services. AAMCO plays an important role in Saudi Arabia to provide excellent service to our valued customers for fulfilling their requirements.

Our Mission

AAMCO is committed to becoming a leading name in its core business areas by achieving operational excellence and creating a strong base of highly satisfied customers. We aim to achieve this by offering high-quality products and services in a timely, reliable, and environmentally sound manner.

Key To Success

Willingness to take on challenges and see them through is our hallmark because we know that challenges are the steps of a ladder that takes us higher and higher. When quality and trust are the benchmarks of a professional work, AAMCO stands above its competitors by providing excellent customer service, competitive rates, high-quality products and prompt delivery



Value & Objectives

AAMCO offers the following advantages to our customers; High quality, competitive rates, prompt delivery & technical submittals for consultant approval, provide or fabricate fittings as per customer requirements or project specifications, arranging custom-made items through outsourcing, customer service with 100% customer satisfaction, compliance to quality systems and standards.

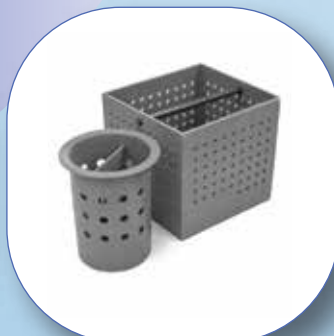
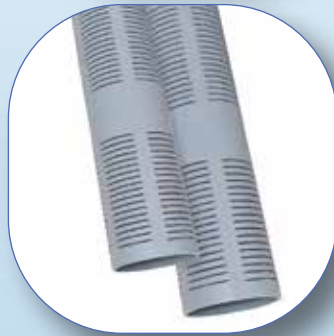
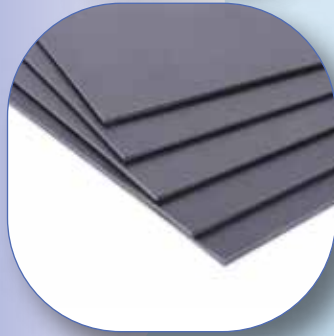
Fabrication

Fabrication is one of the important objectives of AAMCO's plastic works. We fabricate materials as per customer requirements and project specifications. Our main areas of expertise are uPVC, HDPE, GRP and Metallic Fabrication.

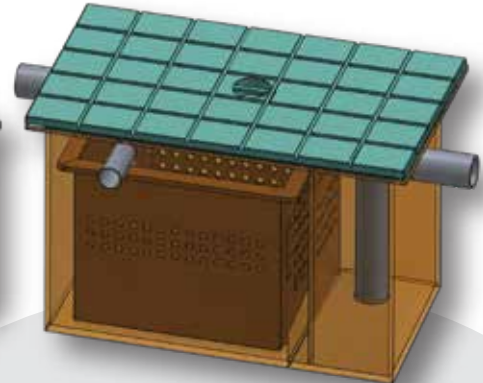
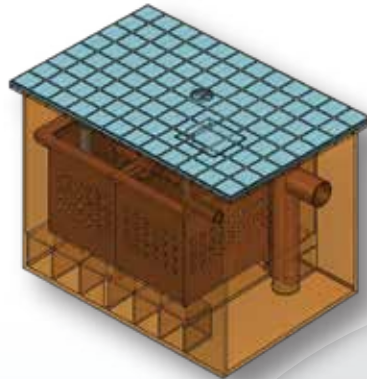
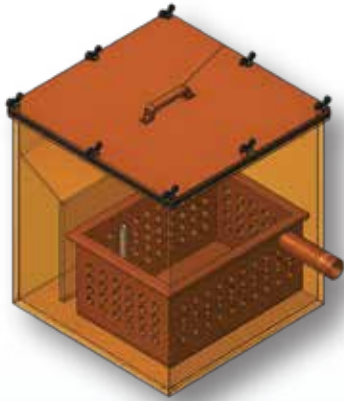
PVC Fabricated Products & Services

we responsibly fabricate UPVC pressure, underground, above-ground drainage and duct fittings as per the requirement of customers and project specification. Our expertise ensures high-quality products making use of our state-of-the-art facility, fully equipped with the latest machinery. Our specially trained employees produce all kinds of fabricated fittings such as grease trap, sand traps, catch basin, dry manholes, long-radius bends, puddle flanges, end caps, slotted pipes, tank connectors, threaded male and female adaptors and other custom-made non-standard special items. Also we assure that the best-quality raw materials are used to mould these fittings.





uPVC Grease Trap



Leak-Proof
Sealed joints for
reliable flow control



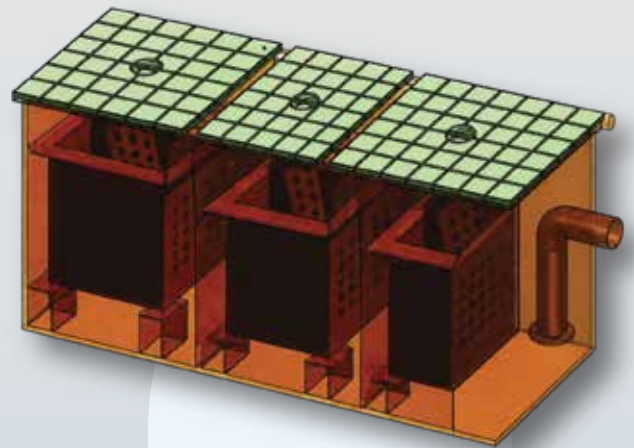
Long Lasting
Strong corrosion
resistant



Custom Size
Custom sizes made
as per provided



Easy Service
Removable bolted
lids for cleaning



TECHNICAL SPECIFICATIONS

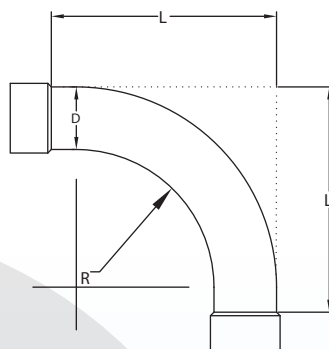
	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "D"
1 INLET/OUTLET PIPE SIZE	3"/82 MM	4"/110 MM	4"/110MM	2"/56 MM
2 FLOW RATES IN LTRS/SEC (DISCHARGE RUNNING FULL AT 1:100 GRADIENT)	4.4 LT/SEC 57.6 GAL/ MIN	8 LT/SEC 105 GAL/ MIN	8 LT/SEC 105 GAL/ MIN	2 LTR/SEC 26.26 GAL/ MIN
3 STANDING WATER CAPACITY	201.44 LTR	435.55 LTR	580 LTR	60 LTR
4 WEIGHT OF PVC BASKET EACH WHEN WEIGHED EMPTY	11.80 KGS	15.20 KGS	17.60 KGS	4.50 KGS
5 WEIGHT OF PVC BUCKET EACH WHEN WEIGHED FILLED WITH WATER	24.20 KGS	33.00 KGS	33.60 KGS	16.50 KGS
6 TOTAL SHIPPING WEIGHT	67.80 KGS	116.60 KGS	193.00KGS	27.20KGS

Long Radius Bends

Solvent Cement Jointed Type

DIN 8061/62

No.	Size (MM)	Radius (R) MM
1	63	221
2	75	263
3	90	315
4	110	385
5	140	490
6	160	560
7	200	705
8	225	788
9	250	852
10	280	980
11	315	1100



DOUBLE AND SINGLE SOCKETED BENDS ARE MANUFACTURED. STANDARD ANGLES OFFERED ARE 11°, 22.5°, 30°, 60° & 90°. OTHER ANGLES ARE MANUFACTURED ON REQUEST

ASTM Standard

No.	Size (INCH)	Radius (R) MM
1	½"	76.20
2	¾"	88.90
3	1"	114.30
4	1¼"	139.70
5	1½"	177.80
6	2"	223.52
7	3"	317.50
8	4"	381.00
9	6"	558.80
10	8"	787.40



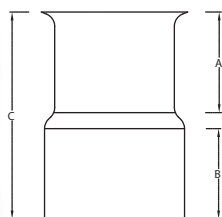
No.	Size (INCH)	Radius (R) MM
1	½"	102
2	¾"	114
3	1"	146
4	1¼"	00
5	1½"	210
6	2"	241
7	3"	330
8	4"	406
9	6"	762
10	8"	787.40

STANDARD RADIUS ELBOWS

THESE ELBOWS ARE AVAILABLE AS PER NEMA TC 2 STANDARDS AND ARE USABLE WITH EPT-A.EPC-40 & EPC-80 TUBINGS & CONDUITS. PLAIN-ENDED, DOUBLE & SINGLE SOCKETED ELBOWS ARE MANUFACTURED. GENERAL ANGLES OFFERED ARE 11°, 22.5°, 30°, 60° & 90°. OTHER ANGLES ARE MANUFACTURED ON REQUEST.

uPVC BELL ENDS

Available for PN6, PN10 and PN16 pressure ratings



PRODUCT SIZE (mm)	32	40	75	90	110	125
	140	160	200	225	250	315
PRODUCT SIZE (inch)	1/2"	3/4"	1 1/4"	1 1/2"	2"	3"
	4"	6"	8"			

We manufacture high-quality uPVC Bell Ends available in all standard sizes and pressure ratings, including PN6, PN10, and PN16. We also manufacture products as per customer-provided measurements, including double-side bell ends and customized long bell ends.

Customization Available

We can manufacture according to

- Customer-provided measurements
- Double-side bell end requirements
- Customized socket length
- Customized long bell end
- Project-specific pipe size and pressure rating

uPVC REGISTER COUPLING & REPAIR COUPLING



PRODUCT SIZE (mm)	32	40	75	90	110	110
	140	160	200	225	250	315
PRODUCT SIZE (inch)	1/2"	3/4"	1 1/4"	1 1/2"	2"	3"
	4"	6"	8"			

We manufacture high-quality uPVC Register Couplings and Repair Couplings according to the provided measurements and customer requirements. These couplings are designed for strong pipe joining, repair work, and reliable installation in uPVC piping systems.

Our products are manufactured with accurate dimensions, smooth finishing, and proper socket depth to ensure easy fitting and long-lasting performance.

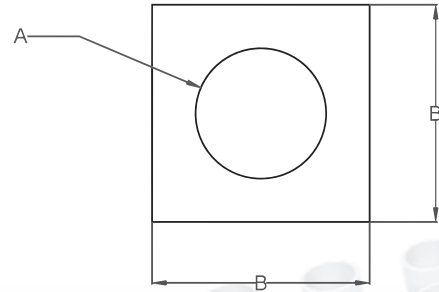
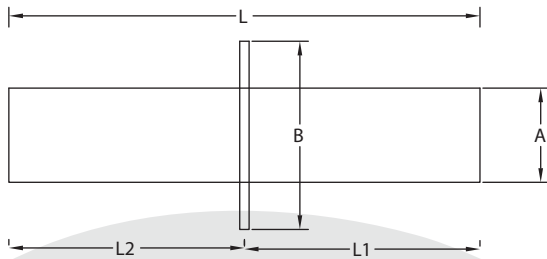
Customization Available

We can manufacture according to

- Customer-provided measurements
- All standard sizes
- Different socket lengths
- Customized long coupling
- Repair coupling requirements
- Project-specific pipe sizes and pressure ratings

Puddle Flange

Standard & Customized



We fabricate puddle flanges using a versatile range of premium materials to ensure chemical compatibility, structural integrity, and longevity in any environment.

- **HDPE (High-Density Polyethylene):** Excellent flexibility, high impact resistance, and perfect for robust, corrosion-free underground installations
- **UPVC & PVC:** Ideal for lightweight, cost-effective, and highly chemical-resistant water supply and drainage systems.
- **Metal (Carbon Steel / Stainless Steel):** Built for high-pressure, heavy-duty industrial applications, offering maximum structural strength

Your Project, Our Modification

Do you have a unique structural challenge or a non-standard wall thickness? We can modify any puddle flange to meet your exact project requirements. Send us your technical drawings, and our engineering team will fabricate a precise, hassle-free solution.



uPVC & HDPE Perforated & Slotted Pipes

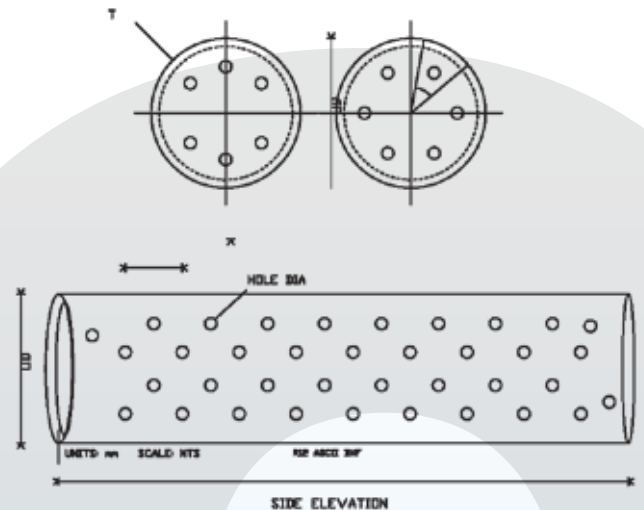
Our Perforated and Slotted Pipes are specially designed for subsoil drainage, dewatering, rainwater collection, irrigation, and filtration applications. These pipes allow water to enter through the perforations or slots while maintaining strong pipe performance and smooth flow.

We manufacture perforated and slotted pipes in both uPVC and HDPE materials, suitable for different site requirements and project specifications.

The pipes are available in standard sizes and classes, and we also provide customized solutions as per customer requirements.

Including:

- Customized hole diameter
- Customized hole-to-hole distance
- Customized slot size and slot spacing
- Single-side / double-sided perforation
- Customized pipe length
- Plain-end or bell-end options



WHY CHOOSE OUR PERFORATED PIPES?



uPVC PIPES SPECIFICATIONS

uPVC pressure pipes are manufactured according to Saudi SAS 14 & 15 / DIN 8061 & 8062 standards, ensuring high quality, durability, and reliable performance for water supply and pressure applications.

SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG/MTR)	PRESSURE AT 20° C (LONG TERM TESTS)		(SCJ)	SOLVENT CEMENT JOINT PIPES		RUBBER JOINT PIPES
				BAR	PSI		SOCKET LENGTH	(R/J)	
1	16 mm Class 5	1.20	0.090	16	232	YES	—	—	—
2	16 mm Class 6	1.80	0.422	6	87	YES	50	—	—
3	20 mm Class 5	2.40	0.552	10	145	YES	50	—	—
4	20 mm Class 6	3.70	0.809	16	232	YES	50	—	—
5	25 mm Class 4	5.60	1.160	20	290	YES	50	—	—
6	25 mm Class 5	1.90	0.562	6	87	YES	65	—	—
7	25 mm Class 6	3.00	0.854	10	145	YES	65	—	—
8	32 mm Class 4	4.70	1.290	16	232	YES	65	—	—
9	32 mm Class 5	7.00	1.820	20	290	YES	65	—	—
10	32 mm Class 6	1.80	0.642	4	58	YES	71	—	—
11	40 mm Class 3	2.20	0.782	6	87	YES	71	—	—
12	40 mm Class 4	3.60	1.220	10	145	YES	71	—	—
13	40 mm Class 5	5.60	1.820	16	232	YES	71	—	—
14	40 mm Class 6	4.50	0.750	20	290	YES	42	—	—
15	50 mm Class 3	1.80	0.422	6	87	YES	50	—	—
16	50 mm Class 4	2.40	0.552	10	145	YES	50	—	—
17	50 mm Class 5	3.70	0.809	16	232	YES	50	—	—
18	50 mm Class 6	5.60	1.160	20	290	YES	50	—	—
19	63 mm Class 3	1.90	0.562	6	87	YES	65	YES	99
20	63 mm Class 4	3.00	0.854	10	145	YES	65	YES	99
21	63 mm Class 5	4.70	1.290	16	232	YES	65	—	—
22	63 mm Class 6	7.00	1.820	20	290	YES	65	—	—
23	75 mm Class 2	1.80	0.642	4	58	YES	71	YES	103
24	75 mm Class 3	2.20	0.782	6	87	YES	71	YES	103
25	75 mm Class 4	3.60	1.220	10	145	YES	71	YES	103
26	75 mm Class 5	5.60	1.820	16	232	YES	71	—	—
27	75 mm Class 6	8.40	2.600	20	290	YES	71	—	—
28	90 mm Class 2	1.80	0.774	4	58	YES	75	YES	108
29	90 mm Class 3	2.70	1.130	6	87	YES	75	YES	108
30	90 mm Class 4	4.30	1.750	10	145	YES	75	YES	108
31	90 mm Class 5	6.70	2.610	16	232	YES	75	—	—
32	90 mm Class 6	10.00	3.700	20	290	YES	75	—	—
33	110 mm Class 1	1.80	0.950	3	36	YES	91	YES	115
34	110 mm Class 2	2.20	1.160	4	58	YES	91	YES	115
35	110 mm Class 3	3.20	1.640	6	87	YES	91	YES	115
36	110 mm Class 4	5.30	2.610	10	145	YES	91	YES	115
37	110 mm Class 5	8.20	3.900	16	232	YES	91	—	—
38	125 mm Class 3	3.70	2.130	6	87	YES	91	—	—
39	125 mm Class 4	6.00	3.340	10	145	YES	91	—	—
40	140 mm Class 3	4.10	2.650	6	87	YES	109	—	—
41	140 mm Class 4	6.70	4.180	10	145	YES	109	—	—
42	160 mm Class 2	3.20	2.410	4	58	YES	130	YES	132
43	160 mm Class 3	4.70	3.440	6	87	YES	130	YES	132
44	160 mm Class 4	7.70	5.470	10	145	YES	130	YES	132
45	160 mm Class 5	11.90	8.170	16	232	YES	130	YES	132
46	200 mm Class 3	5.90	5.370	6	87	YES	140	YES	155
47	200 mm Class 4	9.60	8.510	10	145	YES	140	YES	155
48	200 mm Class 5	14.90	12.800	16	232	YES	140	YES	155
49	225 mm Class 3	6.60	6.760	6	87	YES	150	YES	155
50	225 mm Class 4	10.80	10.800	10	145	YES	150	YES	155
51	225 mm Class 5	16.70	16.100	16	232	YES	150	YES	155
52	250 mm Class 3	7.30	8.310	6	87	YES	170	YES	175

SR NO	PRODUCT DESCRIPTION	THICKNESS (MM)	WEIGHT (KG/MTR)	PRESSURE AT 20° C (LONG TERM TESTS)		(SCJ)	SOLVENT CEMENT JOINTED PIPES		RUBBER JOINTED PIPES
53	250 mm Class 4	11.90	13.200	10	145	YES	170	YES	175
54	250 mm Class 5	18.60	19.900	16	232	YES	170	YES	175
55	280 mm Class 3	8.20	10.400	6	87	YES	170	YES	185
56	280 mm Class 4	13.40	16.600	10	145	YES	170	YES	185
57	280 mm Class 5	20.80	24.900	16	232	YES	170	YES	185
58	315 mm Class 3	9.20	13.200	6	87	YES	180	YES	190
59	315 mm Class 4	15.00	20.900	10	145	YES	180	YES	190
60	315 mm Class 5	23.40	31.500	16	232	YES	180	YES	190
61	400 mm Class 2	7.90	14.500	4	58	YES	200	YES	215
62	400 mm Class 3	11.70	21.100	6	87	YES	200	YES	215
63	400 mm Class 4	19.10	33.700	10	145	YES	200	YES	215
64	400 mm Class 5	29.70	50.800	16	232	YES	200	YES	215
65	500 mm Class 3	14.60	32.900	6	87	YES	200	YES	280
66	500 mm Class 4	23.90	52.600	10	145	–	–	YES	–
67	630 mm Class 3	18.40	52.200	6	87	–	–	YES	330

PVC PIPES SPECIFICATIONS

RIGID PVC CONDUIT & TUBING AS PER NEMA TC 2 EPC 40-PVC (ELECTRICAL USE)
FOR DIRECT BURIAL UNDERGROUND

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT KG/MTR
1	1/2"	21.24	2.770	0.248
2	3/4"	26.57	2.870	0.329
3	1"	33.27	3.380	0.483
4	1 1/4"	42.03	3.560	0.652
5	1 1/2"	48.11	3.680	0.779
6	2"	60.17	3.910	1.040
7	2 1/2"	72.84	5.160	1.650
8	3"	88.70	5.490	2.160
9	4"	114.07	6.020	3.070
10	6"	168.00	7.110	5.410
11	8"	218.70	8.180	8.150

PIPES ARE STANDARDISED AT 3, 5.8 & 6 M LENGTH.

SOCKET TYPE : STANDARDIZED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE, ALL SIZES ARE AVAILABLE WITH PLAIN ENDS.

COLOUR: GREY. OTHER COLOURS ARE AVAILABLE ON REQUEST.

RIGID PVC CONDUIT & DUCT AS PER NEMA TC 2 EPC 80-PVC (ELECTRICAL USE)

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT KG/MTR
1	1/2"	21.24	3.730	0.309
2	3/4"	26.57	3.910	0.418
3	1"	33.27	4.550	0.614
4	1 1/4"	42.03	4.850	0.850
5	1 1/2"	48.11	5.080	1.030
6	2"	60.17	5.540	1.430
7	2 1/2"	72.84	7.010	2.180
8	3"	88.70	7.620	2.910
9	4"	114.07	8.560	4.260
10	6"	168.00	10.970	8.130
11	8"	218.70	12.700	12.40

PIPES ARE STANDARDISED AT 3, 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDIZED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE ALL SIZES AVAILABLE WITH PLAIN ENDS.

COLOUR: GREY. OTHER COLOURS ARE AVAILABLE ON REQUEST.

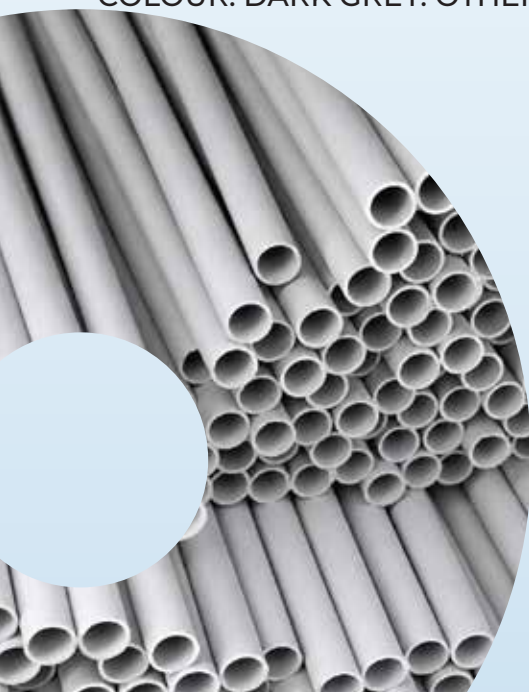
RIGID PVC CONDUIT & DUCT AS PER NEMA TC 8 DB120 (ELECTRICAL USE)

SR NO	NOMINAL PIPE SIZE INCH	OUTSIDE DIAMETER MIN (MM)	WALL THICKNESS MIN (MM)	WEIGHT KG/MTR
1	1"	33.270	1.520	0.251
2	1 1/2"	48.10	1.520	0.369
3	2"	60.170	1.960	0.576
4	3"	88.700	3.000	1.250
5	4"	114.070	3.910	2.050
6	6"	168.000	5.770	4.420

PIPES ARE STANDARDISED AT 5.8 & 6 M LENGTH.

SOCKET TYPE: STANDARDIZED AS SOLVENT CEMENT JOINTED (SCJ) FOR 2" & ABOVE ALL SIZES AVAILABLE WITH PLAIN ENDS.

COLOUR: DARK GREY. OTHER COLOURS ARE AVAILABLE ON REQUEST.



HDPE Services

We arrange Polyethylene Fabricated fittings through outsourcing. The fittings are engineered from high-density polyethylene pipes manufactured with ISO and various required international standards. It encompasses various customized HDPE fittings starting from 20mm and above. The fittings such as Bends, Tees, Reducers, Puddle Flange spools are made according to the specific customer requirements. The latest joint technologies are used in producing fittings that comply with the specification. Also we provide the best service for the following HDPE site-welding.

Site Welding Services



Butt Fusion Welding

Consistent joints for HDPE pipe systems.



Electrofusion Welding

Reliable connection for fittings and branches.

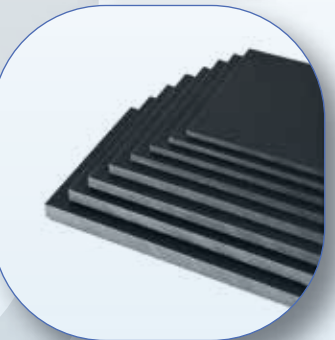
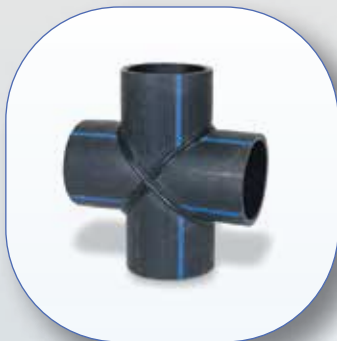
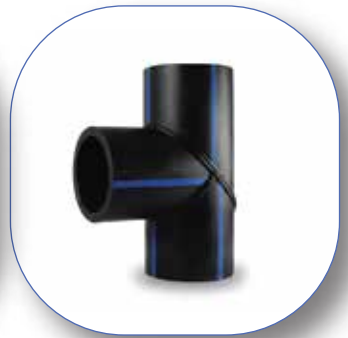


HDPE Drainage Welding

Other customized drainage welding services.



HDPE **Fabricated Products**



WE PROVIDE HDPE PIPES & ELECTROFUSION FITTINGS IN VARIOUS SIZES AND SPECIFICATIONS.



METAL **Services**

We arrange metallic fabricated fittings as per customer's requirements and project specifications such as Puddle Flanges, Backing Rings, GI Boxes, Vertex plates, Gratings and special Fabrication as per project Specifications. Our main scope of work is Fabrication of Mild Steel, Cast Iron, Ductile Iron, Stainless Steel, copper etc.

FIELD OF METAL ACTIVITIES

AAMCO offers design, fabrication, erection and installation of metal fabricated products and structures for the industrial and commercial sectors. In connection with the metal works, we offer our customers complete solution where we can cover all related civil & electromechanical works for a project. We offer structural design & engineering solutions to our customers. Whether starting from a sketch or concept, we are able to provide structurally sound designs 'taking cost optimization into consideration, and required level of efficiency by the project owners.



METAL

Fabricated Products



GRP ***Fabricated Products & Services***

We also focus on manufacturing custom-made GRP fittings based on customer-specific requirements, enabling us to provide complete plastic piping solutions under one roof. We organize the special fittings made from the best-quality raw materials in compliance with specifications. We are involved in procuring a full range of GRP fittings including Bends, Tees, Wye and Reducers and more. We are committed to delivering all the aforementioned services with the highest level of credibility and professionalism.



"We offer GRP-coated PVC fittings that can be fully customized to any size and configuration to meet your specific requirements."

MAINTENANCE

Maintenance is one of our organization's main objectives. Our skilled workforce supports you to provide the best service for repair and maintenance of your villas, apartments and flats etc. We focus on providing you a solution, not just a service, to get your repairs done and get you on your way.

AFTER SALES

AAMCO provides enduring commitment to our clients with regard to ongoing customer support. The commitment extends beyond the initial transaction and builds a relationship between the client and supplier that covers any query, technical need, advice, training or service issue encountered.

Whenever you need further assistance of our team, you can be assured that an appropriately qualified representative is waiting to help you.

AFTER SALES SERVICE



Our Business Partners



Accreditations



أرامكو السعودية
Saudi Aramco



المواصفات السعودية
Saudi Standards



سابر
s a b e r



المركز الوطني للرقابة
على الالتزام البيئي
National Center for Environmental Compliance
المملكة العربية السعودية



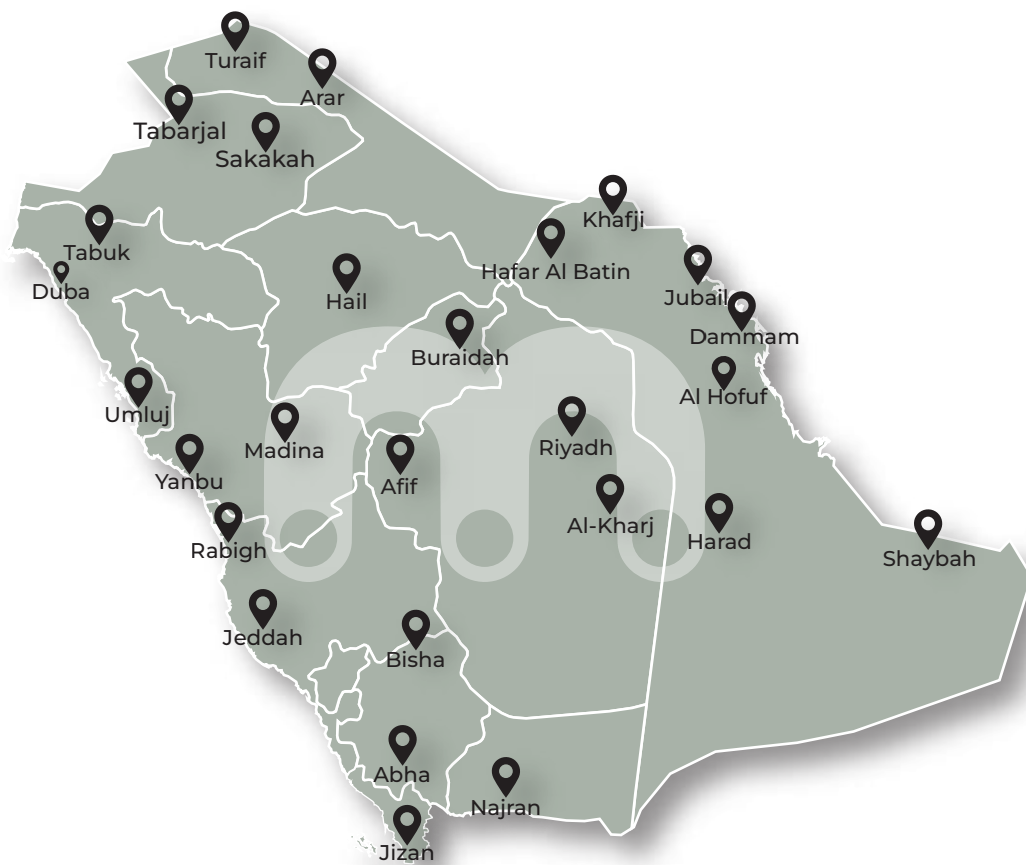
CCC

IMPLEMENTATION OF
ARAMCO
CYBERSECURITY
COMPLIANCE CERTIFICATE



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