



PALCONN TECHNOLOGY

A large, stylized version of the Palconn logo is centered on the page. It features the word "PALCONN" in a light gray, sans-serif font, set against a white, irregularly shaped background. This central element is surrounded by numerous concentric, wavy lines in various shades of red, creating a sense of depth and movement. The entire design is set against a solid red background with a subtle pattern of thin, wavy lines.

Approvals



Company profile

PALCONN is a leading piping system in developing, producing and exporting all kinds of plastic pipes and fittings in China which can provide integrated system solutions to create comfortable life, work and recreational environment.

We're mainly export PEX pipe, PERT pipe, PPR pipe, PB pipe, EVOH PEX/PERT/PB oxygen barrier pipe, PEX-AL-PEX pipe, PE-AL-PE Gas pipe, drip irrigation pipe, PVC/PP soundproof drainage pipe. Our products are widely used in floor heating, water supply, gas, air-condition, solar, irrigation, drainage system etc.

PALCONN adopts imported high quality material. High quality raw materials preliminary determine the quality of the pipe but strict monitoring quality control system throughout whole procedure from raw material supply to final products manufactured.

With the growing market demand, Palconn all production lines have upgraded to the most advanced high-speed extrusion equipment, whole production lines adopt the imported new generation SIMENS PLC control system to ensure pipe quality and producing efficiency.

We take samples for inspection to check the accuracy of pipe dimension when producing. We print clear marks, date, standard, production code and other specification on pipe for tracking and resourcing.

We also adopts precise automated testing equipment to monitor the producing all the time, strictly guarantee the pipe outside diameter, wall thickness and OOR strictly in the tolerance of standard. The Ultrasonic probe will accurately test the unqualified pipe then cuts it automatically.

All monitoring results must meet ISO9001 standard and be recorded, factory interior implement zero-defect quality management.

There is no doubt we have a complete quality management system so you can trust our pipe quality.

PALCONN pipe has been approved by many third-party of international authoritative organization. Such as NSF, CSA, UPC, WRAS, SAI GLOBAL, TUV Rheinland, Bureau Veritas, INTERTEK, SGS, ANNB, UKAS, CE certificates.

If you need reliable, efficient and high cost performance pipe system, Palconn will be your best choice.



PVC-U PIPE

DRAINAGE SERIES

OD(mm)	Wall thickness(mm)
50	2.0
75	2.3
110	3.2
160	4.0
200	4.9

RAIN SERIES

OD(mm)	Wall thickness(mm)
50	1.8
75	1.9
110	2.1
160	2.8
200	4.0

PVC-U FITTINGS



90 Degree Elbow

SPEC (mm)

50 75 110 160 200



45 Degree Elbow

SPEC (mm)

50 75 110 160 200



Equal Tee

SPEC (mm)

50 75 110 160 200



45 Degree Equal Tee

SPEC (mm)

50 75 110 160



90 Degree Elbow (checking hole)

SPEC (mm)

50 75 110 160 200



45 Degree Elbow (checking hole)

SPEC (mm)

50 75 110 160 200



Reducing Tee

SPEC (mm)

75X50 110X50 110X75 160X110



45 Degree Reducing Tee

SPEC (mm)

75X50 110X50 110X75 160X110



Bottle Tee

SPEC (mm)

110X50 110X75



Solid Cross

SPEC (mm)

110



Coupling

SPEC (mm)

50 75 110 160



Coupling(checking hole)

SPEC (mm)

50 75 110 160



P Trap

SPEC (mm)

50 75 110



Y Cross

SPEC (mm)

110



Eaqual Cross

SPEC (mm)

50 75 110 160



Uneaqual Coupling

SPEC (mm)

75X50 110X50 110X75 160X110



P Trap(checking hole)

SPEC (mm)

50 75 110



S Trap

SPEC (mm)

50 75 110



S Trap(checking hole)

SPEC (mm)

50 75 110



Expansion Joint

SPEC (mm)

50 75 110 160



Pipe Clamp

SPEC (mm)

50 75 110 160



Unequal Cross

SPEC (mm)

110X50 110X75 160X110



Air Cap

SPEC (mm)

50 75 110



End Plug

SPEC (mm)

50 75 110



H Type Tube

SPEC (mm)

50 75 110 160



Clamp

SPEC (mm)

50 75 110 160



Floor Drain

SPEC (mm)

50



Glue

PVC Fittings for Drainage Gasket items



Coupling

SPEC (mm)

50 75 110 160



Reducing Coupling

SPEC (mm)

75X50 110X50 110X75 160X110



Elbow

SPEC (mm)

40 50 75 110 160



45 Degree Elbow

SPEC (mm)

50 75 110 160



Equal Tee

SPEC (mm)

40 50 75 110 160



Reducing Tee

SPEC (mm)

75X50 110X50 110X75 160X110



Lateral Tee

SPEC (mm)

50 75 110



Reducing Lateral Tee

SPEC (mm)

75X50 110X50 110X75 160X110

PVC Electrical Conduit



General Introduction

Palconn PVC-U electrical conduit and fittings are of good quality, low cost, high safety and reliability. It has the advantages of beautiful appearance, light weight and easy bend, high strength, anti-aging, corrosion resistance, high fire resistance, good insulation and so on. It is used in the buildings and structures to protect and secure wire, cable and communication network.



standard	IEC 614
Items	upvc light-duty conduit tube
material	Polyvinyl chloride
size	Φ16 × 1.0 – Φ50 × 1.75mm
color	grey,white,orange
connection	socketed adhesive connection

Spec (mm)			
Φ16 × 1.0	Φ20 × 1.1	Φ25 × 1.3	Φ32 × 1.45
Φ40 × 1.65	Φ50 × 1.75	—	—



standard	AS/NZS 2053
Items	pvc conduit
material	Polyvinyl chloride
size	Φ16– Φ150 mm
color	grey,white,orange
connection	socketed adhesive connection

Spec (mm)			
Φ16	Φ20	Φ25	Φ32
Φ40	Φ50	Φ63	Φ65
Φ80NZ	Φ80AU	Φ100NZ	Φ100AU
Φ125	Φ150		



standard	ASTM NEMA TC2
Items	upvc electrical conduit
material	Polyvinyl chloride
size	1/2" – 12"
pressure	SCH40,SCH80
color	grey,white,orange
connection	socketed adhesive connection

Spec (mm)	Outside Dismeter(mm)	SCH40Wall Thickness(mm)	SCH80Wall Thickness(mm)
1/2"	21.34	2.77	3.73
3/4"	26.67	2.87	3.91
1"	33.4	3.38	4.55
1 1/4"	42.16	3.56	4.85
1 1/2"	48.26	3.68	5.08
2"	60.32	3.91	5.54
2 1/2"	73.02	5.16	7.01
3"	88.9	5.49	7.62
3 1/2"	101.6	5.74	8.08
4"	114.3	6.02	8.56
5"	141.3	6.55	9.52
6"	168.28	7.11	10.97
8"	219.08	8.18	12.7
10"	273.05	9.27	15.06
12"	323.85	10.31	17.05



standard	BS6099-2
Items	upvc electrical conduit
material	Polyvinyl chloride
size	20–63mm
color	grey,white,orange
connection	socketed adhesive connection

Normal size (mm)	Minimum Inside Diameter (mm)			Wall Thickness (mm)		
	Light	Medium	Heavy	Light	Medium	Heavy
20	17.4	16.9	15.8	1.3	1.55	2.1
25	22.1	21.9	20.6	1.45	1.8	2.2
32	28.6	27.8	26.6	1.7	2.1	2.7
40	35.8	35.4	34.4	2.1	2.3	2.8
50	45.1	44.3	43.2	2.45	2.85	3.4
63	57			3		

PVC Boxes & Conduit Accessories



Plastic Double Bush

Specification (mm)

20 25 32



Plastic Single Bush

Specification (mm)

20 25 32



Plastic Coupler

Specification (mm)

20 25 32 38 50



Plastic Conduit Clip

Specification (mm)

20 25 32



Junction Box

Specification (mm)

with 20mm Knock-out



Plastic Bush with Corrugated Connector

Specification (mm)

20 25 32



Conduit Saddle With Spacer

Specification (mm)

20 25 32



Plastic Conduit Saddle

Specification (mm)

20 25 32



90 Degree Junction Box Bend

Specification (mm)

20 25



Junction Box Cover

Specification (mm)



Plastic Elbow Bend With Cover

Specification (mm)	
20mm	



One Way Junction Box

Specification (mm)	
20	25



Junction Box 4 Way

Specification (mm)	
20	25



Plastic Straight Tee

Specification (mm)	
20	25



Plastic Elbow With Cover

Specification (mm)	
20*58*58	25*58*58



Junction Box Through Way

Specification (mm)	
20	25



Junction Box T Way

Specification (mm)	
20	25



Plastic 90 degree Elbow

Specification (mm)	
20	25



PVC Corrugated Conduit

Specification (mm)			
16	20	25	32



Plastic MCB Box

Specification (mm)	
189*139*70mm	



Plastic Switch & Socket Box MCB Board-4 Way

Specification (mm)
270*189*70mm



Plastic Switch & Socket Box MCB Board-8 Way/10Way

Specification (mm)
535*189*70mm



Plastic Ring Plug

Specification (mm)
20 25 23 38



Inspection Tee with Cover

Specification (mm)
20 25



Adaptable Box Waterproof

Specification (mm)
75*75*50mm or 3*3*2inch 100*100*50mm or 4*4*2inch
100*100*75mm or 4*4*3inch 150*150*50mm or 6*6*2inch
150*150*75mm or 6*6*3inch 150*225*75mm or 6*9*3inch
225*225*75mm or 9*9*3inch 225*225*100mm or 9*9*4inch
300*300*75mm or 12*12*3inch 300*300*150mm or 12*12*6inch



Plastic Switch & Socket Box MCB Board

Specification (mm)
328*189*70mm



Plastic Cover for Box

Specification (mm)



Plastic Male Bush

Specification (mm)
20 25 32



Terminal Block

Specification (mm)
12 Poles,3AMP 12 Poles,5AMP 12 Poles,6AMP 12 Poles,10AMP
12 Poles,15AMP 12 Poles,30AMP 12 Poles,60AMP



Communication Bends 90°

Specification (mm)
20 25

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