



Founded in the year 1986, AKG is an acknowledged leading manufacture of Plastic piping systems, wire and cables for various applications. AKG sets an example of continues innovation, upgrading to ever growing market needs and changing consumer perceptions.

**AKG Plastics Pvt Ltd (Electrical division of AKG Group)** is engaged in manufacturing pvc electrical conduits & related accessories, pvc mini trunking, pvc wiring channels (Slotted / Unslotted), Metallic Modular boxes, Fan boxes , concealed boxes and **all types of wires & cables.**

**AKG Extrusions Pvt Ltd (Plumbing & Sanitary division of AKG Group)** is engaged in manufacturing cPVC pipes & fittings (SDR 11 & SDR 13.5), uPVC, ASTM (Sch 40 & Sch 80) SWR, Agriculture & drainage pipes with exhaustive range of fittings.

AKG has a large scale most advanced multiple manufacturing plants located in Noida & Greater Noida (Delhi NCR region) with state-of-the- art manufacturing & testing equipments adhering to the national BIS & International Standards. Our sole mission & vision drives us to be known as the lifeline of every building thereby bringing life to every home. Our national and international standards remain unmatched, assured ISO 9001:2015, OHSAS 18001:2007, ROHS standards for restriction on use of certain hazardous substances.

## Many high-end building products under one roof



(A)

Conduits



(B)

Metalic Modular  
Boxes & Fan Boxes



(C)

Wire & Cables



(D)

Plumbing & Sainitary

## RIGID PVC CONDUITS & FITTINGS FOR ELECTRICAL INSTALLATIONS

AKG Round Conduit Pipes & Fitting are manufactured from a specially formulated unplasticized polyvinyl Chloride to meet the most stringent Indian & international Standards our products are made of extra super high impact material which makes them safe to use in harsh environments. The products are manufactured in accordance with highest: IS 9537/Part3 1983 for PVC Conduit & IS 3419,1988 for fittings.

### Application :

- For channelizing Concealed & Surface Wiring
- Tele-Communication & Cable Ducting

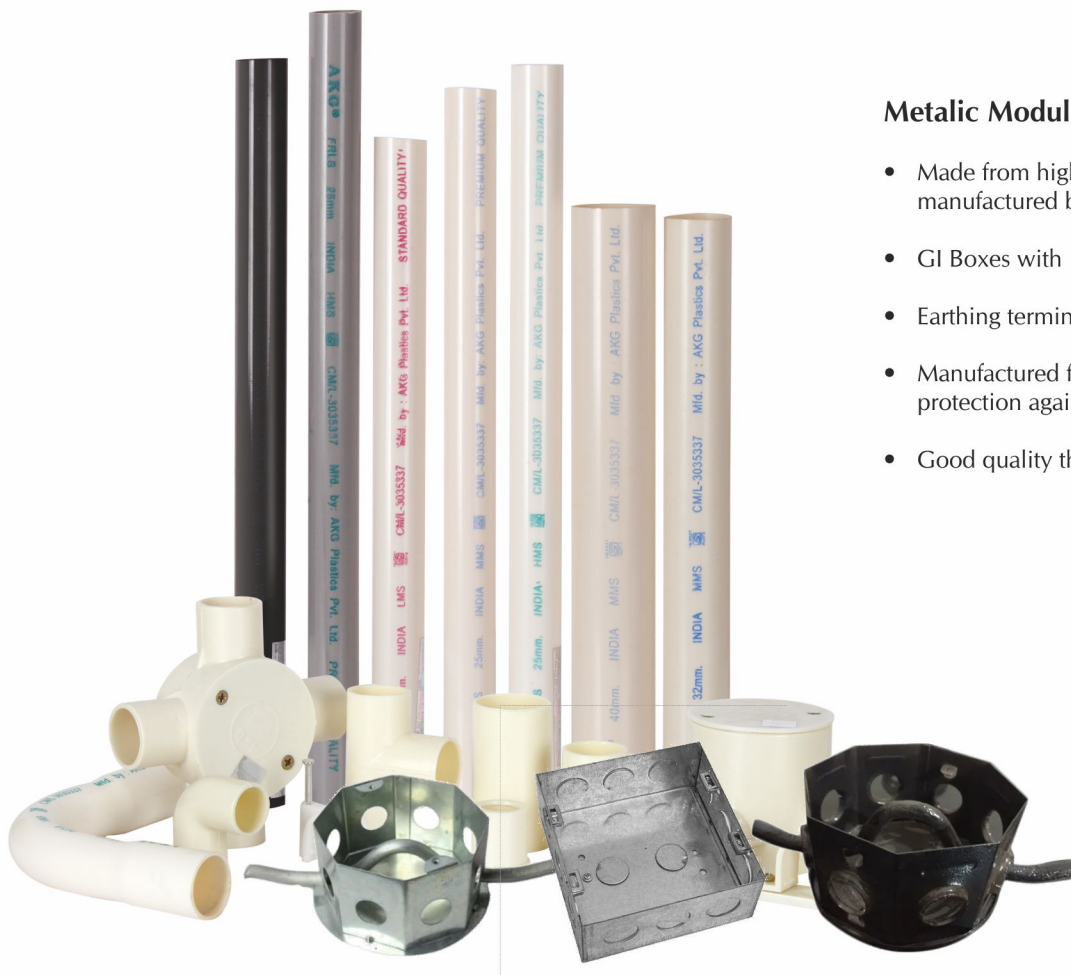
### Silent Features:

- Adaptable to standard Concealed Wiring System as per IS & BS Standards
- Virgin Suspension grade K-67 PVC
- Processed on twin screws extruders
- Minimum filler ensures high impact strength
- Unplasticized PVC Formulated to Improve the mechanical Strength
- UV Stabilized
- Working temp  $-5^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

### Colors:

Black, Grey & Ivory

White, Red, Green & Yellow are available on Request



### Metallic Modular Boxes & Fan Boxes

- Made from high quality pre galvanised sheets manufactured by Tata, Jindal and Sail.
- GI Boxes with 120GSM zinc coating.
- Earthing terminal to avoid shock.
- Manufactured from GI sheet having 250 hrs protection against red rust.
- Good quality threads.

## CONDUIT PRODUCT LIST

S.No.	Item Description	Item Specification/Standard	AKG BIS (ISI) Licence No.
a	<b>Rigid PVC Conduit Pipes &amp; Fittings</b> Size: 20mm to 63mm Category: Light (LMS), Medium (MMS) & Heavy HMS Size: 20mm to 63mm	IS:9537 Part-III-1983 (Conduit Pipes)	CML-3035337
b	<b>PVC Conduit Fittings</b> Size: 20mm to 50mm	IS:3419-1988 (Fittings)	CML-3021629
c	<b>Modular Boxes</b> Size: 1 Module to 18 Module	Pre-Galvanized Interlocking System	
d	<b>MS/GI Fan Boxes</b>	Hexagon	

## CONDUIT APPROVALS / PRESTIGIOUS PROJECTS





## WIRE AND CABLE

AKG manufacturing wide range of wires & cables widely use in residential, commercial industrial & various infrastructure purposes. The state-of-the-art manufacturing unit for this purpose has been setup in the prime industrial area of Noida. (U.P.), which is installed with latest fully automatic manufacturing technology with testing laboratory to ensure reliable and effective range of wires and cables. Highly qualified, committed & experienced group of professionals lead the AKG manufacturing & quality team to meet various National/International standards & to cater to the rapidly changing needs of new emerging markets.

Today AKG is a one stop shop when it comes to meeting complete building wires & conduits requirements for domestic, institutional, and industrial sectors.

### **AKG FIRE CARE CABLE Resist Ignition:**

Extending the time before cables start to burn in a fire, providing more time to escape. Improve safety and human survival benefit in a fire.

### **AKG FIRE CARE CABLE Reduces Fire Propagation:**

By being slow to burn, reducing the immediate threat and extending escape time. Allow people to see and breath safely for longer

### **AKG FIRE CARE CABLE Reduce Smoke to a Minimum:**

Reducing disorientation, confusion and panic, with little smoke, people can see the exit routes clearly and have more time to follow them to safety. Emergency service have more time to operate effectively.

### **AKG FIRE CARE CABLE Do not contain Halogens:**

Hydriodic acid is not form during the fire. There is no threat of inhalation of this highly irritant chemical and no damage to sensitive or costly equipment's. Reduce fire damage of building and electric equipment.

### **Lan Cable-Cat5E 100 MHZ/ Cat6 300 MHZ:**

ANSI/TIA/EIA 568-B.2 compliant Category 5e UTP (Unshielded Twisted Pairs) is a high performance, high speed, 100 Ohm impedance Lan Cable with enhanced bit-rate signaling for extended distance in horizontal cabling, signal amplifiers for a length of 100m (328ft).

Cat6 300 MHz UTP Lan Cable while processing the performance characteristic of Cat 5e, this higher category cable is designed for higher electrical performance (at 300 MHz) and higher speed data transmission capacity for mission critical LAN application or structured cabling services.

- Low Attenuation and Cross talk
- Low NEXT (Near End Cross talk
- Low Power sum NEXT
- Ideal for use in horizontal structured cabling

### **Features & Benefits:**

- Excellent Flexibility
- Glossy & Smooth Surface Finish
- 99.99% Pure Electrolyte Grade & Bright Annealed Bare Copper
- Lower Electricity Bill
- Best Insulation grade in Industry
- Manufactured in Double extrusion Process



## WIRES & CABLES PRODUCT LIST

S.No.	Item Description	Item Specification/Standard	AKG BIS (ISI) Licence No.
a	<b>Wire &amp; Cables</b> <ul style="list-style-type: none"> <li>Single Core, FR/FRLSH/ZHFR Copper Conductor PVC Insulated wire Size: 0.75 sqmm - 16 sqmm</li> <li>Multi core round flexible cable 2C, 3C &amp; 4C Size: 0.50 sqmm - 4 sqmm</li> <li>UTP Lan Cable Cat-5 &amp; Cat-6</li> <li>CU/AL XLPE Insulated, PVC Sheathed, Armoured &amp; Unarmoured Cable</li> <li>CU/AL XLPE Insulated, PVC Sheathed, Armoured &amp; Unarmoured Cable</li> </ul>	IS: 694 - 2010	CM/L-8700086517
		IS: 694-2010	CM/L-8700086517
		IS: 1554(Pt-1)/1988	CM/L-800112717
		IS: 7098 (Pt-1)/1988	CM/L-800116515

## WIRES & CABLES APPROVALS

S.No.	Department Name	Location	Registration No. & Date	Approval Validity
1	Electricity Dept. Ranchi	Ranchi	287 (IS : 694:2010) dated - 27-04-023	1 Year from issuance date
2	Airport Authority of India	New Delhi	dated 22-09-2023	—
3	PWD, DELHI	New Delhi	23(8)/ADG(Proj)/PWD/ 2022-23/576 dated 12.05.2022	2 Year from issuance date
4	CPWD (J&K) AIIMS & IIM	Jammu & Kashmir	24(1) CE cum ED (AIIMS & IIM) /Jammu/838 dated 04.09.2019	—
5	CPWD, Satawari (Jammu)	Jammu	-	—
6	RDA (Raipur)	Chhatisgarh	1432C/2017/08 dated 06.07.2020	3 Year from issuance date
7	CPWD (Raipur)	Chhatisgarh	23(191) (149)/Raipur/2021/285 E dated 17.06.2021	2 Year from issuance date
8	PWD RAIPUR	Raipur	dated 03.05.2022	1 Year from issuance date
9	NBCC Ltd (Bhubneshwar)	Bhubneshwar	—	—
10	Awas Vikas Parishad (U.P)	Lucknow	2410/N-47/Approved Makes dated Nil	—
11	MES (Lucknow)	Lucknow	920004/9/CMPT-II/170/E2W dated 03.08.2021	2 Year from issuance date
12	UP PWD (Lucknow)	Lucknow	2379EM/14E.W.-CE(E/M)T.C.- 15/21-22 dated 25.08.2021	31.07.2023



## PLUMBING & SANITARY DIVISION

Founded in the year 1986, AKG is an acknowledged leading manufacturer of Plastic piping systems, Profiles, Wires and Cables for various purposes.

Dr. A K Garg Group of Companies comprises of:

- AKG Plastics Pvt. Ltd. (Electrical division): Manufacturing PVC Electrical Conduits and accessories, Wires and Cables, PVC trunking, Wiring channel and Cable management systems
- AKG Extrusions Pvt. Ltd. (Plumbing and Sanitary division): Manufacturing CPVC, uPVC, ASTM, SWR, Agriculture, Casing and Column pipes with exhaustive range of fittings

Three advanced plant are located in Delhi NCR region and use State of the art materials and technology. All the facility are ISO 9001:2015 certified and products are manufactured in accordance with relevant Indian (BIS) and other International Standards

With more than three decades of experience in the relevant field AKG has come a long way in gathering the trust and preferences of leading Architects, Consultants and Contractors across the country.

## PLUMBING & SANITARY DIVISION PRODUCT LIST

S.No.	Item Description	Item Specification/Standard	AKG BIS (ISI) Licence No.
a	<b>Plumbing &amp; Sanitary Pipes &amp; Fittings</b> <ul style="list-style-type: none"> <li>• CPVC Plumbing Pipes &amp; Fittings. (Size: 1/2" to 6") in SDR11 &amp; 13.5</li> <li>• uPVC Agriculture/Pressure Pipes &amp; Fittings. Size: OD 20mm to 315mm Class- 2.5, 4,6,8,10 &amp; 12.5 Kgf/sq.cm.</li> <li>• uPVC SWR Pipes &amp; Fittings. (Size: OD 75mm to 160mm in Class Type- A&amp;B</li> <li>• uPVC Plumbing Pipes &amp; Fittings. (Size: 1/2" to 6"/15mm to 160mm in Sch-40,80 &amp;120</li> <li>• uPVC Underground drainage &amp; Sewerage Pipes.</li> </ul>	IS: 15778 (Pipes) ASTM D 2846 (fittings)  IS: 4985-2021 (Pipes) IS: 7834-1987 (fittings)  IS: 13592-2013 (Pipes), IS: 14735-1999 (Fittings)  ASTM D 1785  IS: 15328: 2003	CM/L-8700062014 -  CM/L-8992717 CM/L-3235951  CM/L-3035438 CM/L-8700116718  -  CM/L-8700116415

## PLUMBING & SANITARY APPROVALS

S.No.	Department Name	Letter Ref.	Date	Valid Upto	Remarks
1	CPWD,Lucknow	20(02)/Chief Engineer (Lucknow)/253	31.10.2023	30.10.2025	UPVC & CPVC Pipes & Fittings
2	Airports Authority of India	AAI/CHQ-MIS & STD/ Engg( C)/EOI/2023/130	14.09.2023	13.09.2024	UPVC/CPVC/SWR Pipes & Fittings
3	MP PWD Bhopal	F 64-10/2023/Approved Material/SOR Cell/EinC (Building)/618	18.09.2023	17.09.2025	UPVC/CPVC & SWR Pipes & Fittings
4	CPWD, Patna	23(Product Approval)/C.E (Patna)/2023/4521-22	13.09.2023	12.09.2025	UPVC/CPVC & SWR Pipes & Fittings
5	CPWD(ADG)-Chandigarh	330-H	21.01.2022	20.01.2024	UPVC/CPVC & SWR Pipes & Fittings
6	U.P.Awas & Vikas Parisad, Lucknow	2410/M-47	10.06.2014	-	UPVC /SWR Pipes & Fittings
7	Lucknow Development Authority, Lucknow	202/S.E(P)/2016-17	20.10.2016	-	UPVC /SWR Pipes & Fittings
8	M.P.PWD(PIU) Make List			04.03.2023	PVC/UPVC/CPVC Pipes & Fittings

## PLUMBING & SANITARY APPROVALS

S.No.	Department Name	Letter Ref.	Date	Valid Upto	Remarks
9	M.E.S, Lucknow	920004/9CMPT-II/87/E2W	03.08.2021	02.08.2023	UPVC Pipe & Fittings
10	NBCC, J&K,Himachal, Punjab & Haryana	Make List for NIT	–	–	UPVC/CPVC Pipes & Fittings
11	CPWD,J&K( AIIMS Project)	24(1)/CE Cum ED(AIIMS & IIM) /Jammu/838	04.09.2019	–	UPVC/CPVC/SWR Pipes & Fittings
12	CPWD(ADG), New Delhi	24(3)/ADG/RD/Project Approval /W&TLQA/2020/217	11.01.2021	10.01.2023	UPVC/CPVC/SWR Pipes & Fittings
13	PWD,Bhubaneswar (Odisha)	40(A0/19 No.628	07.09.2019	–	UPVC/CPVC/SWR Pipes & Fittings
14	U.P.PWD, Lucknow		–	–	UPVC/CPVC/SWR Pipes & Fittings
15	Andhra Pradesh Township & Infrastructure Development Corporation, Nellore	Lr.No.03/APTIDCO/NCC /AKG/2018	28.08.2018	–	UPVC/CPVC/SWR Pipes & Fittings
16	Andhra Pradesh Township & Infrastructure Development Corporation, Kadapa	Lr.No.03/APTIDCO/NCC /AKG/2018	20.12.2018	–	UPVC/CPVC/SWR Pipes & Fittings
17	HITES, Noida	HITES/IDN/AIIMS-GUWAHATI /78-C/2019-20/655	18.02.2020	–	UPVC/CPVC/SWR Pipes & Fittings
18	M.P Housing Board, Bhopal	32/2022	23.02.2022	–	UPVC/CPVC/SWR Pipes & Fittings
19	CIDCO, MUMBAI	CIDCO/EE(PA & R) /P-2020/2022/259	11.05.2022	10.05.2024	UPVC/CPVC/SWR Pipes & Fittings
20	PWD, Delhi	No.23(8)/ADG(Proj.) /PWD/2022-23/575	12.05.2022	11.05.2024	UPVC/CPVC/SWR Pipes & Fittings
21	M.P.Housing & Infrastructure Development Board, Bhopal	Circular.No.25	09.05.2022	08.05.2024	UPVC/CPVC/SWR Pipes & Fittings
22	MAHADA	CE-I/EE-I/A/EF290/2022	25.05.2022	24.05.2024	UPVC/CPVC/SWR Pipes & Fittings
23	Raipur Development Authority	1248/C-2017/8/P-II	20.06.2022	19.06.2025	UPVC/CPVC/SWR Pipes & Fittings
24	S.O.R(2022-23)- Andhra Pradesh	15.06.2022	–	–	UPVC/CPVC/SWR Pipes & Fittings
25	U.P.Police Housing Corporation Limited	Letter Ref.538/Police Housing Corporation/U.P C R/19	30.04.2022	–	UPVC/CPVC Pipes & Fittings
26	Haryana Police Housing Corpn.	HPHC/Tech.Br/11562-72	13.07.2022	–	UPVC/CPVC/SWR Pipes & Fittings
27	CPWD,ADG-Hyderabad	50(1)/ADG-RH/CPWD /2022/1794-99	05.09.2022	04.09.2024	UPVC/CPVC/SWR Pipes & Fittings
28	Uttarakhand Peyjal Department	3133/50	03.08.2022	02.08.2023	UPVC/CPVC/SWR Pipes & Fittings
29	U.P Awas avam Vikas Parisad, Bundelkhand, Jhansi	235/Ex-En Bhundelkhand/24	19.07.2022	–	UPVC/CPVC/SWR Pipes & Fittings

## USP OF AKG SANITARY & PLUMBING PRODUCTS

We take pride in bringing to your kind notice that the below noted products manufactured by us in our brand AKG have been designed keeping in view of the specific needs of the sanitary & plumbing works at construction sites.

### 1) MULTI ANGLE RISER

**The salient features of Multi Angle Riser are given below:-**

- Multi Angle Riser is used to facilitate multiple pipe fitting option facility with two different sizes with in single article which makes it a unique & a compact structure.
- Easily alignment with P Trap and no requirement of pipe piece to connect due to OD ID compatibility.
- Due to this special angle of 45° degree we can save cost of two elbows.
- Due to this special angle of 45° degree water flow will be smooth and avoid blockage in long time use.
- It is used to branch a drain line at a 45° angle in 110 mm sewer and drain (Sewage & Drainage) pipe, in the installation of pressure & non-pressurized drainage and sewer piping systems.
- Fits in 110 mm & 63 mm piping system simultaneously.
- Easy Installation & Inspection, multiple compact structure for pipe fitment.



### 2) NAHANI TRAP

**The salient features of Nahani Trap are given below:-**

- Nahani trap in single piece no joint between inlet water line & outlet water line, thereby making it leak proof & ease of fitment to ward off foul smell.
- Nahani trap having minimum 10 mm water seal.
- Nahani trap having more durability than other Companies of Nahani Trap due to its unique design.



### 3) BALCONY FLOOR DRAIN

**The salient features of Balcony Floor Drain are given below:-**

- Balcony Floor Drain flow property better than other companies Fittings.
- Floor Drain height is just 70mm making it convenient to fit in balcony where dept is a constraint and it helps to avoid core cutting.
- Due to compact size, it can be easily fit with minimum space available.
- It easily drains the water because inside surface is smooth.
- Sizes of pipe 50 mm & 40 mm can be easily used at outlet by using Reducer/Adaptor.



### 4) CPVC ELBOW & TEE

**The salient features of CPVC Elbow & tee are given below:-**

- CPVC Elbow & TEE have better flow then other companies due to its unique co-eccentric design.
- CPVC Elbow & Tee Having hot performance up to 93°C.
- CPVC Fittings are safe for Drinking water as per BIS standard.
- CPVC Fittings having VST 105°C.
- This special fitting available in various sizes like 65 mm, 90 mm & 100 mm.

