



POLO[®]

Quality

is our first priority

COMPANY **PROFILE**



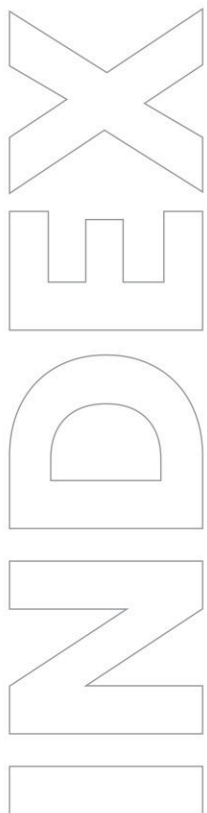
- UPVC Conduit Pipes & Fittings
- UPVC Pipes & Fittings for Potable Water
- PPRC Pipes & Fittings
- UPVC SWV Pipes & Fittings
- Polo Hydro Pipes
- HDPE Pipes & Fittings
- Garden Pipes
- Polo Solvent Cement



The Al-Raai Group, known for its high standards, is a leading company in Pakistan in the fields of excellence, innovation, and finest service. Our modern manufacturing plant is a clear indicator of our dedication to quality and perfection, which we consider as our utmost pride.

The prime goal of Al-Raai Group is to provide solutions to the continually growing demands of our appreciated clients in water management and housing sectors.

For this purpose, we have developed an advanced high-performance piping system that is very easy to use and install. This system with numerous excellent features that guarantee a long life and low maintenance cost is user-friendly, simple, and easy to fit.



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DELIVERING PERFECTION

Polo Pipes sees perfection as a never-ending journey rather than a final destination, a journey that demands honesty, passion, and hard work. We are introducing perfection into people's lives every day as part of our efforts to make the world a better place.





ASSURANCES

Polo Pipe's intensive quality checks ensure high-quality products for the greatest customer satisfaction.

#01

STATE OF THE ART
MANUFACTURING FACILITIES



#02

ADVANCE MACHINERY
FOR SUPERIOR QUALITY



#03

ADVANCED MATERIAL
HANDLING SYSTEMS



#04

100% INCOMING RAW
MATERIAL INSPECTION



#05

HIGH DIMENSIONAL ACCURACY
TO MAINTAIN QUALITY OF
EACH PIECE, TO ENSURE
A DEFECT FREE SYSTEM



#06

STRINGENT QUALITY
OF PRODUCTION



#07

100% FINISHED GOODS
INSPECTION



#08

MULTIPLE QUALITY CHECKS IN
PLACE FOR EVERY FITTING
THAT LEAVES THE POLO
FACTORY



#09

EVERY BATCH OF
PRODUCTS LAB TESTED



#10

REGULAR EXTERNAL LAB
TESTING OF PRODUCTS



ABOUT US

At Al-Raai Group, we're proud of our humble beginnings. Founded in 1974 as a small-scale production house specializing in Pressure Pipes, we've grown into a trusted name in the industry. Our customers' loyalty has been the driving force behind our success, and we're grateful for the trust they've placed in us.

Today, we're excited to introduce the Polo family - a comprehensive range of UPVC, PPRC, Conduit pipes, and fittings. This expansion allows us to offer the best piping solutions for industrial, commercial, and residential applications, setting a new standard in the industry.

Our foray into PVC production is a significant milestone, enabling us to leverage our expertise to deliver innovative solutions that benefit our valued customers. We're committed to pushing the boundaries of quality and excellence, and we look forward to continuing to serve you with the best products and services.

With a presence of over 50 years in the market, coupled with unwavering hard work, a commitment to consistent quality, and a plethora of satisfied customers, Polo has emerged as a brand synonymous with trust. The Polo brand now stands as a beacon of the highest quality standards and unparalleled customer satisfaction. Our extensive manufacturing experience, coupled with a profound understanding of the industry and rigorous quality control measures, has positioned Polo as a frontrunner, consistently keeping stride with our clients' needs.

In the era of technological advancement, plastics have swiftly evolved into a reliable alternative for various products. Recognizing the inherent advantages of plastics and the evolving demands of customers, Polo embraced the challenge of producing top-tier PVC piping systems. Our state-of-the-art scientific management, advanced technology-infused equipment, and superior raw materials converge to create products of utmost excellence.

The second generation of Polo's management brings a more educated and scientific approach to our business operations. This infusion of new ideas and methodologies further strengthens our standing. Choosing to partner with us for your piping requirements will undoubtedly be a decision you'll take pride in. We stand ready to showcase our prowess and live up to your expectations.

DELIVERING PERFECTION

VISION

Our vision includes the manufacturing of world-class quality products and the significant contribution to the strong development of Pakistan's national infrastructure. We are determined to be the country's preferred sourcing hub for all infrastructure requirements.

MISSION

With the Al-Raai Group, we want to leave a significant impact and continuously earn our customers' trust as our starting point. We have declared this as our mission and are going to achieve it by raising the standard really high, competing with quality and innovation, and finally bringing out the product that will not just meet but exceed customer expectation.



We seek approvals and accreditations from organizations like ISO, leveraging them as assets to enhance our market visibility.

We aim to integrate modern manufacturing methods to minimize waste, reduce emissions, and enhance overall efficiency.

Ensure greater scale and technology for a longer duration of existence

Continue adding value added products and services to our portfolio

We are dedicated to meeting both industry standards and our clients' specific requirements, ensuring their utmost satisfaction.



OUR PRINCIPLES

CUSTOMER EXPERIENCE

Our customer-focused strategy allows us to offer the best Products, Services and Solutions.

PEOPLE

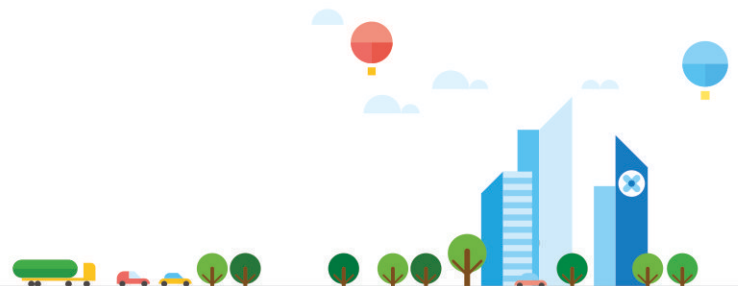
The talent, ideas and energy of the people who are facing the challenge of satisfying our customers' needs are the main reason for our success.

PROCESS EXCELLENCE

Business excellence is a result of process excellence. Polo Pipes aims at continuous improvement in processes, quality and R&D.

GROWTH

- Ambitious goals are set by us to deliver what has been promised.
- We recognize that our customers have alternatives, and we are thankful that you are considering us.
- We are committed to delivering the best service possible.
- By competing with integrity, we are not only winning the new business but also upholding our values and ethical standards.



MANAGEMENT REGULATION

The Al-Raai Group has a fantastic product management team. To test our products, we use three ways: personal checking, joint checking, and professional inspection of samples during quality control. Our order handling system guarantees that we are in touch all the time between orders and productions. This is a big help in providing excellent and timely service to our key customers.



AL-RAAI RIGID UPVC PRESSURE PIPE

At Al-Raai Group, quality is the core of our production process. The advanced laboratory we have is a major factor in guaranteeing that customers will receive nothing but the best. Quality is our major concern throughout the entire course of the production process; we check every input and maintain the highest standards.

We test materials from global suppliers for top quality. Checking throughout production, even before delivery to you. Our expert quality controllers use the best equipment, ensuring perfection. Every batch meets our high standards through rigorous testing.



Impact
Test

Opacity
Test

De-lamination

Tensile
Strength

Water
Absorption
Test

Melt Flow
Rate, MFR

Fracture
Toughness

Heat
Reversion
Test

Physical
Parameters
Inspection

Long Term
Hydrostatic
Pressure Test

Short Term
Hydrostatic
Pressure Test

Specific
Gravity Test

OBJECTIVES

- We're passionate about creating products that meet global standards, so you can trust our quality.
- We're committed to being smart and efficient, so we can deliver great products without breaking the bank.
- Your satisfaction matters! We strive to get it right the first time, every time, and minimize any issues.
- We're always looking for ways to improve, and we're dedicated to making our quality management system the best it can be.
- We're a team of innovators and problem-solvers, always seeking new ways to do things better and stay ahead of the game!

KEY STRATEGIC FOCUS

Our unwavering commitment to these principles has driven the creation and evolution of exceptionally competitive and dependable product offerings.



QUALITY

Our approach to creating products is all about making them excellent. We use QC & QA methods throughout our process to constantly check and enhance quality. This way, we offer the latest, high-tech, and dependable products to the market, ensuring everyone can have confidence in what we provide.



CUSTOMER SERVICE

Our customer care team is all about serving customers. If you have any questions about our products and how to use them, our experienced technical and sales team is here for you. We're just a chat or call away, ready to provide the information you need. Your satisfaction is our priority, and we're dedicated to ensuring you have a smooth experience with our products.



TECHNOLOGY

We seek to produce homogenous and high quality finished goods to meet the challenges of the demands of our valued customers. We believe in teamwork and comprise of a devoted, dedicated and assiduous team of professionals employed at all levels for improving and attaining new skills in operations, management and R&D



WORKSHOPS & SESSION

At Al-Raii Group, we value workshops and training to give our team the latest skills. This helps us be really good in what we do and offer top-notch services to our customers. We're happy to say we do these sessions within our company, and we even have special ones for different parts of our team.



CUSTOMER FEEDBACK

In our Marketing & Sales team, we do surveys and chat with customers to see how they feel. We use surveys, forms, calls, or visits to ask them questions. Then, we put all their answers together and study them. This helps us understand if customers are happy and where we can improve. It's all about making our products and services the best they can be.

Delivering top-notch quality is what Al-Raai Group is all about, and the modern production plant in Shahdara, Lahore, is the main source of our operations. A team of the finest engineers and professionals is using the most advanced technology and the best equipment to patiently control all the production stages considering that each product is up to our strict requirements.



Core Values



Quality



Team Work



Innovation



customer
Satisfaction



Self
Improvement

Our Customers



Industries



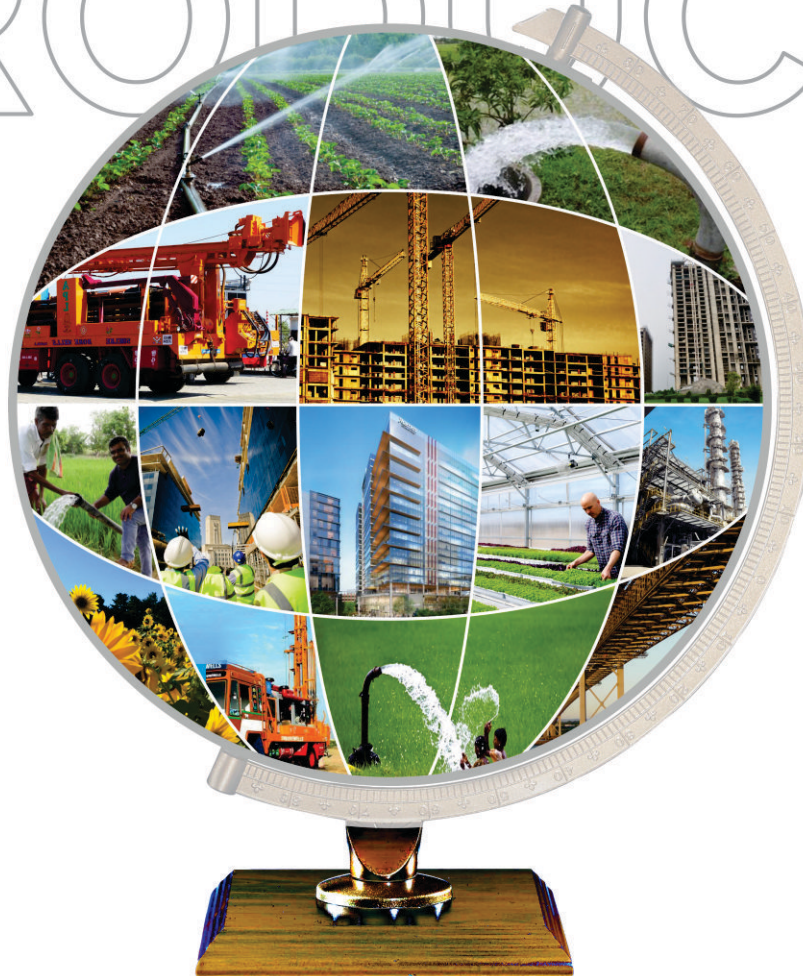
Commercial



Agriculture

DIVERSE

PRODUCTS



EXTENSIVE APPLICATIONS

CONDUIT | PPRC PIPES & FITTINGS | PRESSURE PIPES & FITTINGS | UPVC SWV PIPES & FITTINGS
HYDRO PIPES | HDPE PIPES & FITTINGS | GARDEN PIPES | SOLVENT

OFFERING

PRODUCTS



 **POLO**[®]


al-raai
GROUP

ELECTRICAL CONDUIT PIPES & FITTINGS

STANDARDS & SPECIFICATIONS

- PS-1905, BS-6099, BS-4607

AVAILABLE SIZES

- Size Range: 1/2" to 4"



SALIENT FEATURES

Electrical Safety:

These products are designed to prevent electrical shocks, ensuring a secure environment.

Strong Mechanical Build:

They possess high mechanical strength, ensuring durability and reliability in various applications.

Fire Safety:

The materials used are self-extinguishing, enhancing safety by preventing the spread of flames.

POLO UPVC ELECTRICAL CONDUIT PIPES AND ACCESSORIES

SPECIFICATIONS

STANDARD SPECIFICATION BS-6099				
NOMINAL SIZE INCH	OUTER DIA		WALL THICKNESS	
	MIN.	MAX.	(INCHES)	(MM)
½"	17.00	17.30	0.96	1.16
¾"	21.20	21.50	1.09	1.29
1"	26.60	26.90	1.16	1.36
1¼"	33.40	33.70	1.44	1.67
1½"	42.10	42.40	1.60	1.84
2"	60.20	60.50	1.70	1.90
3"	88.70	89.10	1.80	2.00
4"	114.10	114.50	1.90	2.10

Manufactured to BS-6099

½" to 2" Standard length 10 ft or 3 meter.

3" to 4" standard length 10 ft or 3 meter.

Colour: Grey

Other lengths are available on special order.

APPLICATIONS

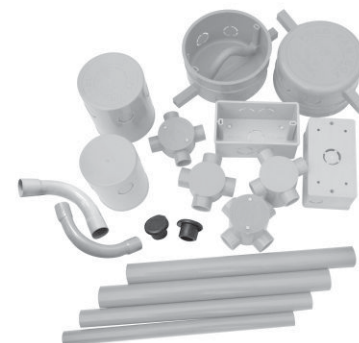
Open / surface and concealed wiring in house, residential, commercial infrastructure, buildings and industrial plants.

Telecommunications and Cable casing application.

Traffic signal connections, street light & wiring at public places.

ADVANTAGES:

- Non Corrosive.
- Smooth Inner & Outer Surface.
- Resistance to most Acids and Chemicals.
- Free from Decomposition.
- Reduce Labor Cost.
- Non Conductor of Electricity and prevent Electrical shocks.
- High mechanical strength for buried and open application.
- Non corrosive in nature and are immune to Chemical and Galvanic corrosion.
- Do not support combustion and are self extinguishing.
- Easy to handle, light weight, install and transport.
- Smooth inner surface for easy wiring.
- Flexibility for long radius bending.
- Long lasting life.



PPRC PIPES & FITTINGS

STANDARDS & SPECIFICATIONS

- DIN 8077/8078, DIN 16962

AVAILABLE SIZES

- Size Range: 25mm to 110mm



SALIENT FEATURES

Durability & Longevity:

PPRC pipes and fittings are designed to be long-lasting and resilient.

High Heat Resistance:

They excel in handling hot water and industrial applications due to their strong thermal performance.

Corrosion Resistance:

PPRC materials are highly resistant to chemical corrosion, ensuring reliability in various environments.

**PPRC PIPES & FITTINGS
DIAMETER & WALL THICKNESS
HOT & COLD WATER DISTRIBUTION SYSTEM**

SIZE	OUTER DIAMETER	PN-16 Wall Thickness		PN-20 Wall Thickness	
		MIN. mm	MAX. mm	MIN. mm	MAX. mm
mm	MAX. mm				
20	20.0~20.3	2.8	3.3	3.4	4.0
25	25.0~25.3	3.5	4.1	4.2	4.9
32	32.0~32.3	4.4	5.1	5.4	6.2
40	40.0~40.4	5.5	6.3	6.7	7.6
50	50.0~50.5	6.9	7.8	8.3	9.4
63	63.0~63.6	8.6	9.7	10.5	11.8
75	75.0~75.7	10.3	11.6	12.5	14.0
90	90.0~90.9	12.3	13.8	15.0	16.7
110	110.0~111.0	15.1	16.9	18.3	20.4

**PPRC PIPES & FITTINGS
ALLOWABLE OPERATING PRESSURE**

TEMP	TIME OF SERVICE	PN-16		PN-20	
		ALLOWABLE OPERATING PRESSURE			
°C	YEARS				
20	100	19.9	288.6	25.0	362.5
30	100	16.8	243.6	21.1	306.0
40	100	14.1	204.5	17.8	258.1
50	100	11.8	171.1	14.9	216.1
60	50	10.2	147.9	12.9	187.1
70	50	6.7	97.2	8.5	123.3
80	25	6.2	89.9	7.8	113.1

KEY FEATURES OF PPRC FOR CHEMICAL AND FLUID TRANSMISSION APPLICATIONS

- Corrosion and Erosion Resilience
- Chemical & Fluid Transmission
- High-Temperature Chemical Resistance
- Low Thermal Conductivity for Temperature Control
- Smooth Interior & Leak-Proof Fusion Joints
- Industrial Impact Strength, Longevity & Versatility.

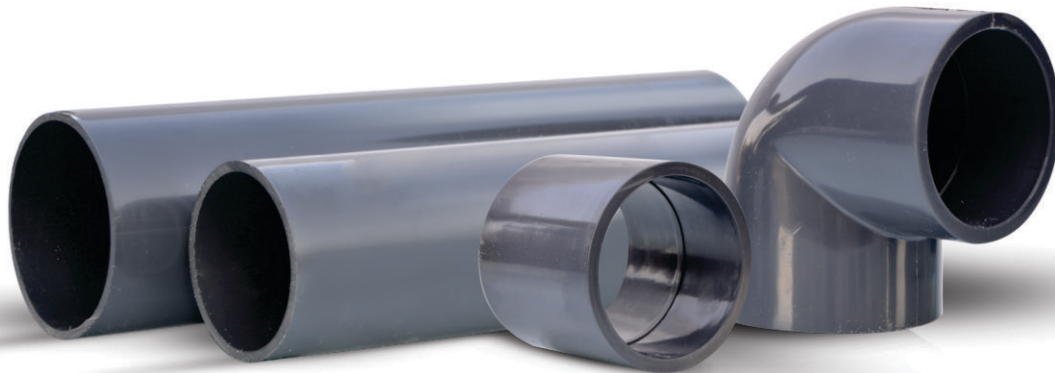
UPVC PRESSURE PIPES & FITTINGS

STANDARDS & SPECIFICATIONS

- BS-3505 & PS-3051
- EN-1401
- ASTM D-1785

AVAILABLE SIZES

- Size Range: 1/2" to 24"



NOTE:

- Polo Pipes specializes in the custom manufacture of pipes up to 630mm in diameter, considering the specific requirements of the customer.

SALIENT FEATURES

Robust Pressure Tolerance:

Engineered to handle high pressure situations with reliability.

Weatherproof and Durable:

Resistant to weather and wear, ensuring longevity.

Corrosion-Resistant:

Withstands chemicals and corrosion, making it versatile for various applications.

POLO PRESSURE PIPES FOR COLD POTABLE DRINKING WATER

AS PER BS-3505/PS-3051

STANDARD SPECIFICATION BS-3505 EQUIVALENT TO PS-3051										
NOMINAL SIZE	OUTER DIA (MM)		CLASS "B" 6 BAR		CLASS "C" 9 BAR		CLASS "D" 12 BAR		CLASS "E" 15 BAR	
			WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS	
INCH	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
½"	21.2	21.5	-	-	-	-	-	-	1.7	2.1
¾"	26.6	26.9	-	-	-	-	-	-	1.9	2.5
1"	33.4	33.7	-	-	-	-	-	-	2.2	2.7
1¼"	42.1	42.4	-	-	-	-	2.2	2.7	2.7	3.2
1½"	48.1	48.4	-	-	-	-	2.5	3.0	3.1	3.7
2"	60.2	60.5	-	-	2.5	3.0	3.1	3.7	3.9	4.5
2½"	75.0	75.3	-	-	3.0	3.5	3.9	4.5	4.8	5.5
3"	88.7	89.1	2.9	3.4	3.5	4.1	4.6	5.3	5.7	6.6
4"	114.1	114.5	3.4	4.0	4.5	5.2	6.0	6.9	7.3	8.4
5"	140.1	140.4	3.8	4.4	5.5	6.4	7.3	8.4	9.0	10.4
6"	168.0	168.5	4.5	5.2	6.6	7.6	8.8	10.2	10.8	12.5
7"	193.5	194.0	5.2	6.0	7.7	8.9	10.1	11.7	12.4	14.3
8"	218.8	219.4	5.3	6.1	7.8	9.0	10.3	11.9	12.6	14.5
10"	272.6	273.4	6.6	7.6	9.7	11.2	12.8	14.8	15.7	18.1
12"	323.4	324.3	7.8	9.0	11.5	13.3	15.2	17.5	18.7	21.6
14"	355.0	356.0	8.5	9.8	12.6	14.5	16.7	19.2	20.5	23.6
16"	405.9	406.9	9.7	11.2	14.5	16.7	19.0	21.9	23.4	27.0
18"	456.7	457.7	11.0	12.7	16.3	18.8	21.4	24.6	-	-
20"	507.5	508.5	12.2	13.7	18.1	20.2	-	-	-	-
22"	558.6	559.3	13.4	15.0	19.9	22.1	-	-	-	-
24"	609.1	610.1	14.6	16.3	21.7	24.1	-	-	-	-

- ➔ Pipes upto 12" are normally available from stock other large diameter pipes can be manufactured on request max. 24".
- ➔ Standard Length: 4m (13 ft) & 6m (20 ft) other length can be manufactured on request.
- ➔ Pipes of nominal diameter or above 8" are normally socketed at one end (to suit either rubber ring or solvent cement joint).

UPVC SWV PIPES & FITTINGS

STANDARDS & SPECIFICATIONS

- ASTM D-2241 & ASTM D-2466 SDR Series

AVAILABLE SIZES

- Size Range: 1/2" to 8"



SALIENT FEATURES

Chemical Resilience:

With exceptional resistance to chemicals, they ensure long-lasting performance in corrosive environments.

Efficient Flow:

Smooth interior promotes high flow rates, preventing clogs and maintaining system effectiveness.

Fire Safety:

Non-flammable and non-conductive, offering a secure choice for both sewage systems and drainage environments.

STANDARD SPECIFICATION ASTM D-2241 (SDR SERIES)

NOMINAL SIZE INCH	OUTSIDE DIAMETER MM		STANDARD DIMENSION RATIO (SDR)											
			WALL THICKNESS (MM)											
			41		32.5		26		21		17		13.5	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
½"	21.24	21.44	-	-	-	-	-	-	-	-	-	-	1.57	2.08
¾"	26.57	26.77	-	-	-	-	-	-	1.52	2.03	1.57	2.08	1.98	2.49
1"	33.27	33.53	-	-	-	-	1.52	2.03	1.6	2.11	1.96	2.46	2.46	2.97
1¼"	42.03	42.29	-	-	1.52	2.03	1.63	2.13	2.01	2.52	2.49	3.0	3.12	3.63
1½"	48.11	48.41	-	-	1.52	2.03	1.85	2.36	2.29	2.8	2.84	3.35	3.58	4.09
2"	60.17	60.47	-	-	1.85	2.36	2.31	2.82	2.87	3.38	3.56	4.06	4.47	4.98
3"	88.70	89.10	2.16	2.67	2.74	3.25	3.43	3.94	4.24	4.75	5.23	5.87	6.58	7.37
4"	114.07	114.53	2.8	3.3	3.51	4.01	4.39	4.9	5.44	6.1	6.73	7.54	8.46	9.47
6"	168.00	168.56	4.11	4.62	5.18	5.79	6.48	7.26	8.03	9.0	9.91	11.1	12.47	13.97
8"	218.70	219.46	5.33	5.97	6.73	7.54	8.43	9.45	10.41	11.66	12.9	14.45	-	-

Pressure Rating at 23°C

Pipe-SDR	41	32.5	26	21	17	13.5
Rating P.S.I	100	125	160	200	250	315

Manufactured to: ASTM D-2241-88
 Standard Length: 4 MTR (13-ft)
 Socket Type: Bell End, Colour: White



POLO HYDRO PIPES STANDARDS & SPECIFICATIONS

- POLO HYDRO M-PVC PIPE SDR (Multi Layer PVC Pipes)
- As per ASTM-D 2241 RTM # 149027

AVAILABLE SIZES

- Size Range: 1" to 4"



SALIENT FEATURES

Robust Build:

Constructed with durable M-PVC material for long-lasting performance in various applications.

Smooth Flow:

Designed with SDR technology for efficient water flow and reduced friction.

Weather Resistant:

Withstands environmental conditions, making it suitable for both indoor and outdoor use.

SIZE	1"	1"	1"	1"	1"
CLASS	SDR-28	SDR-26	SDR-21	SDR-17	SDR-13.50
WALL THICKNESS	1.200	1.520	1.600	1.950	2.460

SIZE	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
CLASS	SDR-38	SDR-32.50	SDR-26	SDR-21	SDR-13
WALL THICKNESS	1.10	1.52	1.62	2.00	

SIZE	2"	2"	2"	2"	2"	2"
CLASS	SDR-42	SDR-35	SDR-32.50	SDR-26	SDR-21	SDR-17
WALL THICKNESS	1.50	1.75	1.90	2.30	2.90	3.50

SIZE	3"	3"	3"	3"
CLASS	SDR-41	SDR-32.50	SDR-26	SDR-21
WALL THICKNESS	2.15	2.75	3.43	4.25

SIZE	4"	4"	4"
CLASS	SDR-41	SDR-32.50	SDR-26
WALL THICKNESS	2.80	3.50	4.39



ADVANTAGES:

- Durability and corrosion resistance
- Smooth interior for efficient fluid flow
- Chemical resistance for diverse applications
- Cost-effective compared to other materials
- Lightweight and easy to handle
- Low maintenance requirements
- Versatile applications in water supply, irrigation, and drainage systems.

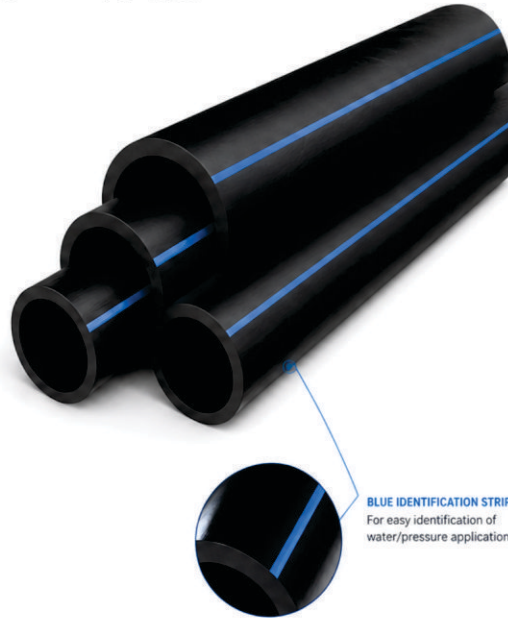
HDPE PIPES & FITTINGS

STANDARDS & SPECIFICATIONS

- ISO-4427
- DIN 8074/8075
- PS-3580

AVAILABLE SIZES

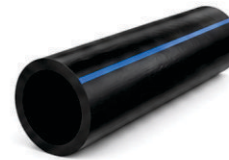
- Size Range: 20mm to 450mm



BLUE IDENTIFICATION STRIPE
For easy identification of water/pressure applications.

MULTIPLE ANGLES

PERSPECTIVE VIEW



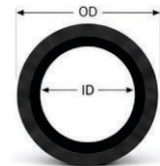
FRONT VIEW



TOP VIEW



END VIEW (CROSS SECTION)



DIAGONAL STACK VIEW



VERTICAL VIEW



SALIENT FEATURES



Leak-Free:

HDPE pipes and fittings offer exceptional leak resistance, ensuring reliable water transport.



Durability:

High-density polyethylene provides strong and resilient infrastructure for long-term use.



Environmentally Friendly:

HDPE is recyclable and eco-friendly, contributing to sustainable projects.



Chemical & Corrosion Resistant:

Resistant to chemicals, corrosion and scale, ideal for harsh environments.

PRODUCT RANGE

HDPE STANDARD SPECIFICATIONS (PE 100 MATERIAL)

DN	SDR 11 (PN 16)	SDR 13.6 (PN 12.5)	SDR 17 (PN 10)	SDR 21 (PN 8)	SDR 26 (PN 6)	DN	SDR 11 (PN 16)	SDR 13.6 (PN 12.5)	SDR 17 (PN 10)	SDR 21 (PN 8)	SDR 26 (PN 6)
O.D (mm)	e (mm)	e (mm)	e (mm)	e (mm)	e (mm)	O.D (mm)	e (mm)	e (mm)	e (mm)	e (mm)	e (mm)
20	2.0	-	-	-	-	160	14.6	11.8	9.5	7.7	6.2
25	2.3	2.0	-	-	-	180	16.4	13.3	10.7	8.6	6.9
32	3.0	2.4	2.0	-	-	200	18.2	14.7	11.9	9.6	7.7
40	3.7	3.0	2.4	2.0	1.8	225	20.5	16.6	13.4	10.8	8.6
50	4.6	3.7	3.0	2.4	2.0	250	22.7	18.4	14.8	11.9	9.6
63	5.8	4.7	3.8	3.0	2.5	280	25.4	20.6	16.6	13.4	10.7
75	6.8	5.6	4.5	3.6	2.9	315	28.6	23.2	18.7	15.0	12.1
90	8.2	6.7	5.4	4.3	3.5	355	32.2	26.1	21.1	16.9	13.6
110	10.0	8.1	6.6	5.3	4.2	400	36.6	29.4	23.7	19.1	15.3
125	11.4	9.2	7.4	6.0	4.8	450	40.9	33.1	26.7	21.5	17.2
140	12.7	10.3	8.3	6.7	5.4						

APPLICATIONS

- Air conditioner ducting
- Submarine delivery system
- Acid and Slurries transportation
- Telecommunication cable ducting
- Water supply for irrigation in fields
- Sprinkler irrigation & Insecticide spraying
- External & internal drainage and sewage
- For disposal of chemical effluent and waste
- Drawing water from pump set for distribution
- Oil and milk transportation in industries and dairies
- Most suitable for submersible pumps and jet pumps
- In petrochemical, paper, dye, paint, cement and chemical industries



Water Supply



Sewage &
Drainage



Irrigation



Industrial
& Mining



Gas Distribution
(with approval)

PVC GARDEN PIPE

GARDEN PIPE SIZE RANGE

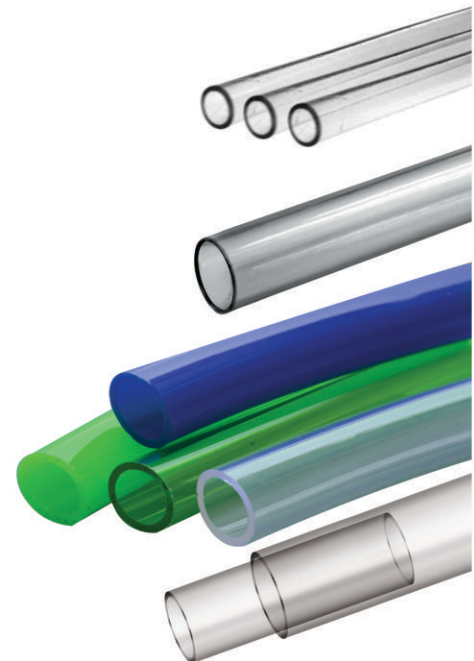
1/2" 2.0mm | 1/2" 2.5mm | 3/4" 2.0mm | 3/4" 2.5mm | 3/4" 3.0mm | 3/4" 3.5mm | 3/4" 4.0mm
1" 2.5mm | 1" 3.0mm | 1" 3.5mm | 1-1/4" 3.5mm | 1-1/2" 3.5mm | 2.0" 4.5mm

GENERAL APPLICABILITY OF "POLO" REINFORCED HOSES:

- Gardening uses
- Compressed air applications
- Industrial uses
- Pneumatic applications
- Construction
- Automobile services & Garage applications
- Welding Applications
- Mining & Rock Drilling
- Agricultural spraying such as insecticides, fertilizers & water
- Light application for oil suction
- Pest control
- Diesel oil, Mineral Oil, Light chemicals conveying

SALIENT FEATURE

- Strong and Durable
- With smooth internal surface it provides better flow characteristics
- Resistant to Corrosion, Rusting, Chemical, Scale Formation
- Easy to Handle
- No Weather Effect
- Different Colors

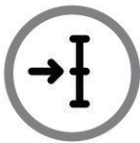


UPVC SOLVENT CEMENTS

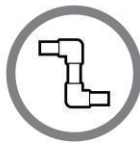
FOR HIGH RISE - HIGH PRESSURE PLUMBING SOLUTIONS

Size Range: ASTM D-2564 STANDARDS

ADVANTAGES



Medium-bodied
uPVC Solvent
Cement



Solvent Cement for use
with un-plasticized
PVC Pipes & Fittings



Low VOC



Ideal product for
cold water plumbing



SALIENT FEATURES

- Matchless Quality
- Convenient to use
- Ensure a strong & consistent weld
- All schedules 1/2" dia, through 12" dia. pipe
- For pressure & cold
- Potable water & industrial piping system



OUR ACHIEVEMENTS





INCOME TAX CERTIFICATES

 Revenue Division
Federal Board of Revenue
Government of Pakistan

TAXPAYER REGISTRATION CERTIFICATE

ORIGINAL

NTN	2044603-9		
Category	ADP		
Status	RESIDENT		
Reg. / Inc No.	-2044603	Reg. / Inc Date:	03-APR-2008
Name	AL-RAAI PLASTIC WORKS		
Address	PLOT NO 313, SUFI MUHAMMAD, SHAFI ROAD, JIA MUSA, SHAHDARA, LAHORE, DISTT. LAHORE, PUNJAB		
Principal Activity	MANUFACTURE OF PLASTICS PRODUCTS		
Other Activities	1) EXPORTER 2) IMPORTER 3) OTHER RETAIL SALE NOT IN STORES, STALLS OR MARKETS		
Registered for	Income Tax	w.e.f	25-MAY-2004
	Sales Tax	w.e.f	01-MAR-1999
	(EXPORTER, IMPORTER, MANUFACTURER, RETAILER)		
Representative's	CNIC/ NTN	3520256074995	
	Name	MUNGER AHMED SAJJID	
	Email Address	VIRK3264@GMAIL.COM	
Tax Office	RTO-I LAHORE		
Business Name	1) REGISTERED FOR SALES TAX w.e.f 01-Mar-1999 AL-RAAI PLASTIC WORKS PLOT NO.313,SUFI MUHAMMAD SHAFI ROAD JIA MUSA, SHAHDARA, LAHORE, LAHORE, PUNJAB		

This Certificate Shall be prominently displayed at a conspicuous place of the premises in which business or work for gain is carried on. NTN number is also required to be indicated on the signboard.

NOTE:- The NTN must be written on all returns, payment challans, invoices, letter heads, advertisements etc. and all correspondence made with the tax departments.


TCRRT-143012-34296954-3

Date of Printing: 26-APR-2012



SALES TAX CERTIFICATES

GOVERNMENT OF PAKISTAN
COLLECTORATE OF SALES TAX AND FEDERAL EXCISE LAHORE

DUPLICATE
2005072008

CERTIFICATE OF REGISTRATION
Under Sales Tax Act, 1990

14
12-03-08

(01) NAME M/S AL-RAAI PLASTIC WORKS

(02) ADDRESS PLOT NO. 113, SUFI MUHAMMAD SHAHI ROAD, JIA MUSA,
SHAHIDARA
LAHORE

(03) you have been registered as :

<input checked="" type="checkbox"/> Manufacturer	<input checked="" type="checkbox"/> Importer	<input checked="" type="checkbox"/> Exporter
<input checked="" type="checkbox"/> Distributor	<input checked="" type="checkbox"/> Wholesaler	<input checked="" type="checkbox"/> Retailer
<input checked="" type="checkbox"/> Ship Breaker	<input checked="" type="checkbox"/> Services	

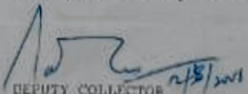
This means that you must:

- (i) Charge Sales Tax on all taxable supplies made during the course of taxable activity.
- (ii) File a return in designated bank relating to a month on or before the 15th of the following month.
- (iii) File a Nil-Return even if no taxable activity takes place during the current tax period.
- (iv) Abide by provisions of Sales Tax Act, 1990, and rules made there under.

(04) Your Sales Tax Registration Number is : 03-06-3917-491-82

(05) Date of Registration : 01-MAR-1999
{ The first of March 1999 }

(06) This number must be shown in tax return and all the invoices issued by you and quoted in all your correspondence with the Sales Tax Department.


DEPUTY COLLECTOR
SALES TAX
(REGISTRATION & INFORMATION)
DIVISION

ISO 9001:2015 CERTIFICATES



ENLISTMENT CERTIFICATES

Serial No. 2053 Registration No. DP&W/E-2/WS/030/2013



**ENGINEER-IN-CHIEF'S BRANCH
CERTIFICATE OF ENLISTMENT/REGISTRATION**

M/S Al-Ruai Plastic Works, Lahore "POLO Brand"

HAVE BEEN ENLISTED / REGISTERED IN CATEGORY "WS" FOR SUPPLY OF FOLLOWING PRODUCTS

1.	UpVC Pipe & Fittings Dia: 2" to 12"	2.	PPRC Pipe & Fittings Dia: 20mm to 110mm
3.	XXXXX	4.	XXXXX
5.	XXXXX	6.	XXXXX

This certificate is valid/renewed up to: 31 July 2027

Initial date of Registration with MES since 2013


Brig
For Engineer-in-Chief
(Akbar Saleem Khan)

Date 20 July 2025

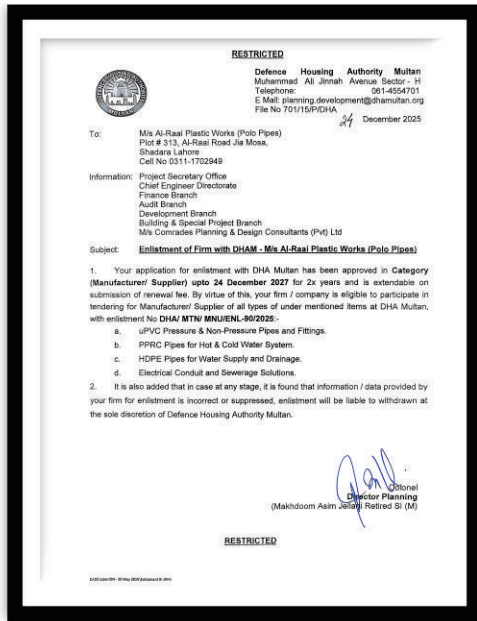
(NON TRANSFERABLE)

ENLISTMENT CERTIFICATES

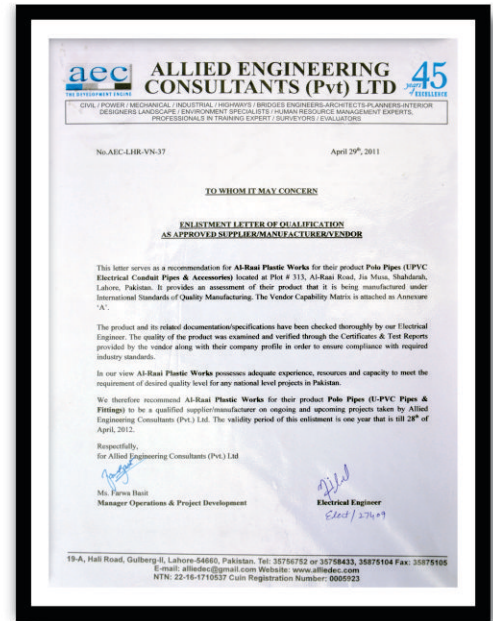




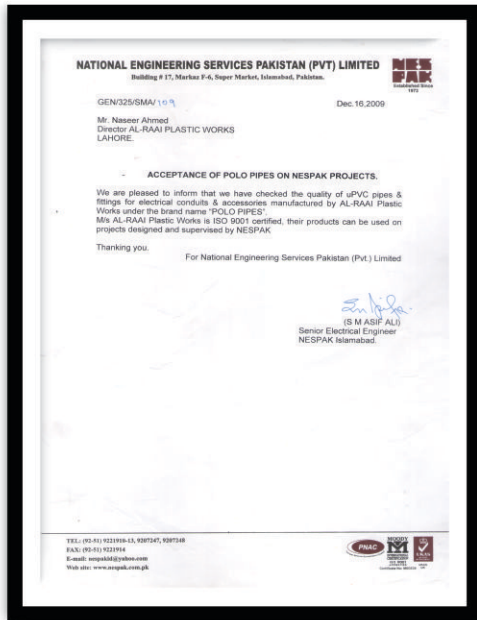
**ENLISTMENT LETTER
DHA MULTAN**



**ENLISTMENT LETTER
AEC PVT. LTD.**



**APPROVAL LETTER
NES PAK**



**APPROVAL LETTER
USAID**



SOME OF OUR MAJOR PROJECTS



HOUSING SOCIETIES LAND DEVELOPMENT



✓ New Metro City, Sarai Alamgir



✓ New Metro City, Gujjar Khan



✓ New Metro City, Lahore



✓ New Metro City, Mandi Bahuddin



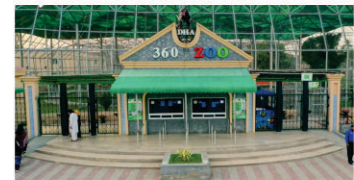
✓ Housing Society, Peshawar

- ✓ New Metro City, Lahore
- ✓ Union Green Lahore
- ✓ Housing Scheme, Thattah
- ✓ Housing Society, Peshawar
- ✓ Housing Scheme, Dera Allah Yar
- ✓ New Muzaffargarh Housing Scheme
- ✓ Chowk Tower, Multan
- ✓ Smart City, Multan
- ✓ Premium Homes (DHA) Multan
- ✓ ATC Villas (DHA) Multan
- ✓ Sareen Tower, Multan

✓ Icon Villas, Multan



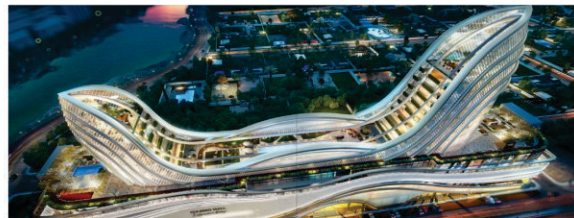
✓ DHA Zoo, Multan



HIGHRISES MULTISTORY BUILDINGS

ISLAMABAD / RAWALPINDI

- ✓ IT Park
- ✓ Passenger Termnl. Bldng Benazir International Islamabad Airport
- ✓ Mall Of Gulberg
- ✓ External Electrification Isb. Airport
- ✓ British Embassy
- ✓ Indian Embassy
- ✓ Urology Hospital
- ✓ Foreign Office Hostel
- ✓ Different Block of Islamic University
- ✓ Ewan-E-Quaid F-9
- ✓ PNRA Auditorium
- ✓ Bari Imam Complex
- ✓ Mirador (villas DHA)
- ✓ Southern Power Head Office
- ✓ Islamabad Club
- ✓ PNS Zaffer
- ✓ Rose Center
- ✓ Khadadad Heights
- ✓ Gold Crest
- ✓ Pemra Building
- ✓ Mid City Apartment
- ✓ CDA Toll Plazas
- ✓ DHA Housing
- ✓ Sheikh Zayed Int. Academy
- ✓ H.Q FWO
- ✓ CSD Flats
- ✓ US Embassy
- ✓ Rwp. Education Board
- ✓ Emigration Tower
- ✓ Fed. Chamber Of Commerce
- ✓ Sarina Business Center
- ✓ Quaid-e-Azam Hospital
- ✓ Askari - 14
- ✓ Askari - 10
- ✓ Material Bank
- ✓ MES H.Q Building
- ✓ APS School Building
- ✓ NFRD Head Office Building
- ✓ Safa Gold
- ✓ T.B Hospital
- ✓ Medical Plaza
- ✓ Wallayat Complex
- ✓ Business Plaza
- ✓ Nust (NEES)
- ✓ Comsat
- ✓ Federal Tribunal Complex
- ✓ Army Housing
- ✓ Wafaqi Urdu University
- ✓ Children Hospital PIMS
- ✓ Auditorium & Masjid at Sectr.
- ✓ Turkish Embassy (Extension)
- ✓ Kohistan Heights
- ✓ Mall of Saddar
- ✓ River Hills Apartments
- ✓ Paradiem Apartments
- ✓ EOBI
- ✓ Margallah Hills
- ✓ Emirate Tower
- ✓ 5-Star Plaza
- ✓ Rabi Center
- ✓ Helipad
- ✓ TQ Mall
- ✓ Pakistan Matrological Depart.
- ✓ FWO Headquarters
- ✓ CSD Residential Apt.
- ✓ JCOs Residential Apt.
- ✓ Officers Residential Apt.
- ✓ Buchery Complex
- ✓ Rabi Center
- ✓ Sheikh Zaid Academy
- ✓ Data Center Guj. Wazirabad
- ✓ Judicial Complex islamabad



NOTEABLE PROJECTS

LAHORE

- ✓ Bus Rapid Transit Lahore
- ✓ Commercial Plaza Lahore
- ✓ Jasmine Heights Lahore
- ✓ NFC Apartment Lahore
- ✓ Jamia Masjid C Block
- ✓ NHA Toll Plazas, G.T. Road
- ✓ BRT Main Station Chamkani
- ✓ BRT Shopping Centre Hashatnagri
- ✓ Terminal Building Hayatabad
- ✓ Shoping Plaza

KARACHI

- ✓ YKK Pakistan Private Limited
- ✓ Port Bin Qasim
- ✓ Karachi Port East
- ✓ Residential Appartments PEAC
- ✓ Karachi Port West
- ✓ Children Hospital
- ✓ Yamaha Heavy Bike Factory
- ✓ Sukkur Hospital 200 Beds

PESHAWAR

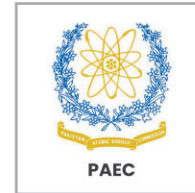
- ✓ Shaheed Benazeer Woman University, Peshawar
- ✓ Nasir Quarters, Peshawar
- ✓ Eata Building, Peshawar
- ✓ Mall Tower, Peshawar
- ✓ Special Branch Building, Peshawar
- ✓ Medium Barracks, Peshawar
- ✓ A.W.K.U.M, Mardan
- ✓ Bannu Medical College, Bannu
- ✓ Khalifa Gul Nawaz Teaching Hospital, Bannu
- ✓ E-type/f-type Flates, Peshawar
- ✓ Fountain House, Peshawar
- ✓ College Of Physican & Surgeons, Peshawar
- ✓ Casualty Block Khyber Teaching Hospital, Peshawar
- ✓ Lady Rreading Hospiatal, Peshawar
- ✓ Park View Apartments, Peshawar
- ✓ Makkah Tower, Peshawar
- ✓ Marhaba Tower, Peshawar
- ✓ Judicial Complex, Charsada
- ✓ Central Police Office, Peshawar
- ✓ Officers Flates, Peshawar
- ✓ Cantonment Flats, Peshawar
- ✓ Central Jail, Mardan,
- ✓ Paf Base Badabair, Peshawar

MISC. PROJECTS

- ✓ Mangla Project New Mir pur City
- ✓ MDP (Tanaza Dam) Fatajung
- ✓ FATA School Project Bannu
- ✓ School Projects, Bala Kot/Budgram
- ✓ Hospital / schools Project, AJK
- ✓ Auspak University Haripur
- ✓ Army Public School, Chakri
- ✓ Hostel at EMO, Taxila
- ✓ Army Office Block, Chaklala
- ✓ Army Hospital, Chakri
- ✓ Army Apartments & Office, Chakri
- ✓ Office Block, Taxila
- ✓ Militery College, Jehlum
- ✓ Umer Dairy Farms, Ferozpur Watwan
- ✓ Officer Hostel Meran Suger Mills, D.I.Khan
- ✓ Allama Iqbal Town, Muzaffar Garh

- ✓ Hepetites Center, Peshawar
- ✓ Zintara Housing Society, Peshawar
- ✓ Distric Hospital, Batkhela
- ✓ Icma Building, Peshawar
- ✓ Central Jail Residential Area, Mardan
- ✓ City Shopping Maal, Peshawar
- ✓ C&W Office & Car Parking, Peshawar
- ✓ Shiekh Yaseen Flates, Peshawar
- ✓ Shiekh Yaseen Prime Villas, Peshawar
- ✓ Cant General Hospital, Peshawar
- ✓ Deans Trade Center, Peshawar
- ✓ Royel Tower, Peshawar
- ✓ Firdos Cilk Center, Peshawar
- ✓ Shaheed Benazeer Woman University
- ✓ Nasir Quarters, Peshawar
- ✓ Etta Building, , Peshawar
- ✓ Mall Tower, Peshawar
- ✓ Special Branch Building, Peshawar
- ✓ 8 Medium Barracks, Peshawar
- ✓ A.W.K.U.M., Mardan

OUR MILESTONES



NOTES

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FIND US



HEAD OFFICE

Plot # 313, Al-Raai Road, Jia Musa
Shahdara, Lahore-Pakistan