

# ATLANTA PERMALINE

## UPVC ELECTRICAL CONDUIT SYSTEM



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www.atlanta.ph



### Application

**Atlanta Permaline** is highly suitable for the protection of electrical wires and cables. It comes with thick wall, which is recommended for exposed and embedded application, respectively. Conforms to the specifications of the Bureau of Products Standards, PNS 14.



### Advantages



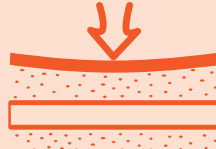
#### Dielectric Strength

It can withstand 2000 volts of substantially sine-wave form and having a frequency of 60hz, for 15 minutes between electrodes.



#### Resistance to Burning

It is fire retardant and suitable for exposing piping.



#### Compression Resistance

it can withstand impact stress and direct pressure.



#### Weather Proof

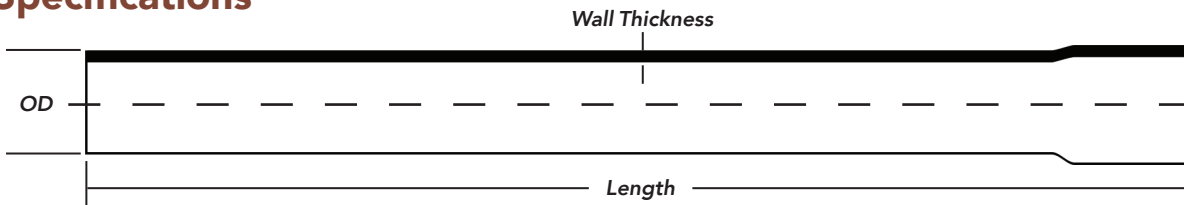
it can retain all properties under any weather condition.



#### High Insulation

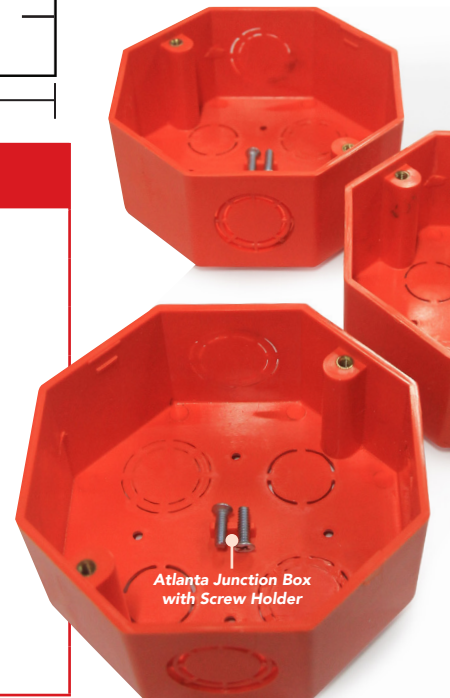
Being an insulator, it prevents grounding and short circuit.

### Specifications



Outside Diameter mm	Nominal Size in	Length M	Wall Thickness mm
20	1/2	3	2.2
25	3/4	3	2.3
32	1	3	2.4
40	1-1/4	3	2.4
50	1-1/2	3	2.4
63	2	3	2.5
75	2-1/2	3	2.9
90	3	3	3.5
110	4	3	4.2
*160	6	3	6.1


**NO MORE  
LOST SCREWS.**




Atlanta Junction Box with Screw Holder

## GENERAL PROPERTIES


Property	Test Method	Unit	Characteristic Value
Water Absorption	ISO 2508	g/m <sup>2</sup>	< 40
Tensile Strength at 15 °C	ASTM D638	PSI	> 4000
Elongation at Break	ASTM D638	%	15%
Compression Strength	ASTM D2241	-	No Cracking
Impact Strength	ISO 3127	% TIR	0% TIR
Resistance to Burning	PNS 14	-	Flame Extinguish Instantaneous
Vicat Softening	ISO 2507	°C	Above 76°C
Longitudinal Reversion	ISO 2505	%	Below 5%


Conduit Elbow		
	mm	in
	20	1/2
	25	3/4
	32	1
	40	1-1/4
	50	1-1/2
	63	2
	75	2-1/2
	90	3
	110	4
160	6	


End Cap		
	mm	in
	20	1/2
	25	3/4
	32	1
	40	1-1/4
	50	1-1/2
	63	2
	75	2-1/2
	90	3
	110	4
160	6	


Coupling		
	mm	in
	20	1/2
	25	3/4
	32	1
	40	1-1/4
	50	1-1/2
	63	2
	75	2-1/2
	90	3
	110	4
160	6	

Male Adapter		
	mm	in
	20	1/2
	25	3/4
	32	1
	40	1-1/4
	50	1-1/2
	63	2
	75	2-1/2
	90	3
	110	4
160	6	

Endbell		
	mm	in
	20	1/2
	25	3/4
	32	1
	40	1-1/4
	50	1-1/2
	63	2
	75	2-1/2
	90	3
	110	4
160	6	

Locknut with Bushing	
	Size
	L
	108mm
	W
	58mm
H	
45mm	

Utility Box	
	Size
	L
	108mm
	W
	58mm
H	
45mm	

Junction Box with Screw Holder*	
	Size
	H
44mm	

Pipe Clamp with Concrete Nail	
	Size
	20mm
	25mm
	32mm

Atlanta Low VOC PVC Cement	
	Size
	100cc
	200cc
	400cc

\*Atlanta Junction Box Cover is sold separately.

