

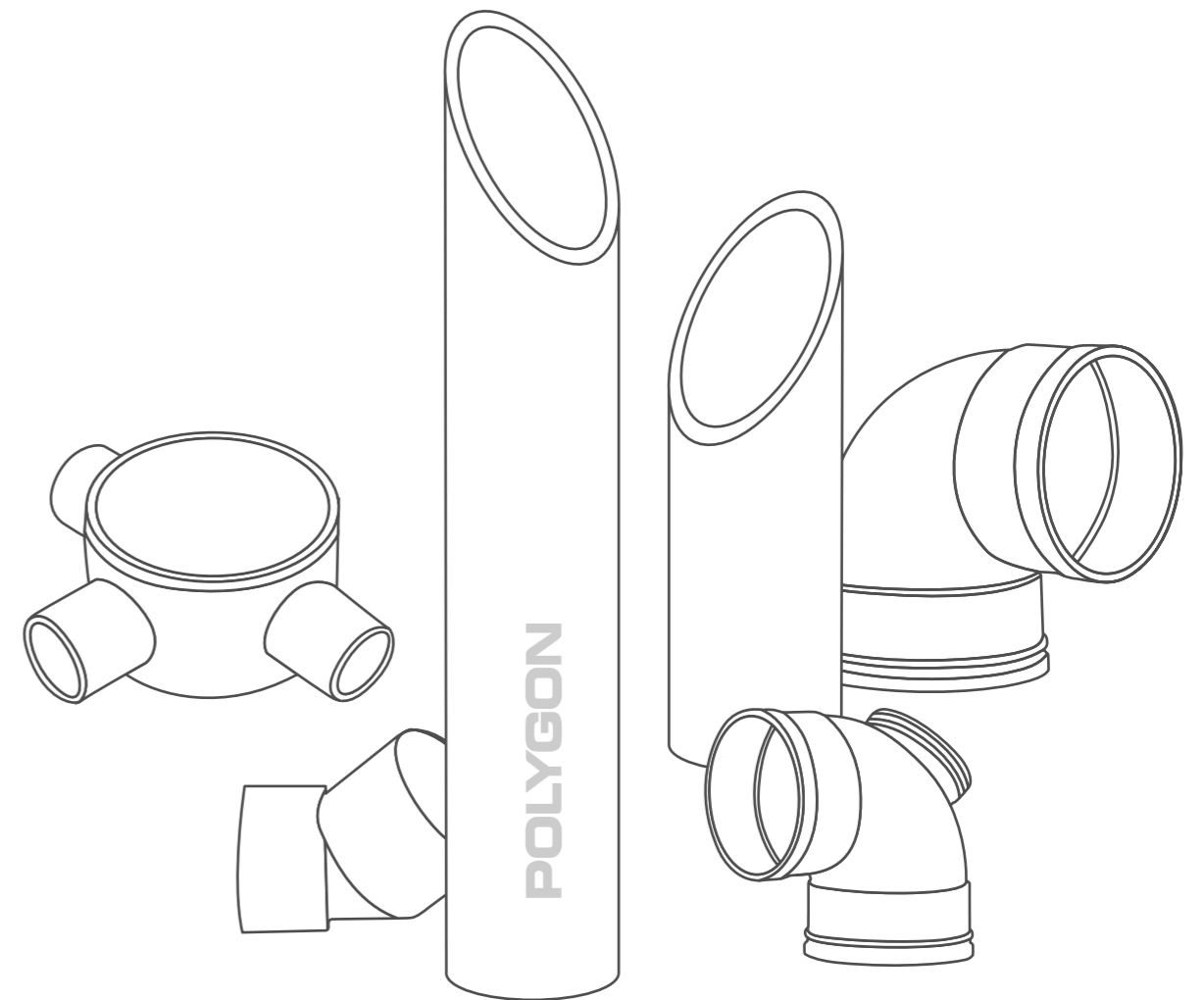
# POLYGON

## PVC PIPING SYSTEM

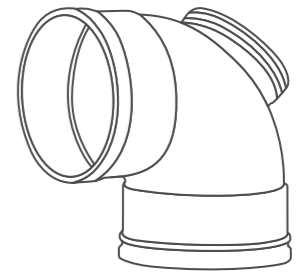
PRODUCT MANUAL



AKAN ENTERPRISE GROUP (ZHEJIANG) CO., LTD.  
Address: No.2528, Ganshan Road, Huzhou, Zhejiang  
Tel:0086-21-68155777  
Mailbox:sales@akan.com.cn  
<https://en.akan.com.cn>



# CONTENT



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**Projects**



# Brand Introduction

POLYGON Pipe is a well-known plastic piping system solution provider, specializing in the R&D, production and sales of plastic products of piping system, with leading technology and production equipment. The products cover water supply and drainage, ground-source heat pumps, co-layered drainage, siphon rainwater, municipal engineering, HVAC systems and other fields.

**1700000**  
Factory Scale

**3000**  
Group Employees

**500**  
Key Technical Personnel

**20000+**  
Marketing Network

**330+**  
City Coverage

**30+**  
Countries and Regions of Production and Sales



Baodi, Tianjin

▪ Baodi, Tianjin City [100, 002m<sup>2</sup>]



Huzhou, Zhejiang

▪ Huzhou, Zhejiang Province [193, 000m<sup>2</sup>]



Heyuan, Guangdong

▪ Heyuan, Guangdong province [20, 000m<sup>2</sup>]



Xinxiang, Henan

▪ Xinxiang, Henan Province [99, 733m<sup>2</sup>]



Jiangjin, Chongqing

▪ Jiangjin, Chongqing City [80, 000m<sup>2</sup>]



Liuyang, Hunan

▪ Liuyang, Hunan Province [110, 000m<sup>2</sup>]



## Digital and Intelligent Factory

The factory is in line with the times, equipped with advanced equipment at home and abroad, like advanced equipment production lines such as German KraussMaffei, Swiss Maillefer, etc., and advanced equipment including China's well-known Shuanglin of Zhejiang, Swedain of Zhangjiagang, Juyuan of Shanghai, etc. The workshop is equipped with robots and manipulators, realizing the accurate and refined production, and intelligent management and control.





# 4

## CNAS Laboratories

The group has built 4 CNAS Laboratories integrating R&D, testing and inspection, and introduced hydrostatic equipment from IPT and DSC from TA. With the support of CNAS laboratories, the group has realized the whole process of quality control from raw materials, production to finished products.

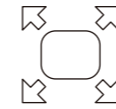


## PVC-U Drainage Pipes And Fittings



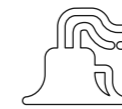
# PVC-U Drainage Pipes And Fittings

## Features:



### High mechanical strength

Excellent resistance to water pressure, external pressure, impact, and tensile strength.



### Low fluid resistance

With smooth drainage pipe walls that do not scale, this results in reduced resistance to fluid flow, with a roughness coefficient significantly lower than that of steel or cement pipes, allowing for smooth water flow and reduced blockage.



### Acid and alkali resistance

With excellent resistance to acids, alkalis, and corrosion. Bonded connections with good sealing, suitable for both exposed and concealed installations.



### Lightweight for easy handling

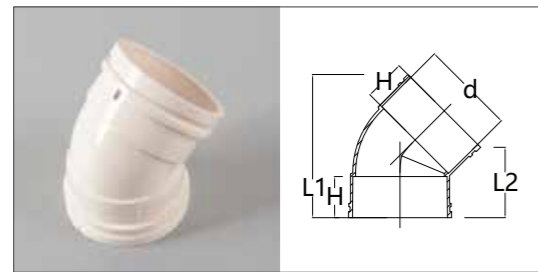
With a density that is 1/5 to 1/6 that of steel pipes, making it convenient for transport and installation, thereby reducing material and construction costs.

## 31 Series



Size (mm)
dn40x2.0
dn50x2.0
dn63x2.1
dn75x2.3
dn110x3.2
dn160x4.0
dn200x4.9

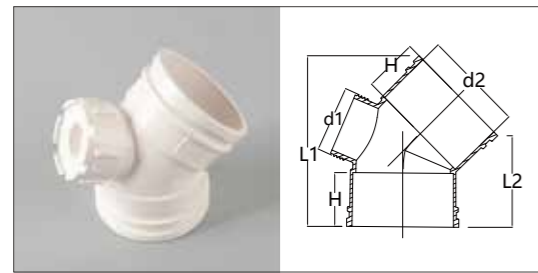
# FITTINGS



45°Elbow

Size (mm)	H	d	L1	L2
dn40	25.8	40	30	
dn50	25	50	84	43
dn75	40	75	128	69
dn110	48	110	167	82
dn160	58	160	221	100
dn200	60	200	265	114

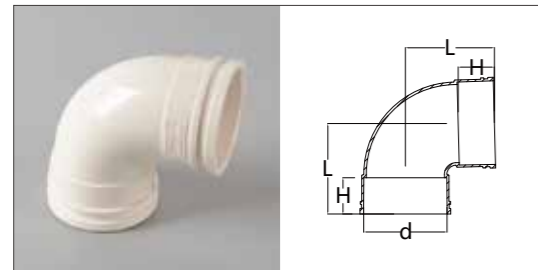
45°Elbow



45°Elbow with Cleanout

Size (mm)	H	d1	d2	L1	L2
dn50	25	M35X2	50	84	43
dn75	40	M50X2.5	75	128	69
dn110	48	M68X2.5	110	167	82
dn160	58	M86X3	160	221	100
dn200			200		

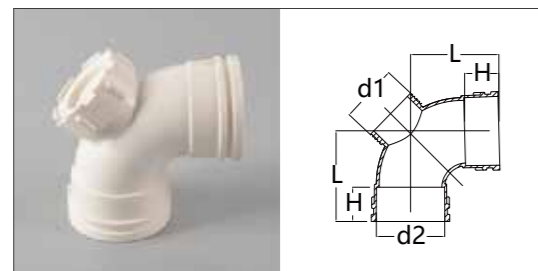
45°Elbow with Cleanout



90°Elbow

Size (mm)	H	d	L
dn40	28	40	56.3
dn50	22	50	54
dn75	33	75	83
dn110	48	110	121
dn160	58	160	150
dn200	60	200	188

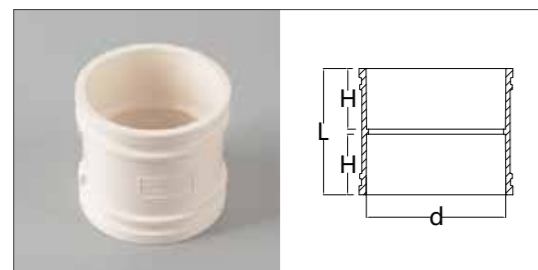
90°Elbow



90°Elbow with Cleanout

Size (mm)	H	d1	d2	L
dn50	25	35.4	50	65
dn75	40	58.6	75	90
dn110	48	75.3	110	118
dn160	58	85.8	160	150

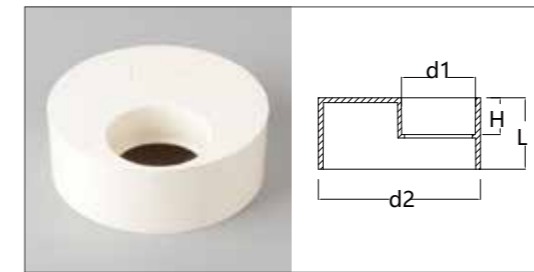
90°Elbow with Cleanout



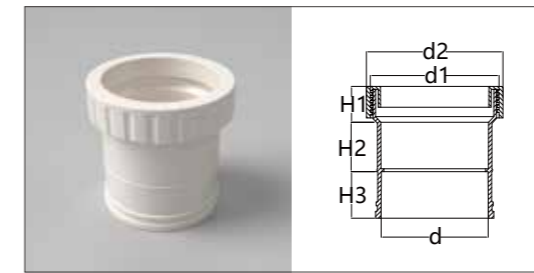
Coupler

Size (mm)	H	d	L
dn40	25	40	52
dn50	25	50	53
dn75	40	75	83
dn110	48	110	100
dn160	58	160	121
dn200	60	200	130

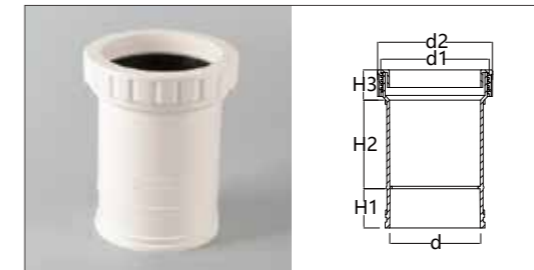
Coupler



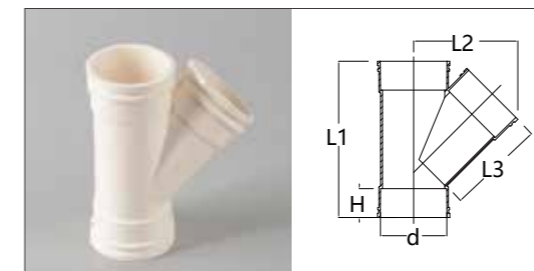
Eccentric Reducer



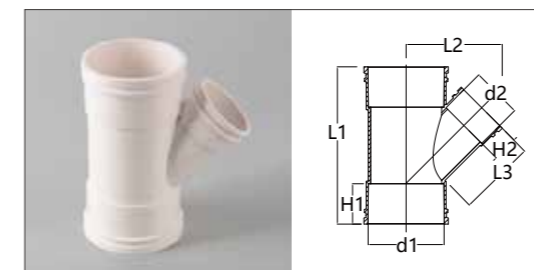
Flexible Coupler



Flexible Coupler-Long



Equal Y



Reducing Y

# FITTINGS

Eccentric Reducer

Size (mm)	H	d1	d2	L
dn75×50	25	50	75	41
dn110×50	25	50	110	49
dn110×75	40	75	110	49
dn160×110	48	110	160	59
dn200×160	58	160	200	63

Flexible Coupler

Size (mm)	H1	H2	H3	d	d1	d2
dn50	28	34	25	50	70	76
dn75	31	44	40	75	98	105
dn110	31	57	48	110	132	141
dn160	34	64	58	160	187	197
dn200	40	66	60	200	226	239

Flexible Coupler-Long

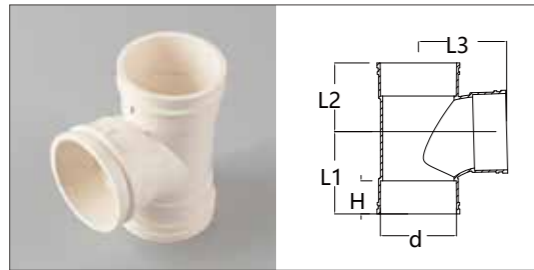
Size (mm)	H1	H2	H3	d	d1	d2
dn50	26	73	26	50	70	76
dn75	41	91	28	75	98	105
dn110	48	114	28	110	132	141
dn160	58	124	43	160	187	197

Equal Y

Size (mm)	H	d	L1	L2	L3
dn50	25	50	128	83	79
dn75	40	75	193	124	118
dn110	48	110	260	173	161
dn160	58	160	352	242	221
dn200	66	200	417	297	263

Reducing Y

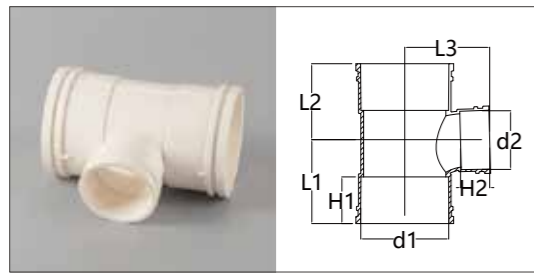
Size (mm)	H1	H2	d1	d2	L1	L2	L3
dn75×50	40	25	75	50	156	95	77
dn110×50	48	25	110	50	176	115	80
dn110×75	48	40	110	75	210	143	119
dn160×110	58	48	160	110	282	199	162
dn160×50			160	110			
dn200×160	60	48	200	160	362	250	220



Equal Tee

Equal Tee

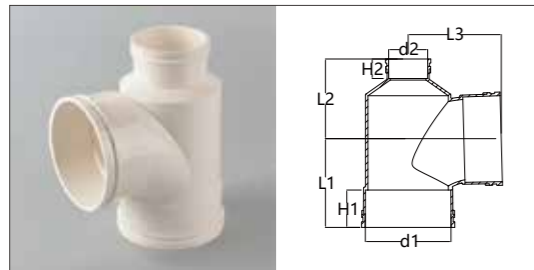
Size (mm)	H	d	L1	L2	L3
dn40	25.5	40	33	44	53.7
dn50	25	50	55	51	61
dn75	40	75	88	78	95
dn110	48	110	116	103	128
dn160	58	160	156	140	169
dn200	62	200	178	162	189



Reducing Tee

Reducing Tee

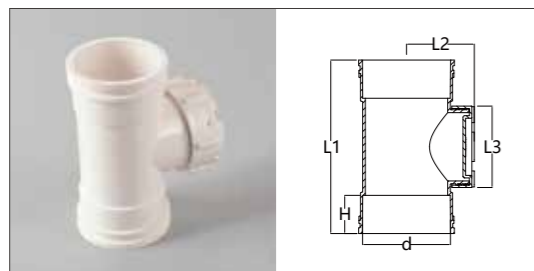
Size (mm)	H1	H2	d1	d2	L1	L2	L3
dn75×50	40	25	75	50	70	67	73
dn110×50	48	25	110	50	80	77	92
dn110×75	48	40	110	75	97	88	113
dn160×110	58	48	160	110	127	116	152
dn200×110	60	48	200	110	136	126	164
dn200×160	60	58	200	160	154	146	170



Bottle Tee

Bottle Tee

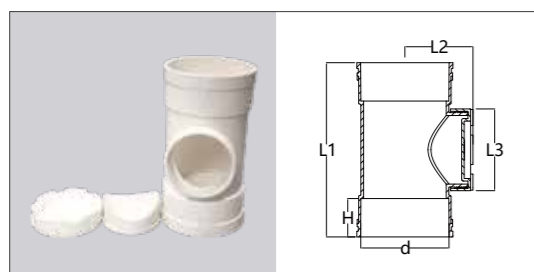
Size (mm)	H1	H2	d1	d2	L1	L2	L3
dn110×50	48	25	110	50	111	106	120
dn110×75	48	40	110	75	111	110	120



Cleanout Tee

Cleanout Tee

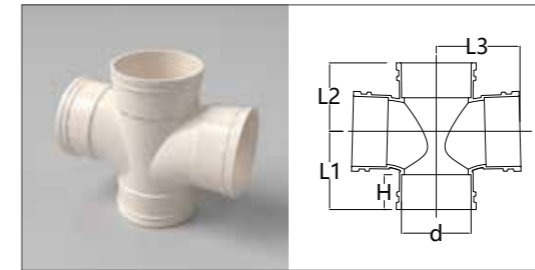
Size (mm)	H	d	L1	L2
dn50	25	50	114	46
dn75	40	75	170	55
dn110	48	110	218	79
dn160	58	160	283	123
dn200	60	200	328	134



Cleanout Tee-Plug

Cleanout Tee-Plug

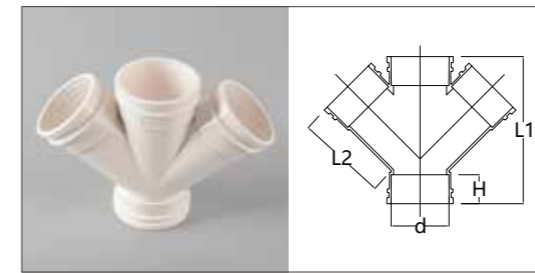
Size (mm)	H	d	L1	L2
dn110	48	110	219	146



Cross

Cross

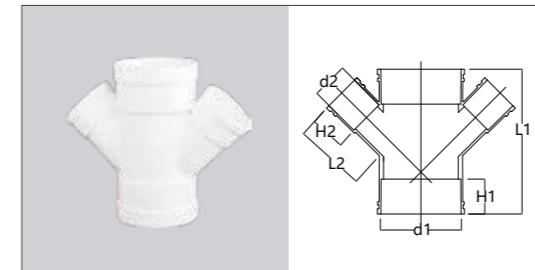
Size (mm)	H	d	L1	L2	L3
dn50	25	50	57	49	60
dn75	40	75	90	76	95
dn110	48	110	119	100	128
dn160	58	160	160	136	171



Double Y

Double Y

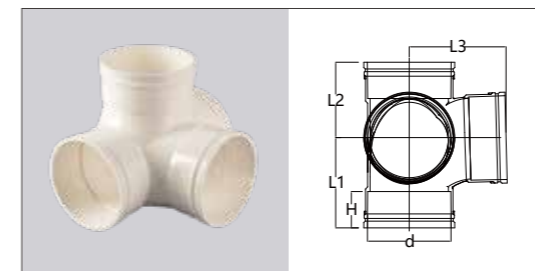
Size (mm)	H	d	L1	L2	L3
dn50	25	50	39	89	89
dn75	40	75	59	134	134
dn110	48	110	75	185	185



Reducing Double Y

Reducing Double Y

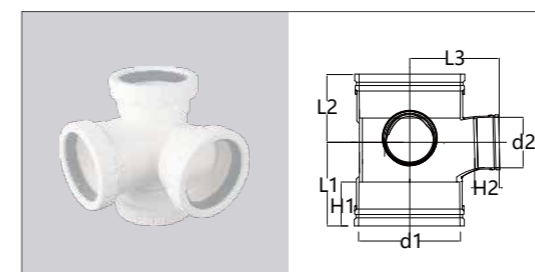
Size (mm)	H1	H2	d1	d2	L1	L2
dn110×50	48	25	110	50	173	76



Tee with Side Inlet

Tee with Side Inlet

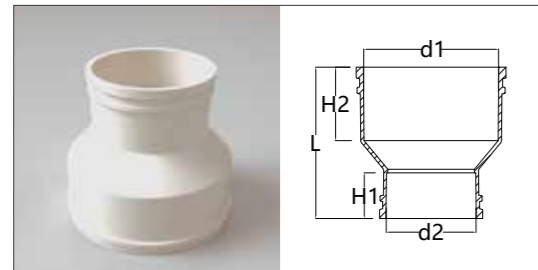
Size (mm)	H	d	L1	L2	L3
dn110	48	110	119	100	128
dn160	58	160	160	136	171



Reducing Tee with Side Inlet

Reducing Tee with Side Inlet

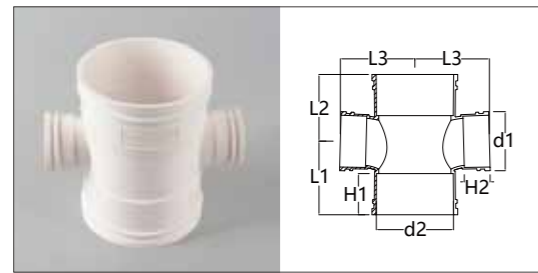
Size (mm)	H1	H2	d1	d2	L1	L2	L3
dn110×50			110	50			
dn160×110	58	48	160	110	127	115	149



Reducer

Reducer

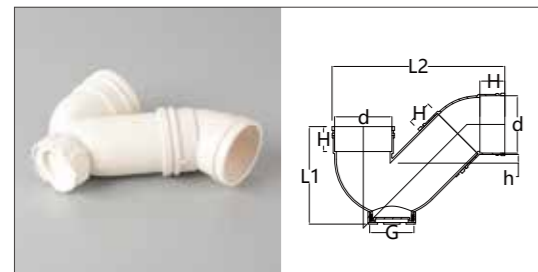
Size (mm)	H1	H2	d1	d2	L
dn75x50	26	41	75	50	85
dn110x50	27	51	110	50	105
dn110x75	41	49	110	75	113
dn160x110	51	60	160	110	137



Reducing Cross

Reducing Cross

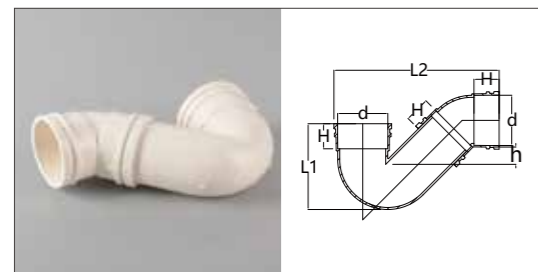
Size (mm)	H1	H2	d1	d2	L1	L2	L3
dn75X50	40	25	58	75	72	65	73
dn110X50	48	25	58	110	86	71	91
dn110X75	48	40	84	110	100	85	113
dn160X110	58	48	120	160	131	112	152



P Trap with Cleanout

P Trap with Cleanout

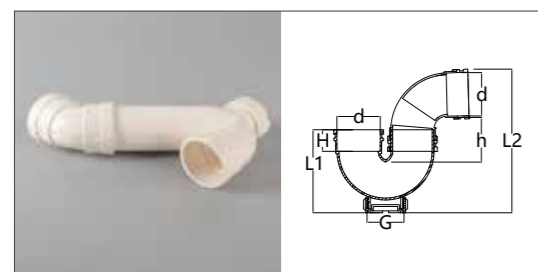
Size (mm)	H	h	d	L1	L2	G
dn50	25	12	50	96	161	M43
dn75	40	18	75	135	242	M68
dn110	48	17	110	182	333	M86
dn160			160			



P Trap

P Trap

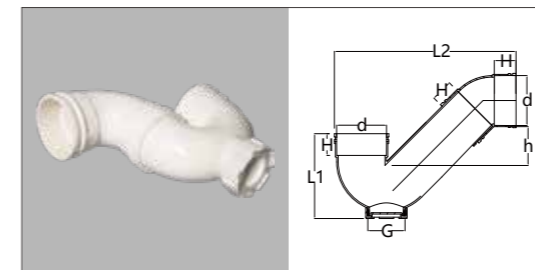
Size (mm)	H	h	d	L1	L2	L3
dn50	25	12	50	86	161	
dn75	40	18	75	126	242	
dn110	48	17	110	173	333	



P Trap with Cleanout-high water seal

P Trap with Cleanout-high water seal

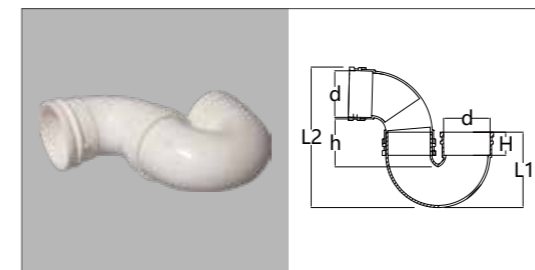
Size (mm)	H	h	d	L1	L2	G
dn50	25	52	50	98	173	M43



Long P Trap with Cleanout

Long P Trap with Cleanout

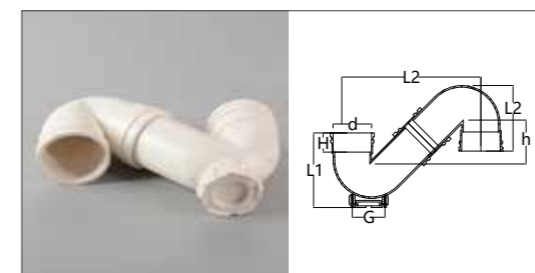
Size (mm)	H	h	d	L1	L2	G
dn50	25		50	102	202	M43



P Trap with high water seal

P Trap with high water seal

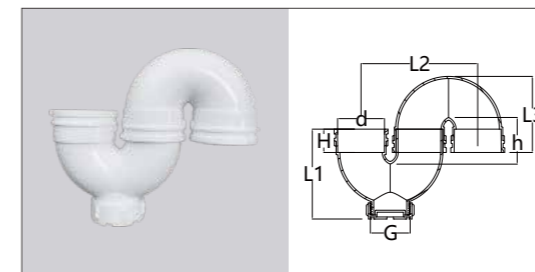
Size (mm)	H	h	d	L1	L2
dn50	25	52	50	82	154



S Trap with Cleanout

S Trap with Cleanout

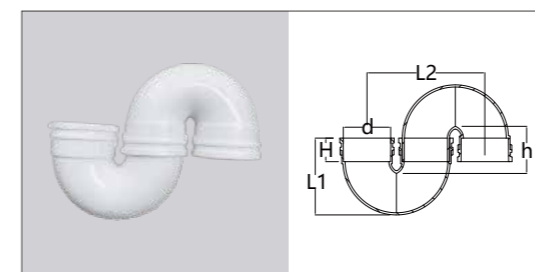
Size (mm)	H	h	d	L1	L2	L3	G
dn50	25	25	50	101	130	83	M43
dn75	40	32	75	143	224	126	M68
dn110	48	35	110	191	300	168	M86



S Trap with Cleanout-high water seal

S Trap with Cleanout-high water seal

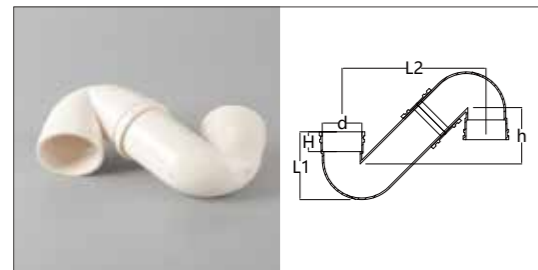
Size (mm)	H	h	d	L1	L2	L3	G
dn50	25	50	50	98	126	82	M43



S Trap with high water seal

S Trap with high water seal

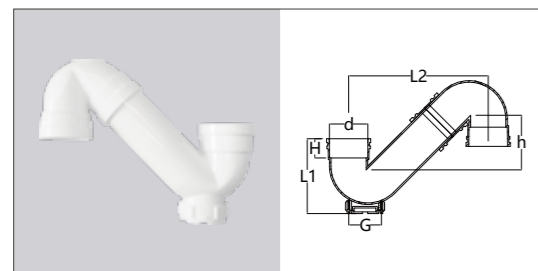
Size (mm)	H	h	d	L1	L2
dn50	25	50	50	82	126



S Trap

S Trap

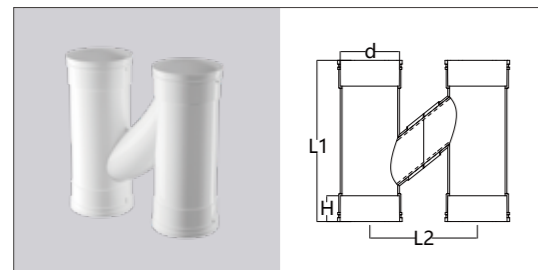
Size (mm)	H	h	d	L1	L2	L3
dn50	25	25	50	86	130	83
dn75	40	32	75	127	224	126
dn110	48	35	110	173	300	168



Long S Trap with Cleanout

Long S Trap with Cleanout

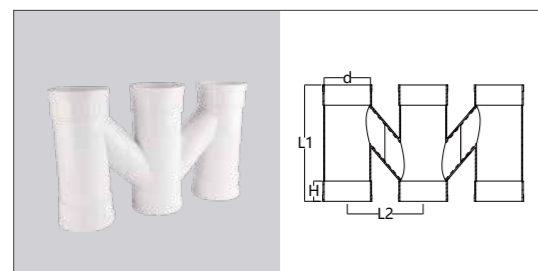
Size (mm)	H	h	d	L1	L2	G
dn50	27		50	102	177	M43



H pipe fitting

H pipe fitting

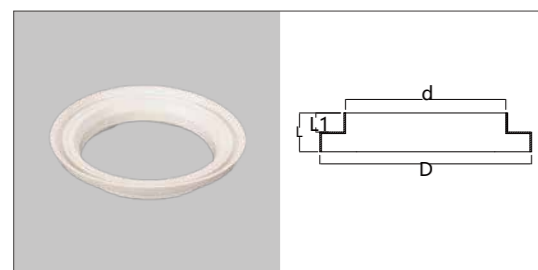
Size (mm)	H	d	L1	L2
dn75×75×75	40	75	298	180
dn110×75×75	48	110	296	180
dn110×75×110	48	110	296	180
dn160×75×110	62	160	291	200



M Pipe Fitting

M Pipe Fitting

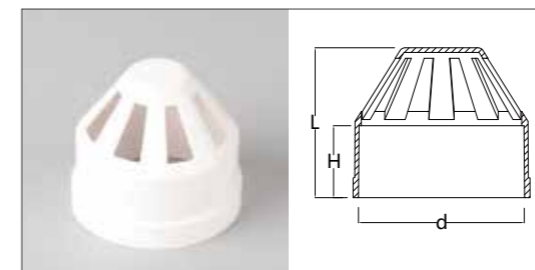
Size (mm)	H	d	L1	L2
dn110		110		



Leakproof Ring

Leakproof Ring

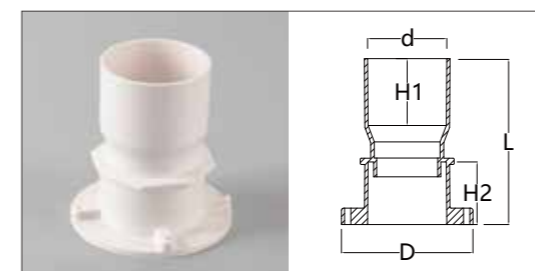
Size (mm)	D	d	L	L1
dn50	73	50	14	12
dn75	106	75	18	14
dn110	140	110	20	16
dn160		160		



Vent Cap

Vent Cap

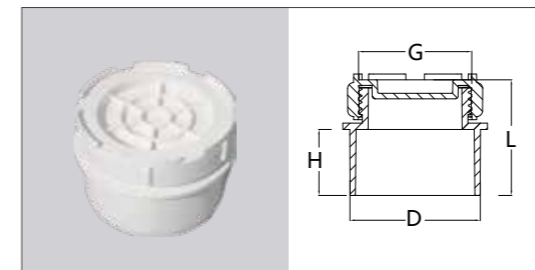
Size (mm)	H	d	L
dn50	25	50	51
dn75	40	75	82
dn110	48	110	100
dn160	40	160	125



Embedded Coupler

Embedded Coupler

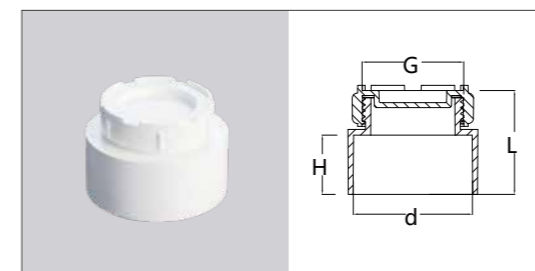
Size (mm)	H1	H2	D	d	L
dn50×100	39	36	102	50	100
dn50×105	43	40	84	50	105
dn50×120	55	45	108	50	120
dn75×105	41	40	114	75	105
dn75×120	55	45	130	75	120
dn110×100	41	41	174	110	100
dn110×105	48	43	152	110	105
dn110×120	51	49	177	110	120
dn110×130				110	



Cleanout-internal insert

Cleanout-internal insert

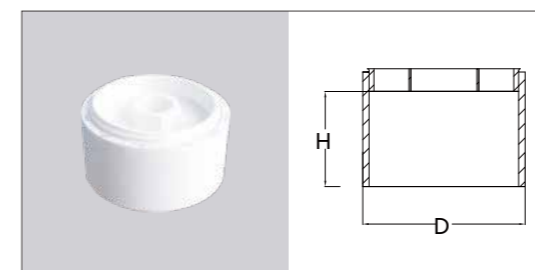
Size (mm)	H	D	L	G
dn110	48	110	77	109



Cleanout-external screw

Cleanout-external screw

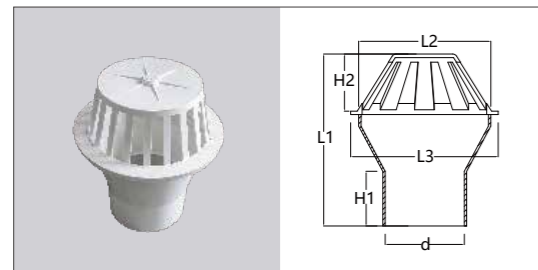
Size (mm)	H	d	L	G
dn50	25	50	43	43
dn75	40	75	61	68
dn110	48	110	72	86
dn160	58	160	83	109
dn200	72	200	99	104



Floor Cleanout

Floor Cleanout

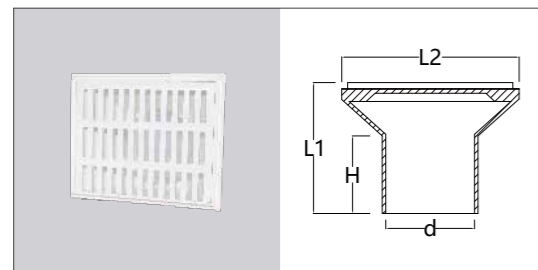
Size (mm)	H	D
dn50	12	50
dn75	20	75
dn110	25	110
dn160	31	160



Roof Drain

Size (mm)	H1	H2	d	L1	L2	L3
dn75			75			
dn110			110			

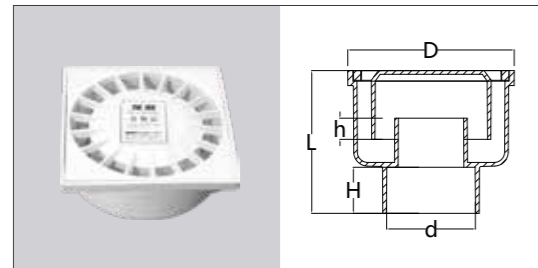
Roof Drain



Side Floor Drain

Size (mm)	H	d	L1	L2
dn50	43	50	79	101
dn75	64	75	113	158
dn110	67	110	131	200

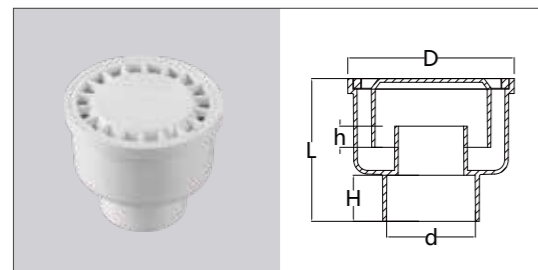
Side Floor Drain



Square Floor Drain

Size (mm)	H	h	d	D	L
dn50	18	10	50	101	59

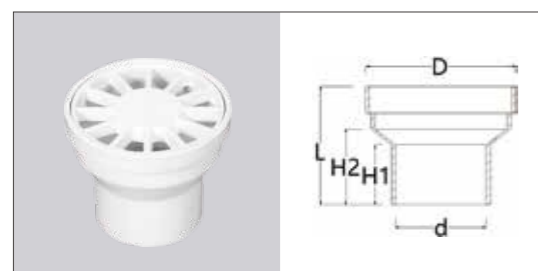
Square Floor Drain



Round Floor Drain

Size (mm)	H	h	d	D	L
dn50	26	12	50	95	81
dn75	30	16	75	118	82
dn110	34	5	110	134	80

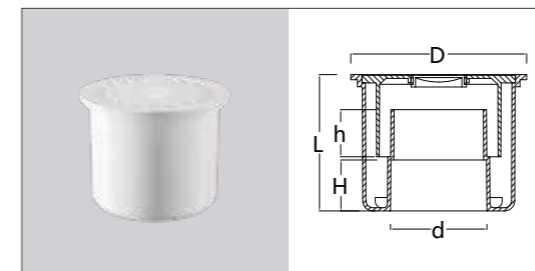
Round Floor Drain



Balcony Floor Drain

Size (mm)	H1	H2	d	D	L
dn50(shallow)	22	33	50	81	45
dn50	28	43	50	81	64
dn75	36	47	75	104	68

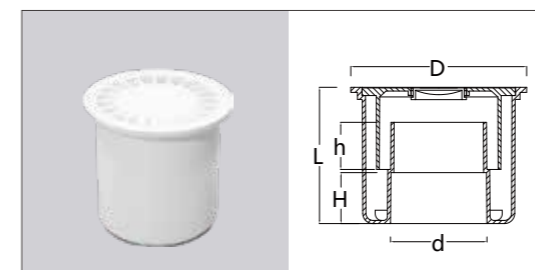
Balcony Floor Drain



Deeper Floor Drain for Washing Machine

Deeper Floor Drain for Washing Machine

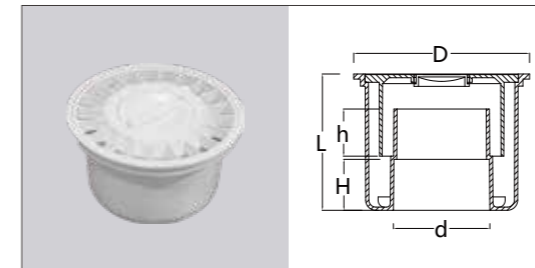
Size (mm)	H	h	L	D	d
dn50	26	54	107	116	50
dn75	40	37	107	138	75



Deeper Floor Drain

Deeper Floor Drain

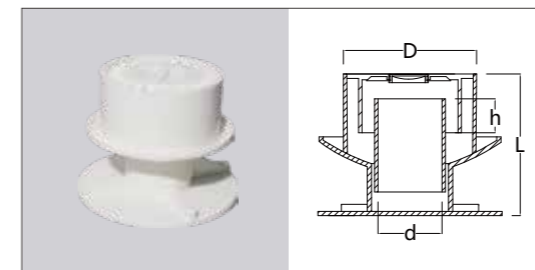
Size (mm)	H1	h	d	D	L
dn50	26	54	50	116	107



Floor Drain for Washing Machine

Floor Drain for Washing Machine

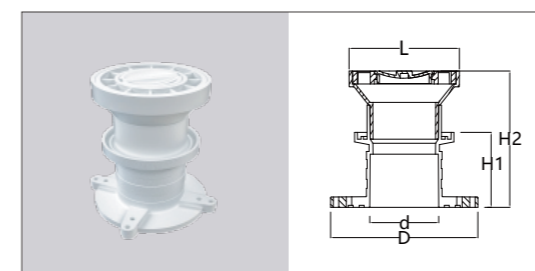
Size (mm)	H	h	d	D	L
dn50	23	23	50	107	65



Embedded Floor Drain- with water seal

Embedded Floor Drain- with water seal

Size (mm)	h	d	D	L
dn50×110		50	110	
dn50×120		50	120	

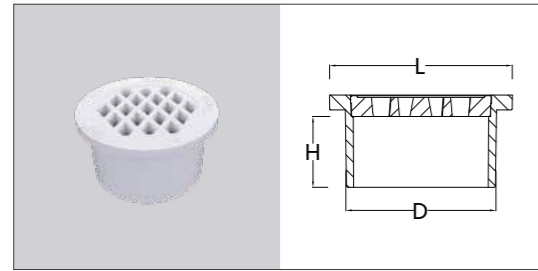


Balcony Embedded Floor Drain

Balcony Embedded Floor Drain

Size (mm)	H1	H2	d	D	L
dn50	55	100	50	108	81

# FITTINGS



Simple Floor Drain

Simple Floor Drain

Size (mm)	H	D	L
dn50	22	50	56
dn75	37	75	82
dn110	46	110	116



PVC Drain Collector - Vertical Pipe I

PVC Drain Collector - Vertical Pipe I

Size (mm)	H	D	L
dn110			



PVC Drain Collector - Embedded Vertical Pipe I

PVC Drain Collector - Embedded Vertical Pipe I

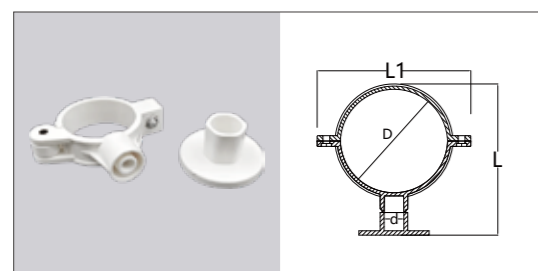
Size (mm)	H	D	L
dn110x100-ND220			



PVC Drain Collector - Adjustable Vertical Pipe

PVC Drain Collector - Adjustable Vertical Pipe

Size (mm)	H	D	L
dn110x100-ND180			

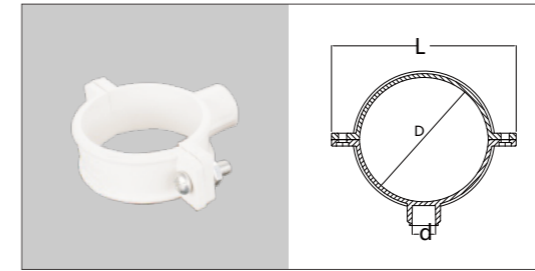


Ring-type Clamp - Set

Ring-type Clamp - Set

Size (mm)	L	L1	d	D
dn50-16Bracket	96	87	16	50
dn75-16Bracket	122	117	16	75
dn50-20Bracket	96	87	20	50
dn75-20Bracket	122	117	20	75
dn110-20Bracket	163	158	20	110
dn160-20Bracket	219	206	20	160

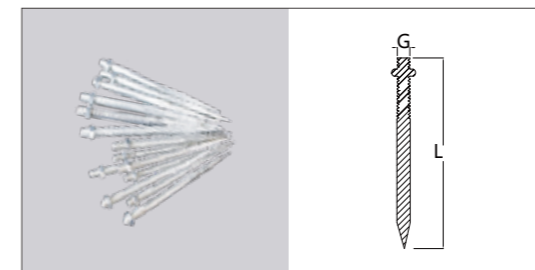
# FITTINGS



Clamp - Without Nail

Clamp - Without Nail

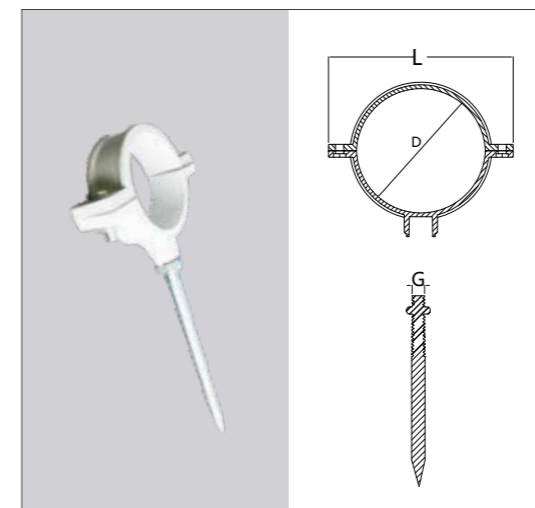
Size (mm)	L	d	D
dn50×M8	87	M8	50
dn75×M8	117	M8	75
dn110×M10	158	M10	110
dn160×M10	206	M10	160



Nail- Used For Pvc Clamp

Nail- Used For Pvc Clamp

Size (mm)	L	G
M8×110	110	M8
M8×160	160	M8
M8×200	200	M8
M10×130	130	M10
M10×160	160	M10
M10×200	200	M10
M10×240	240	M10

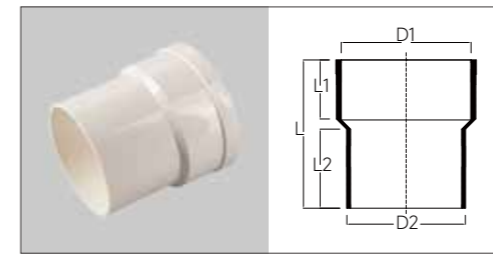


Clamp - Set

Clamp - Set

Size (mm)	G	D	L
dn50(M8×110)	M8	50	87
dn50(M8×160)	M8	50	87
dn50(M8×200)	M8	50	87
dn50(M10×130)	M10	50	87
dn50(M10×160)	M10	50	87
dn50(M10×200)	M10	50	87
dn75(M8×110)	M8	75	117
dn75(M8×160)	M8	75	117
dn75(M8×200)	M8	75	117
dn75(M10×130)	M10	75	117
dn75(M10×160)	M10	75	117
dn75(M10×200)	M10	75	117
dn110(M10×130)	M10	110	158
dn110(M10×160)	M10	110	158
dn110(M10×200)	M10	110	158
dn160(M10×130)	M10	160	206
dn160(M10×160)	M10	160	206
dn160(M10×200)	M10	160	206

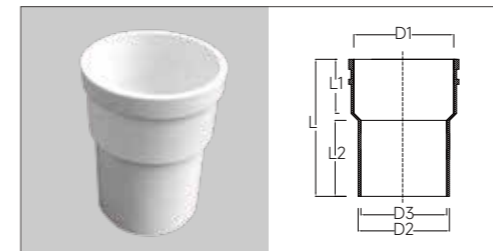
# PVC SHRINKAGE PIPE FITTING SERIES



Shrinkage Coupler

Shrinkage Coupler

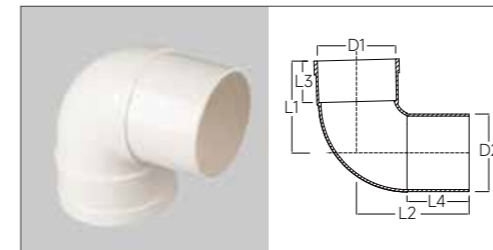
Size (mm)	L	L1	L2	D1	D2
dn110	123	50	67	110	103



Shrinkage Reducer

Shrinkage Reducer

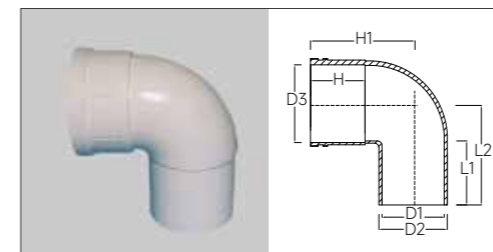
Size (mm)	D1	D2	D3	L	L1	L2
dn50x40	50	46	40	70	28	39



Shrinkage 90° Elbow

Shrinkage 90° Elbow

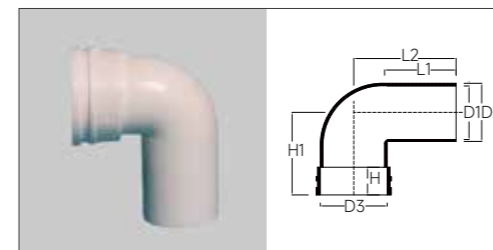
Size (mm)	L1	L2	L3	L4	D1	D2
dn75	87	96	40	54	75	70
dn110	114	126	50	70	110	103



Shrinkage 90° Reducing Elbow

Shrinkage 90° Reducing Elbow

Size (mm)	D1	D2	D3	H	H1	L1	L2
dn50x40	40	46	50	25.5	48	36	62

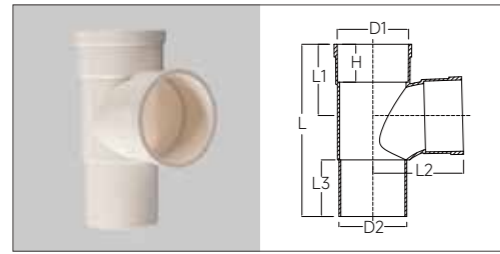


Shrinkage 90° Reducing Elbow- Long

Shrinkage 90° Reducing Elbow- Long

Size (mm)	D1	D2	D3	H	H1	L1	L2
dn50x40	40	46	50	25.5	59	52	76

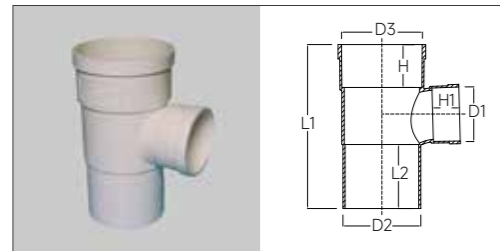
# PVC SHRINKAGE PIPE FITTING SERIES



Tee-Lower Shrinkage

Tee-Lower Shrinkage

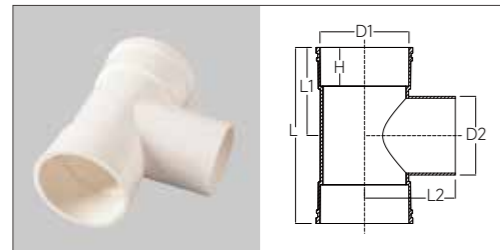
Size (mm)	L	L1	L2	L3	H	D1	D2
dn50	120	50	60	38	25.5	50	46
dn75	176	77	92	54.5	40.3	75	70
dn110	230	108	117	69.5	50	110	103



Reducing Tee-Lower Shrinkage

Reducing Tee-Lower Shrinkage

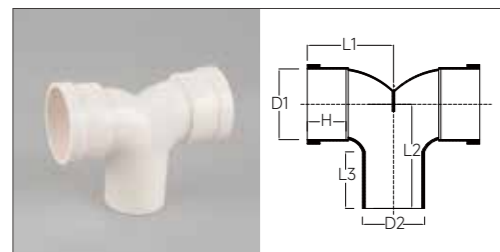
Size (mm)	D1	D2	D3	L1	L2	H
dn75×50×75	50	70	75	152	55	41
dn110×50×110	50	103	110	177	70	50.5
dn110×75×110	75	103	110	194	70	50.5



Tee-Medium Shrinkage

Tee-Medium Shrinkage

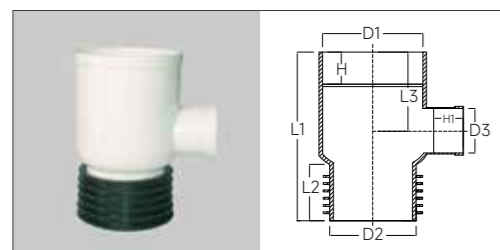
Size (mm)	L	L1	L2	D1	D2	H
dn50	109	54.5	64.5	50	46	26
dn110	210	105	124	110	103	50.2



Anti-Backflow Tee

Anti-Backflow Tee

Size (mm)	D1	D2	H	L1	L2	L3
dn50	50	46	26	61	73	42

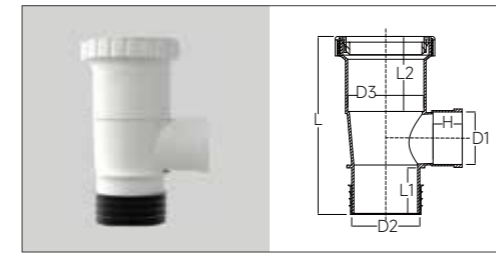


Flexible Tee

Flexible Tee

Size (mm)	L1	L2	L3	D1	D2	D3	H	H1
dn110×50×110	190	64	90	110	90	50	48	34
dn110×75×110	188	63	86	110	90	75	48	43

# PVC SHRINKAGE PIPE FITTING SERIES



Flexible Tee-Lower Shrinkage

Flexible Tee-Lower Shrinkage

Size (mm)	L	L1	L2	D1	D2	D3	H
dn110×75×110	265	65	115	75	98	115	42.5

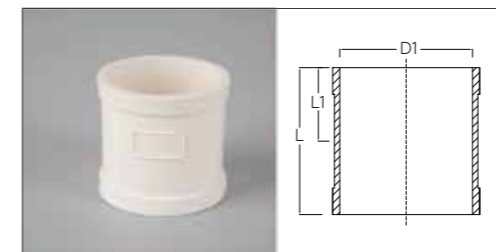
# PVC DRAINAGE RENOVATION SYSTEM



Saddle Tee-Vertical pipe

Saddle Tee-Vertical pipe

Size (mm)	H	D1	D2
dn110鞍×110	160	110	110
dn110鞍×50	100	110	50
dn160鞍×110	165	160	110



Coupler

Coupler

Size (mm)	D1	L	L1
dn50	50	54	27
dn75	75	82	41
dn110	110	94.2	47.1

# PVC Floor Drain Relocation Pipe



**More Convenient and Efficient**  
The offset flat pipe reduces groove depth, making construction easier.

**Flexible and Easy to Layout**  
The position of the floor drain can be adjusted, solving issues related to limited placement of sanitary fixtures during renovations.

**Unlimited Expansion**  
Additional drainage outlets can be added to meet the needs for new sanitary fixture connections.

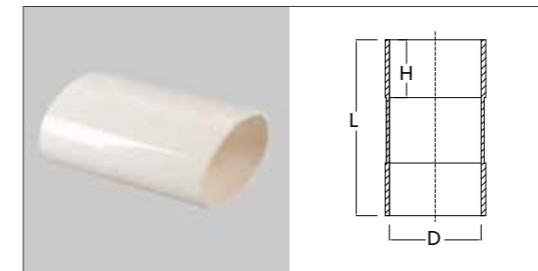
## 60X35MM FLAT PIPE SERIES



PVC Floor Drain Relocation Pipe

PVC Floor Drain Relocation Pipe

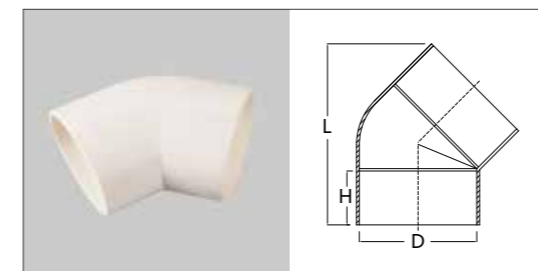
Size (mm)	D	L
dn60×35(2m)	57.5×36	2000



Flat Coupler

Flat Coupler

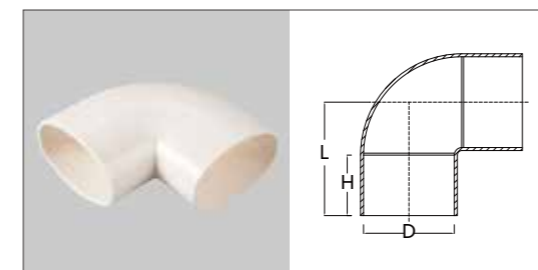
Size (mm)	D	H	L
dn60×35	57.5×36	30	90



Flat 45° Elbow

Flat 45° Elbow

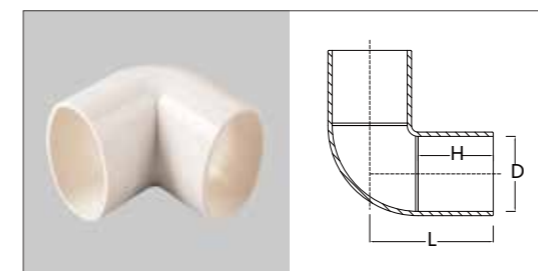
Size (mm)	D	L	H
dn60×35	57.5×36	92	32



Flat 90° Elbow

Flat 90° Elbow

Size (mm)	D	L	H
dn60×35	57.5×36	91	32

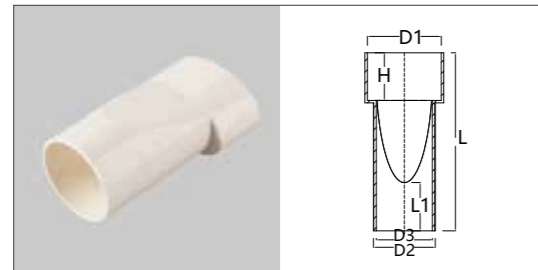


Flat 90° Vertical Elbow

Flat 90° Vertical Elbow

Size (mm)	D	L	H
dn60×35	57.5×36	58.7	30

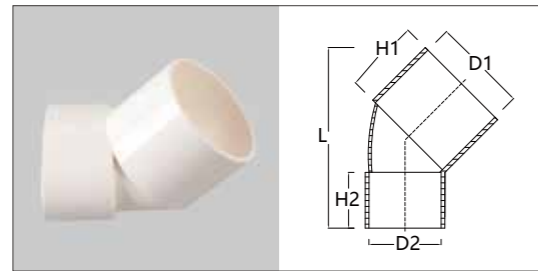
# 60X35MM FLAT PIPE SERIES



Flat Reducer

Flat Reducer

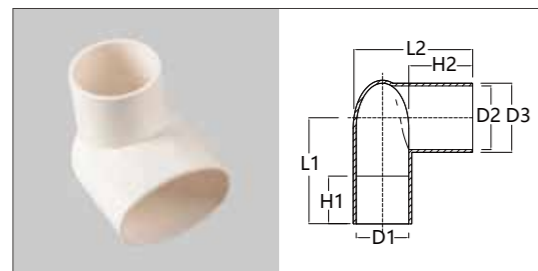
Size (mm)	D1	D2	D3	L	L1	H
dn60×35×50插	57.5×36	50	46	109	26	30



Flat 45° Reducing Elbow

Flat 45° Reducing Elbow

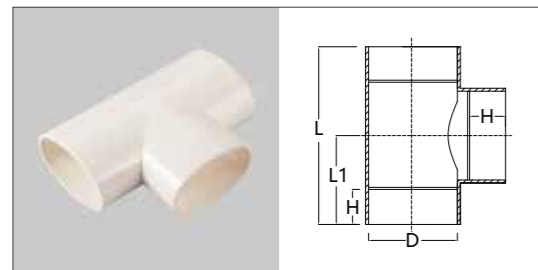
Size (mm)	D1	D2	L	H1	H2
dn60×35×50承	57.5×36	50	87	29	38



Flat 90° Reducing Elbow

Flat 90° Reducing Elbow

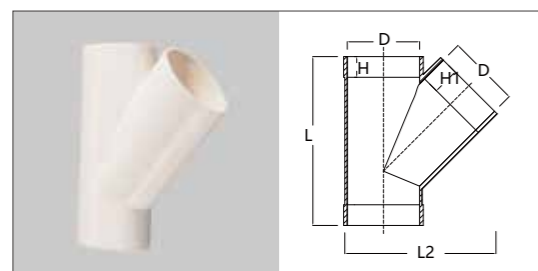
Size (mm)	D1	D2	D3	L1	L2	H1	H2
dn60×35×50承	57.5×36	50		50	70	30	32.5
dn60×35×46插	57.5×36	40	46	50	70	30	30



Flat Tee

Flat Tee

Size (mm)	L	L1	L2	H	D
dn60×35	120.2	60.1	30	30	57.5×36

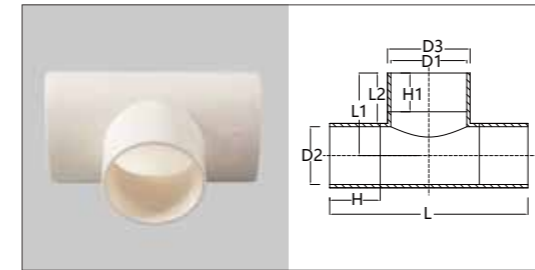


Flat Equal Y

Flat Equal Y

Size (mm)	L	L1	L2	H	D
dn60×35	145	44	130	30	57.5×36

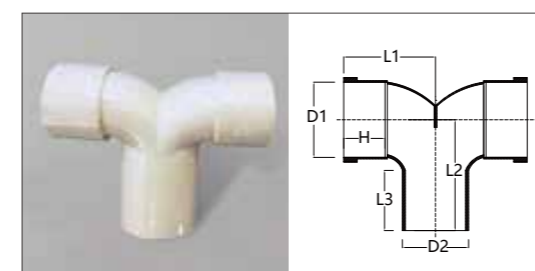
# 60X35MM FLAT PIPE SERIES



Flat Reducing Tee

Flat Reducing Tee

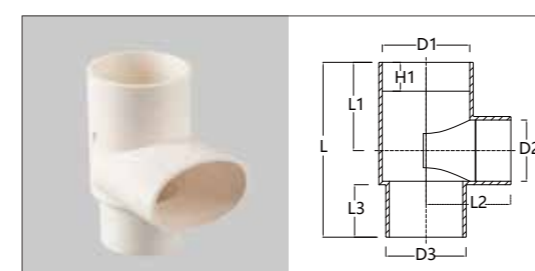
Size (mm)	D1	D2	D3	L	L1	H1	L2	H
dn60×35×46插×60×35	40	57.5×36	46	104	50	/	30	30
dn60×35×50插×60×35		57.5×36	50	107	50	/	30	30
dn60×35×50承×60×35	50	57.5×36		113	50	32	/	30



Flat Anti-Backflow Tee

Flat Anti-Backflow Tee

Size (mm)	L1	L2	L3	D1	D2	H
dn60×35×46插×60×35	58	70	48	57.5×36	46	27.5



Flat Vertical Tee

Flat Vertical Tee

Size (mm)	L	L1	L2	L3	D1	D2	D3	H1
dn50承×60×35×46插	102	52	32	29	50	57.5×36	46	32

# PVC Toilet Offset Connection Pipe



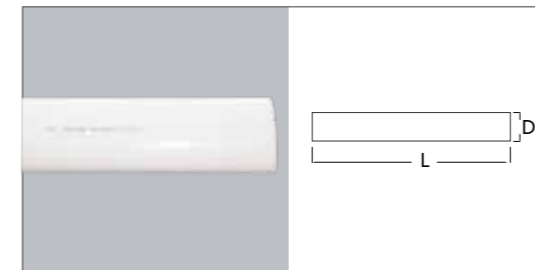
## Flexible and Easy to Layout

The toilet position can be adjusted, resolving issues related to limited placement options.

## More Convenient and Efficient

The offset flat pipe reduces the depth of the groove, ensuring there is no impact on ceiling height.

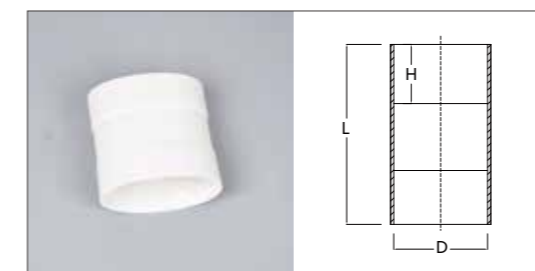
# 110MM FLAT PIPE SERIES



PVC Toilet Offset Connection Pipe

PVC Toilet Offset Connection Pipe

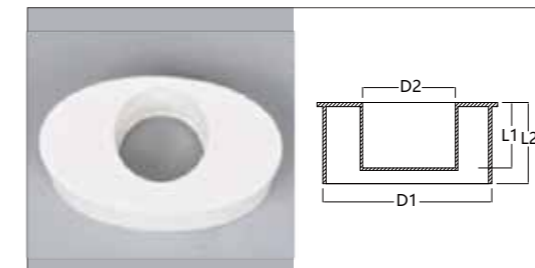
Size (mm)	D	L
dn110×63(2m)	124×65.5	2000
dn110×63(4m)	124×65.5	4000



Flat Coupler

Flat Coupler

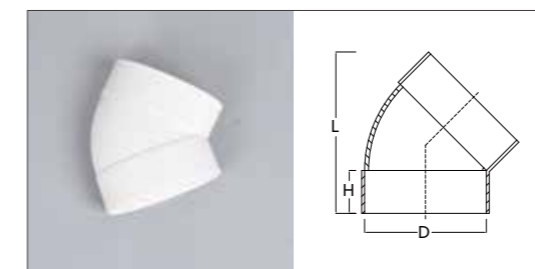
Size (mm)	L	D	H
dn110×63	135.5	124×65.5	40



Flat Reducer

Flat Reducer

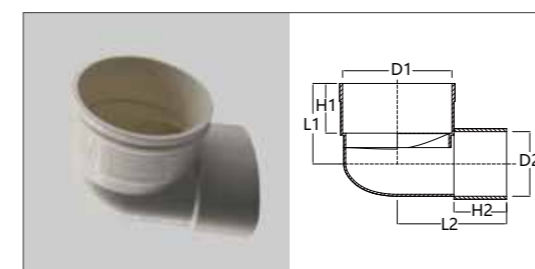
Size (mm)	L1	L2	D1	D2
dn110×63×50承	35	40	124×65.5	50



Flat 45° Elbow

Flat 45° Elbow

Size (mm)	D	L	H
dn110×63	124×65.5	165	41

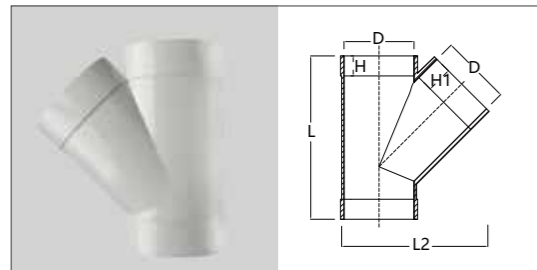


Flat 90° Reducing Elbow

Flat 90° Reducing Elbow

Size (mm)	D1	D2	L1	L2	H1	H2
dn110×63×110承	110	124×65.5	75	110	48	50

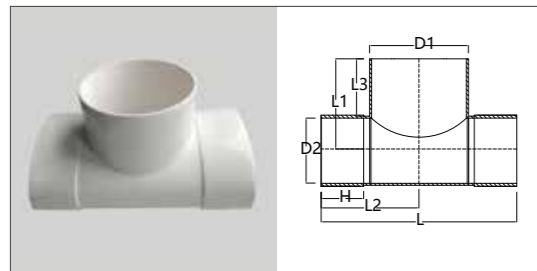
# 110MM FLAT PIPE SERIES



Flat Equal Y

Flat Equal Y

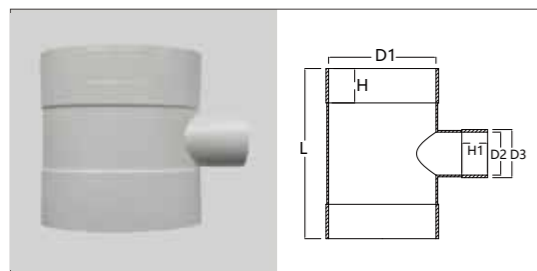
Size (mm)	L	L2	H	H1	D
dn110×63	260	240	40	40	124×65.5



Flat Tee

Flat Tee

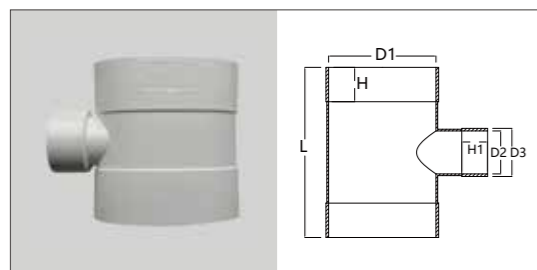
Size (mm)	L	L1	L2	L3	D1	D2	H
dn110×63×110×110×63	198	86	99	50	103	124×65.5	40.5



Flat Shrinkage Tee

Flat Shrinkage Tee

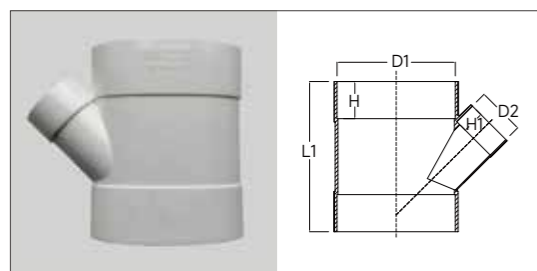
Size (mm)	L	D1	D2	D3	H	H1
dn110×63×40×110×63	135	124×65.5	40	46	41	34



Flat Reducing Tee

Flat Reducing Tee

Size (mm)	L	D1	D2	D3	H	H1
dn110×63×50×110×63	135	124×65.5	50	56	41	28

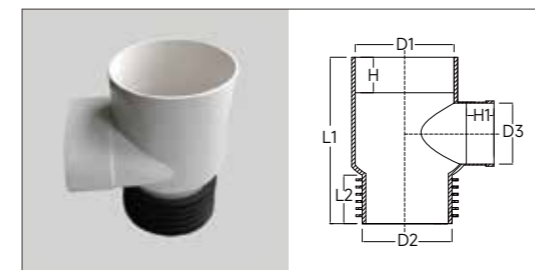


Flat Reducing Y

Flat Reducing Y

Size (mm)	D1	D2	H	H1	L1
dn110×63×50×110×63	124×65.5	50	40.5	25.5	160

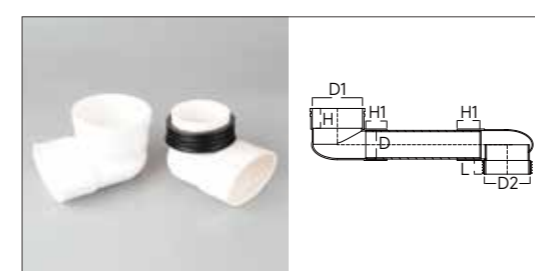
# 110MM FLAT PIPE SERIES



PVC Flexible Tee - Vertical Flat

PVC Flexible Tee - Vertical Flat

Size (mm)	D1	D2	D3	H	H1	L1	L2
dn110×63×110承×110插	110	90	124×65.5	48.5	40.5	189	62

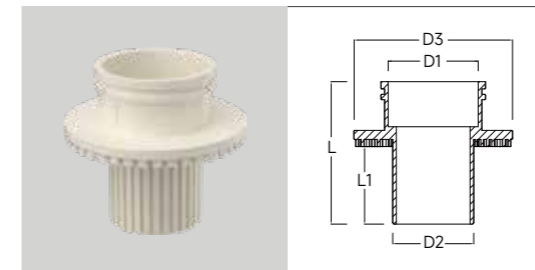


PVC Toilet Relocation Kit

PVC Toilet Relocation Kit

Size (mm)	D	D1	D2	H	H1	L
dn110×90	124×65.5	110	90	48	52	35

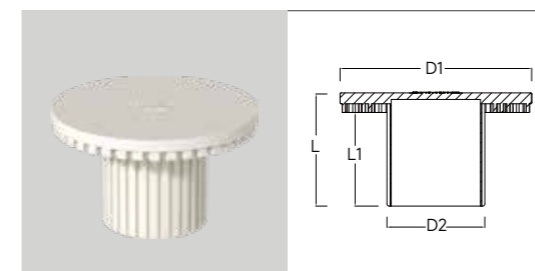
## OTHER PRODUCTS



Internal Insertion Coupler - secondary drainage

Internal Insertion Coupler - secondary drainage

Size (mm)	L	L1	D1	D2	D3
dn50	80	46	50	45	80

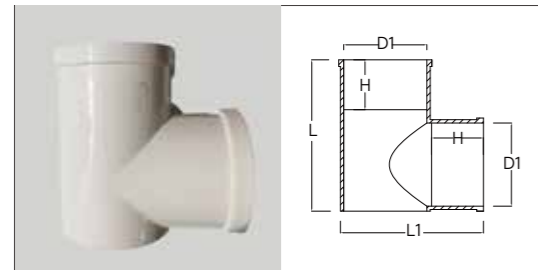


Concealed Floor Drain

Concealed Floor Drain

Size (mm)	L	L1	D1	D2
dn50	52	46	80	45

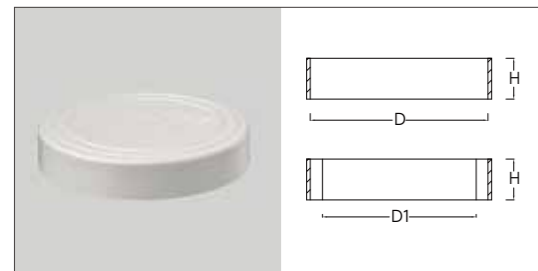
# OTHER PRODUCTS



Elbow

Elbow

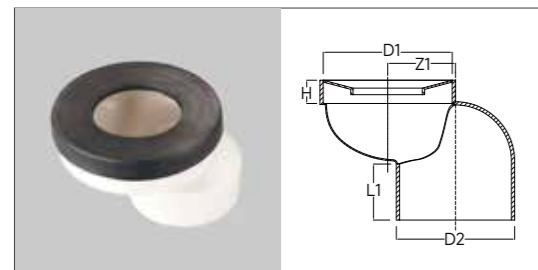
Size (mm)	L	L1	H	D1
dn50	85	85	30	50



Dust cover

Dust cover

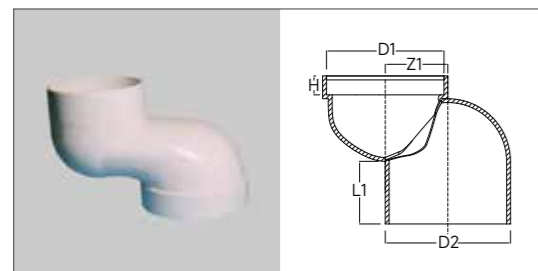
Size (mm)	D	H	D1
dn50	50	15	/
dn75	75	19	/
dn110	115	22	103
dn160	160	24	/



PVC Toilet Relocation Kit

PVC Toilet Relocation Kit

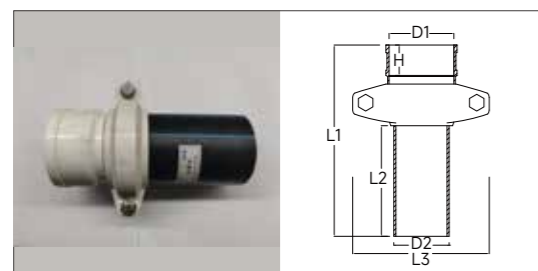
Size (mm)	D1	D2	Z1	H	L1
dn125x110-ND50	125	103	50	32	40
dn125x110-ND100	125	103	100	32	40



PVC Toilet Relocation Kit -type II

PVC Toilet Relocation Kit -type II

Size (mm)	D1	D2	Z1	H	L1
dn110x110-ND100	110	103	100	24	40
dn110x110-ND50	110	103	50	21	42

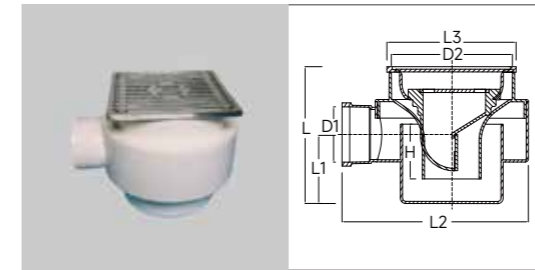


Black PE/PVC Transition Coupler

Black PE/PVC Transition Coupler

Size (mm)	L1	L2	L3	H	D1	D2
dn50	173	98	110	26	50	50
dn75	190	98	140	40	75	75
dn110	204	98	178	50	110	110
dn160	205	98	225	58	160	160

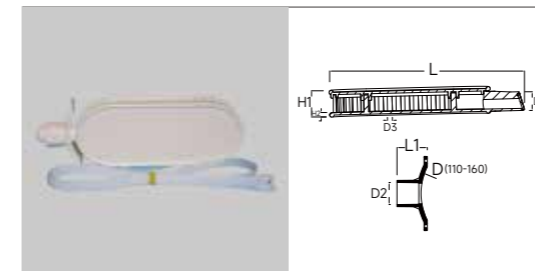
# OTHER PRODUCTS



High Water Seal Horizontal Floor Drain

High Water Seal Horizontal Floor Drain

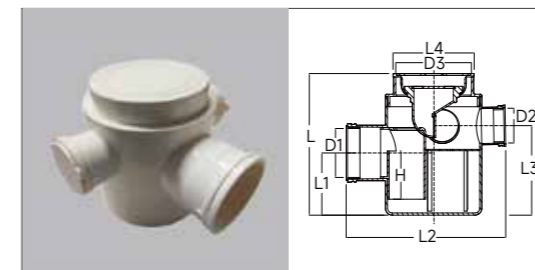
Size (mm)	L	L1	L2	L3	D1	D2	H
dn50	128	65	172	120x120	50	110	50
dn75	158	83	193	120x120	75	110	50



Secondary Water Collector - Anti-Overflow Set

Secondary Water Collector - Anti-Overflow Set

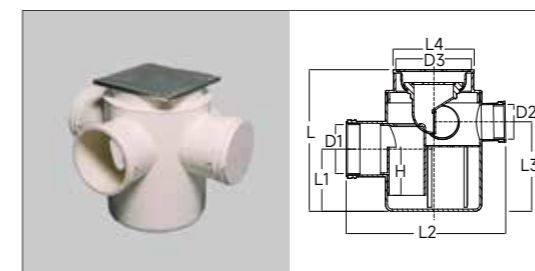
Size (mm)	H1	H2	L	L1	D1	D2
dn20	24	4	178	28	17.5	20



PVC Drainage Collector

PVC Drainage Collector

Size (mm)	L	L1	L2	L3	D1	D2	D3	H
dn75x50	155	83	210	135	75	50	110	50



PVC Drainage Manifold - Central Odor Prevention

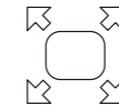
PVC Drainage Manifold - Central Odor Prevention

Size (mm)	L	L1	L2	L3	L4	D1	D2	D3	H
dn75x75	185	122	235	120	120x120	75	75	110	60
dn75x50	200	94	220	135	120x120	75	50	110	60

# PVC-U Structured-Wall silencing Pipe Series

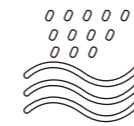


# PVC-U Structured-Wall Pipe



## High Mechanical Strength

The double-layer structure provides excellent resistance to external pressure, impact strength, and tensile strength, making it suitable for piping projects under various conditions.



## Smooth Water Flow

The smooth walls do not scale, resulting in low fluid resistance. The roughness coefficient is significantly lower than that of other steel or cement pipes, allowing for unobstructed water flow.



## Durability

With outstanding resistance to acids, alkalis, and corrosion, this material is highly suitable for the chemical industry, boasting a lifespan over four times that of steel pipes.



## Efficient and Cost-Effective

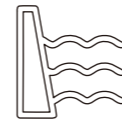
The drainage pipes are lightweight, with a density of 1/5 to 1/6 that of steel pipes. They are easy to handle and facilitate convenient installation, reducing material and construction costs, while also lowering the load on buildings.



PVC-U Structured-Wall Pipe

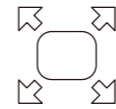
Size	d	e
dn50×4.0	50	4.0
dn75×4.5	75	4.5
dn110×5.0	110	5.0
dn160×6.0	160	6.0

# PVC-U Hollow Spiral PIPE



## High Drainage Capacity

Water flows along the walls of the pipe, significantly increasing flow speed and drainage capacity.



## High Mechanical Strength

The internal spiral reinforcement structure provides excellent pressure resistance, impact strength, and tensile strength.



## Cost Savings

Featuring a design that allows for both drainage and venting with a single pipe, it eliminates the need for additional drainage pipes and fittings, thereby saving on material and labor costs.



## Noise Reduction

The double-layered, spiral structure effectively reduces water flow noise.



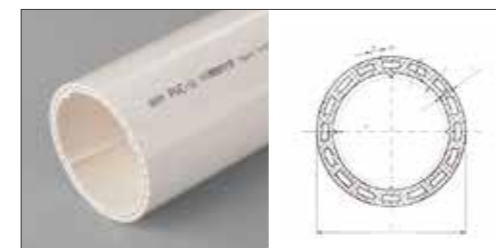
### PVC-U Hollow Spiral Pipe-36 holes

Size	d	e
dn75×4.0	75	4.0



### PVC-U Hollow Spiral Pipe-24 holes

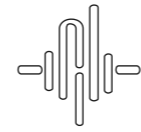
Size	d	e
dn110×5.0	110	5.0



### PVC-U Hollow Spiral Pipe-32 holes

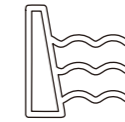
Size	d	e
dn160×6.0	160	6.0

# PVC-U Solid Wall Spiral PIPE



## Noise Reduction

Water flows along the walls of the pipe, minimizing impact against the inner wall and effectively reducing water flow noise.



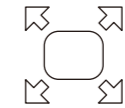
## High Drainage Capacity

The water exhibits a noticeable wall-attached flow in the pipe, significantly increasing flow speed and drainage capacity.



## Cost Savings

With a design that allows for both drainage and venting through a single pipe, it eliminates the need for additional drainage pipes and fittings, saving on material and labor costs.



## High Mechanical Strength

The internal spiral reinforcement structure provides excellent resistance to pressure, impact, and tensile strength.



PVC-U Solid Wall Inner Spiral pipe

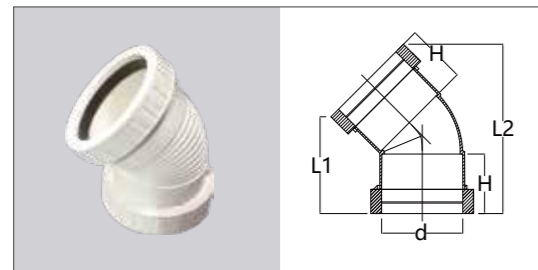
Size	d	e
dn75×2.3	75	2.3
dn110×3.2	110	3.2
dn160×4.0	160	4.0



PVC-U Solid Wall Inner Spiral pipe-Reinforced Single Vertical pipe

Size	d	e
dn110×3.2	110	3.2

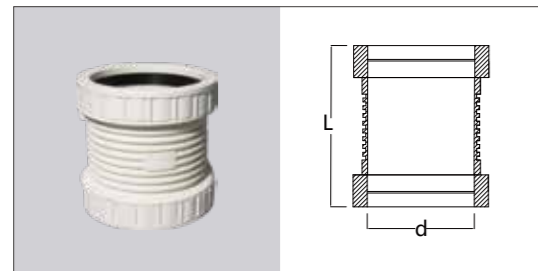
# FITTINGS



Silencing 45° Elbow

Silencing 45° Elbow

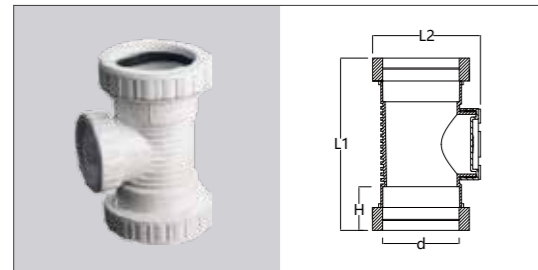
Size (mm)	H	d	L1	L2
dn110				



Silencing Coupling

Silencing Coupling

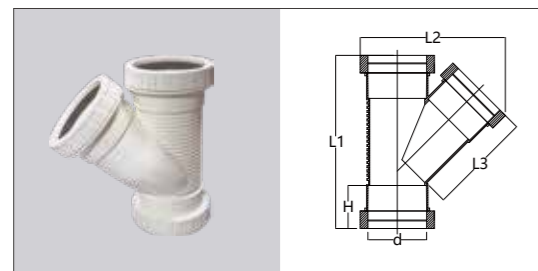
Size (mm)	H	d	L1	L2
dn75	55	75	180	116
dn110	60	110	216	153
dn160	66	160	260	194



Silencing Cleanout Tee

Silencing Cleanout Tee

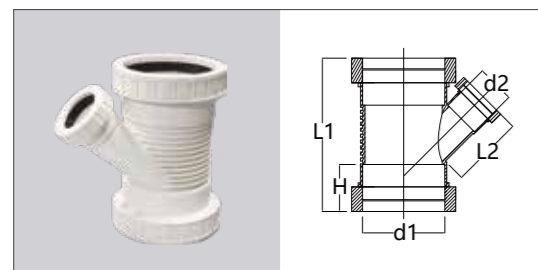
Size (mm)	H	d	L1	L2
dn75	55	75	180	116
dn110	60	110	216	153
dn160	66	160	260	194



Silencing Y

Silencing Y

Size (mm)	H	d	L1	L2
dn110				

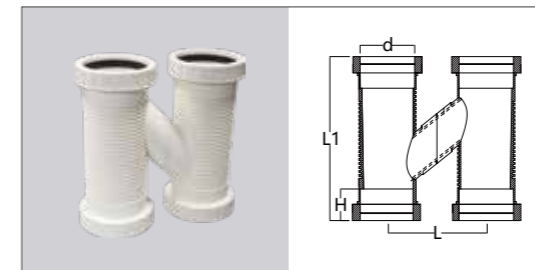


Silencing Reducing Y

Silencing Reducing Y

Size (mm)	H	d1	d2	L1	L2
dn110x50x110	50	110	50	208	116
dn110x75x110		110	75		
dn160x110x160		160	160		

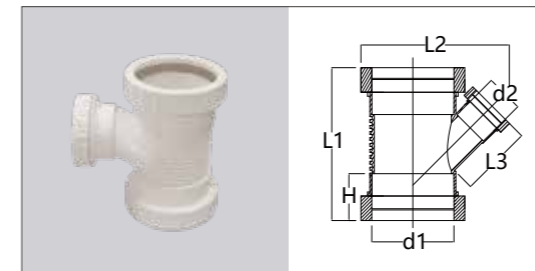
# FITTINGS



Silencing H pipe

Silencing H pipe

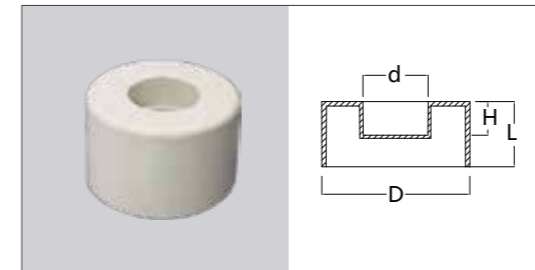
Size (mm)	H	d	L	L1
dn110x75	66	110	180	300
dn110x110	66	110	180	300
dn160x110	67	160	200	300
dn160x160	67	160	200	300



Silencing Reducing Tee

Silencing Reducing Tee

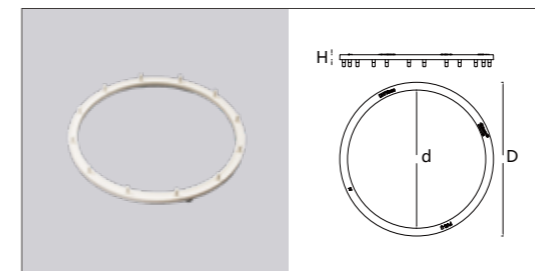
Size (mm)	H	d1	d2	L1	L2
dn110x50x110	60	110	50	208	116
dn110x75x110		110	75		
dn160x110x160		160	160		



Silencing Reducing Coupler

Silencing Reducing Coupler

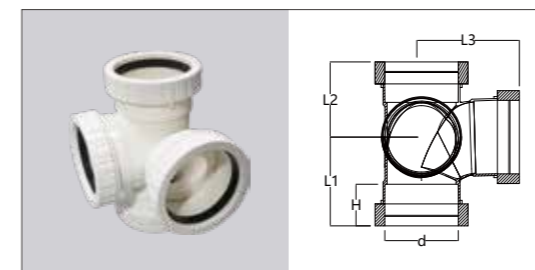
Size (mm)	H	d	D	L2
dn110x50		50	110	



Water Seal Ring

Water Seal Ring

Size (mm)	d	D	H
Dn110 (24孔)	98	109	4

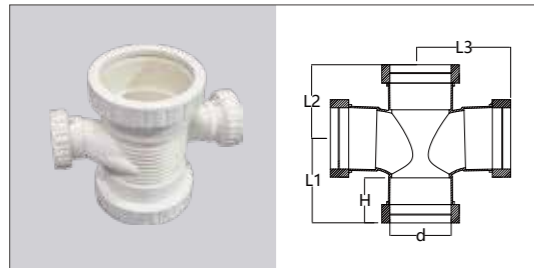


Silencing Tee with Side Inlet

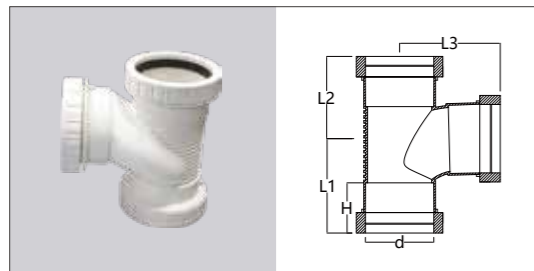
Silencing Tee with Side Inlet

Size (mm)	H	d	L1	L2	L3
dn110	65	110	134	124	150
dn160x110		160			

# FITTINGS



Silencing Cross



Silencing Tee

## Silencing Cross

Size (mm)	H	d	L1	L2	L3
dn75		75			
dn110	67	110	135	104	155
dn160		160			
dn110x50	60	110	112	98	115
dn160x110		160			

## Silencing Tee

Size (mm)	H	d1	d2	L1	L2
dn75					
dn110					
dn160					

### Determine the Installation Area:

Before installing the PVC pipe, identify the installation area and check for and remove any obstacles.

### Measure Pipe Length:

Measure the length of PVC pipe needed based on your requirements and mark it accordingly.

### Purchase Materials:

Buy the PVC pipes, fittings, glue, and other materials according to your measurements.

### Prepare Tools:

Gather the necessary tools, such as a saw, ruler, and glue gun.

### Cut the Pipe:

Use a saw to cut the PVC pipe to the measured length. Ensure the cut is clean and free of burrs. Smooth any rough edges with a file or scraper, and bevel the outer edge at a 15° angle.

### Prepare Fittings:

Choose the appropriate fittings, such as elbows or tees, as needed.

### Using Glue:

Before gluing, test-fit the parts, inserting them to about 3/4 of the socket depth. Once the test fit is successful, clean the socket and pipe ends of any moisture or dust with a cloth. Remove any grease with acetone. Using glue with a brush, first to the socket and then to the pipe end, and quickly insert them together with a slight twisting motion to ensure even distribution of the glue. The connection should be solid within 30-60 minutes.

# INSTALLATION GUIDE

### Connect Pipes:

Connect the glued pipe to the fittings and ensure a firm connection.

### Wait for the glue to cure:

Follow the glue manufacturer's instructions and wait for the glue to cure. After the adhesive has cured, install support brackets but avoid over-tightening. When using metal brackets, place rubber pads where they contact the pipe.

### Test Connections:

Perform a pressure test to ensure the connections are secure. Seal one end of the pipe, apply pressure, and check for leaks.

### Check Functionality:

Verify the entire system's functionality, such as proper water flow and absence of unusual noises.

### Corrective Actions:

If leaks or other issues are found, correct them immediately.

### Clean the Work Area:

After installation, clean up the work area, removing all excess materials and tools.

### Regular Maintenance:

Periodically inspect the pipe system, promptly repairing any issues to maintain good condition.

# POLYGON Electrical Conduits



## Application

- Urban power grid construction and renovation
- Industrial park and community project construction
- Airport construction, transportation, road and bridge construction, as well as postal telecommunications

Polygon's electrical conduits and fittings are mainly made from high quality polyvinyl chloride (PVC) resin, with some additives, through extrusion and injection molding processes into pipes and fittings.

# PVC-U Flame-Retardant Insulated Electrical Conduit

- Compression resistance
- Corrosion and insect resistance
- Easy installation
- Complete range of accessories
- Flame-retardant properties
- Insulation protection
- Suitable for low temperatures

## PVC Electrical Conduit-Light



Size (mm)
dn16
dn20
dn25
dn32
dn40
dn50

## PVC Electrical Conduit-Middle



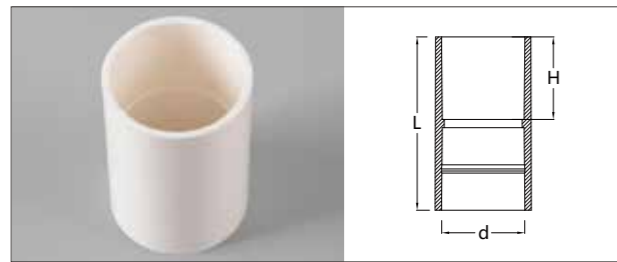
Size (mm)
dn16
dn20
dn25
dn32
dn40
dn50

## PVC Electrical Conduit-Heavy



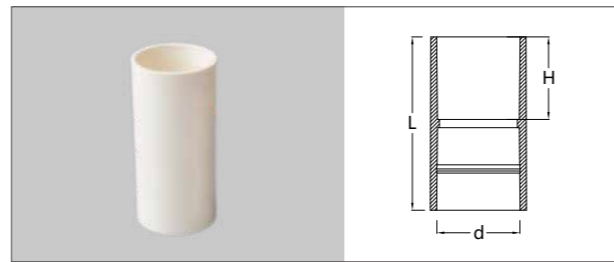
Size (mm)
dn16
dn20
dn25
dn32
dn40

# FITTINGS



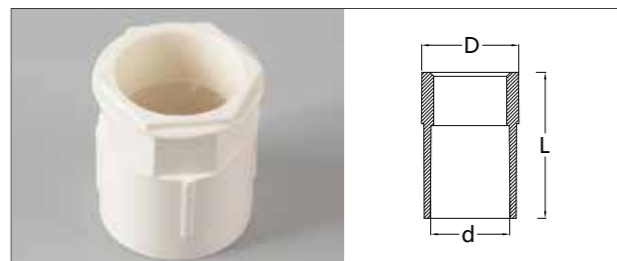
**Coupling**

Size (mm)	H	d	L
dn16	17	16	35
dn20	20	20	42
dn25	25	25	52
dn32	25	32	52
dn40	26	40	56



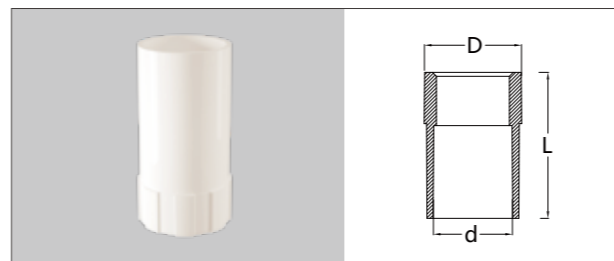
**Coupling-Long**

Size (mm)	H	d	L
dn20	27	20	55
dn25	29	25	60



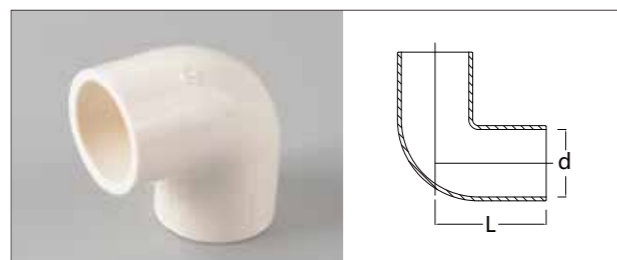
**Male and Female Adapter**

Size (mm)	D	d	L
dn16	25	16	37
dn20	25	20	40
dn25	30	25	43
dn32	39	32	46
dn40	/	40	/



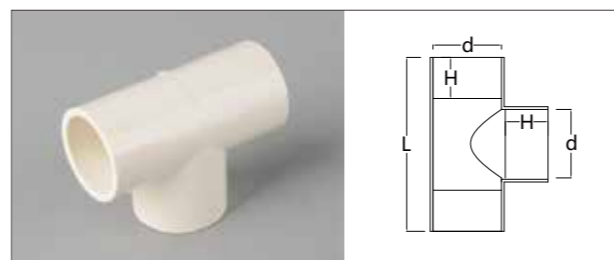
**Male and Female Adapter-Long**

Size (mm)	D	d	L
dn20	25	20	52
dn25	30	25	57



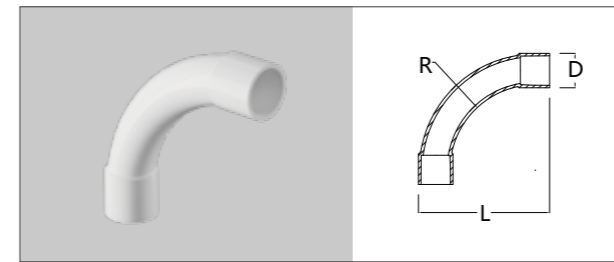
**90° Elbow**

Size (mm)	d	L
dn16	16	26
dn20	20	32
dn25	25	39
dn32	32	43
dn40	40	51



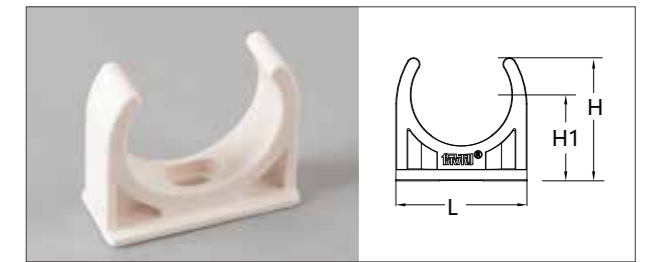
**Tee**

Size (mm)	H	d	L
dn16	16	16	51
dn20	20	20	63
dn25	25	25	78
dn32	22	32	85
dn40	24	40	96



**Radius Bend**

Size (mm)	L	D	R
dn32	110	32	68
dn40	/	40	/



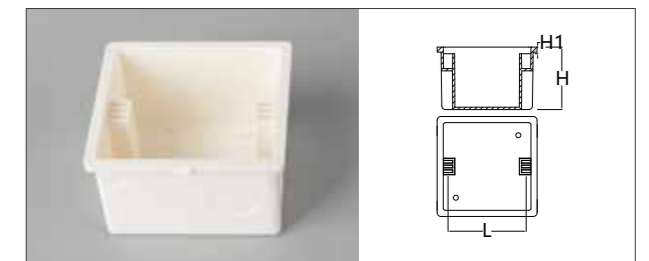
**Bar Saddle**

Size (mm)	H	H1	L
dn16	19	14	20
dn20	23	16	25
dn25	28	19	30
dn32	34	20	40
dn40	40	25	48



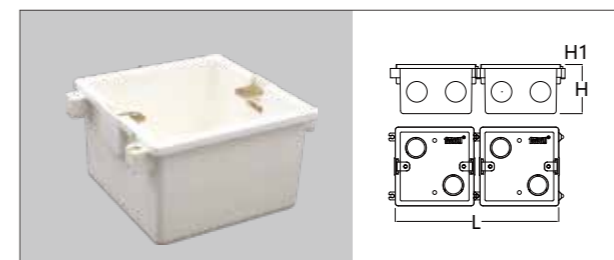
**Gang Box**

Size (mm)	H	H1	L
86HS50A	50	3	60
86HS60A	60	3	60
86HS70A	70	3	60



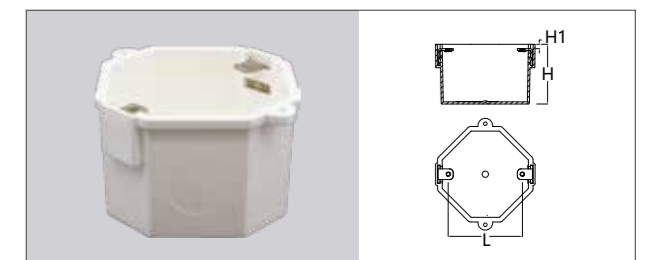
**Gang Box-Self tapping**

Size (mm)	H	H1	L
86HS50	50	5	60
86HS60	60	5	60
86HS70	70	5	60



**Dual-sided multi-gang box**

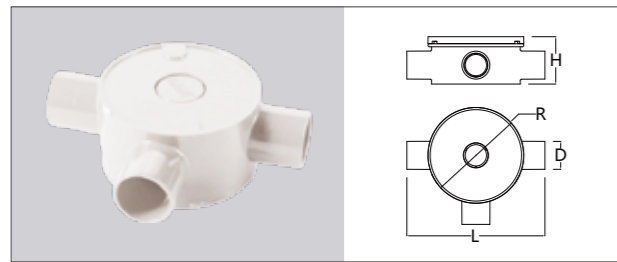
Size (mm)	H	H1	L
86HS50 (cylindrical connection)	50	4	60
86HS60A (Rebar connection)	60	4	60
86HS70A (Rebar connection)	70	4	60



**Octagonal box with tabs**

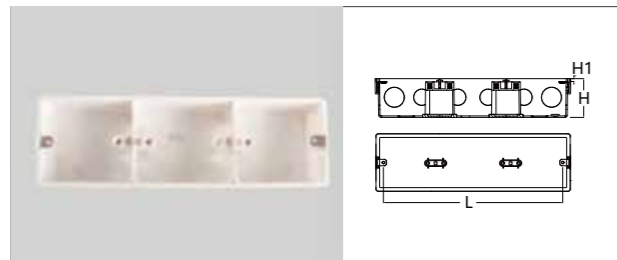
Size (mm)	H	H1	L
75×75×50	50	4	60
75×75×75	75	4	60
75×75×70(20)	70	4	60

# FITTINGS



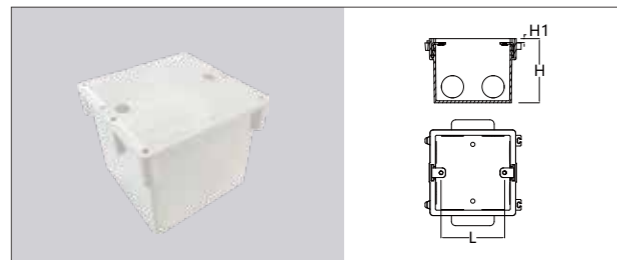
Three way round junction box

Size (mm)	H	D	L	R
dn16/65型	40	16	106	65
dn20/65型	40	20	106	65
dn16/75型	40	16	115	81



Triple-gang box

Size (mm)	H	H1	L
86HS50	50	3	224

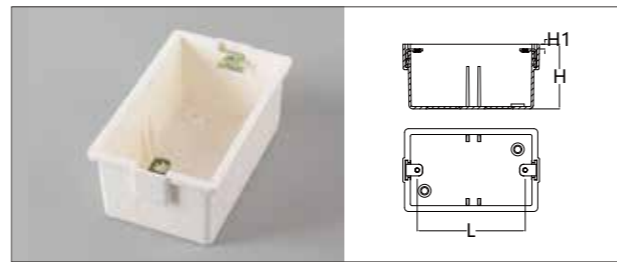


Gang Box-Pre-embedded/with cover

Size (mm)	H	H1	L
86HS70	70	5	60

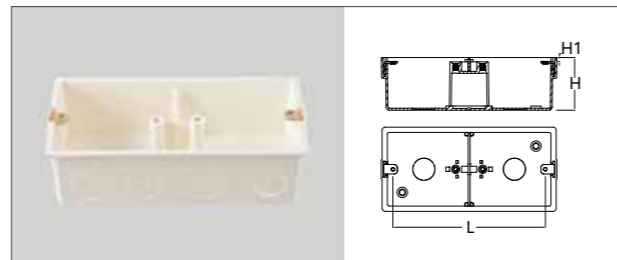


Cover of High-Depth Control Box (round)



118 Gang Box

Size (mm)	H	H1	L
2-Gang	50	3	84
3-Gang	50	3	121
4-Gang	50	3	162



Double-gang box

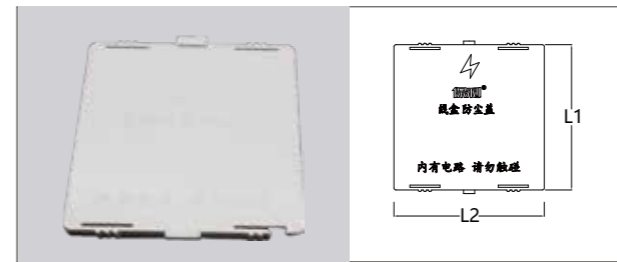
Size (mm)	H	H1	L
86HS38	38	3	124
86HS50	50	3	146



dual-sided multi-gang box

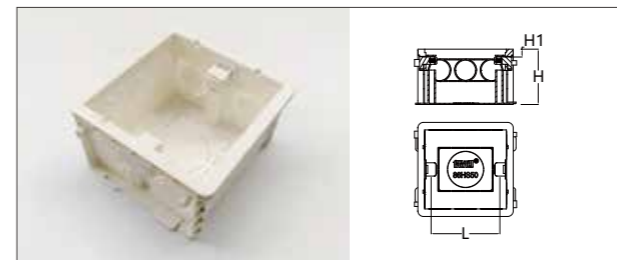
Size (mm)	H	H1	L
86HS60A			
86HS70A			
86HS70A(25)			

# FITTINGS



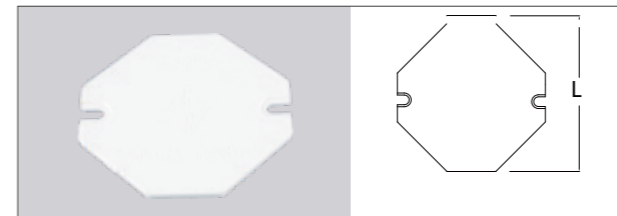
Dust cover of Gang box-home decoration

Size (mm)	L1	L2
86 type	72	75



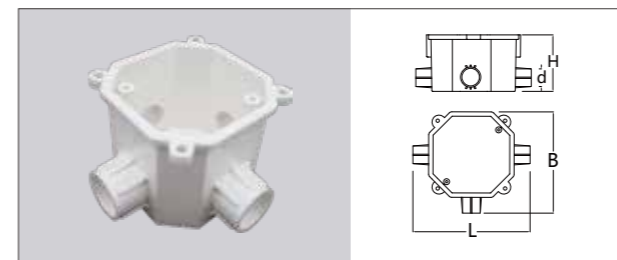
Gang box-D

Size (mm)	H	H1	L
86HS38	38	8	60
86HS50	50	9	60



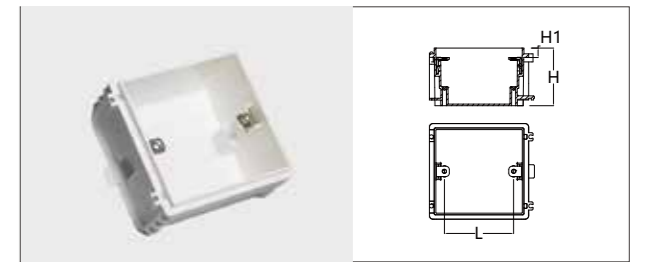
Dust cover of Octagonal box

Size (mm)	L
86 type	72



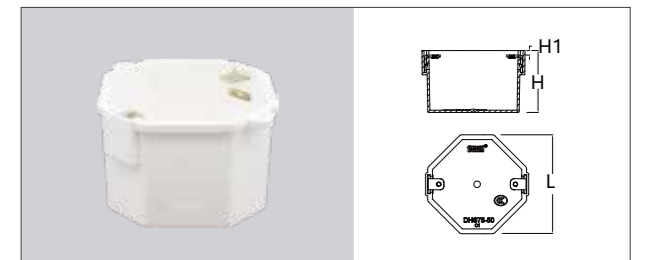
High-Depth Control Box

Size (mm)	H	d	L	B
dn20×H60 (one branch outlet)	50	16	90	76
dn20×H60 (two branch outlets)	50	16	104	76
dn20×H60 (two bent branch outlets)	50	16	90	90
dn20×H60 (three branch outlets)	50	16	104	90
dn20×H60 (four branch outlets)	50	16	104	104



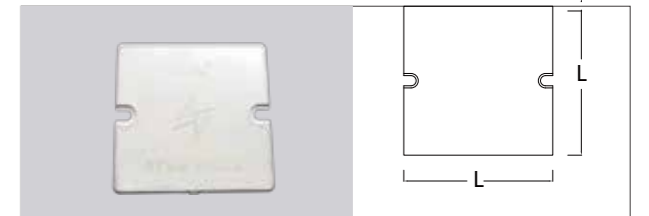
Gang box-C

Size (mm)	H	H1	L
86HS50	50	8	60



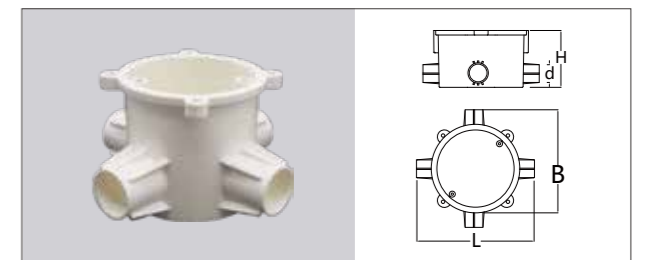
Octagonal box

Size (mm)	H	H1	L
75x75x50A	50	3	62



Dust cover of Gang box

Size (mm)	L
86 type	70



High-Depth Control Box (round )

Size (mm)	H	d	L	B
dn20×H63 (one branch outlet)	50	16	91	78
dn20×H63 (two branch outlets)	50	16	104	78
dn20×H63 (two bent branch outlets)	50	16	91	91
dn20×H63 (three branch outlets)	50	16	104	91
dn20×H63 (four branch outlets)	50	16	104	104

# Red and Blue conduit pipes

Distinguish strong and weak electricity, Avoid interference: red for strong electricity, blue for weak electricity



## Easy to identify strong and weak electricity

Adopt the design concept of "red for strong electricity, blue for weak electricity", which can effectively avoid the confusion during installation.



## Good Insulation Performance

Excellent insulation performance, can effectively prevent accidental leakage and electric shock accidents.



## Easily bendable

By inserting a bending spring inside the conduit, it can be manually shaped at room temperature.



## Flexible conduit layout, full product range

Orthodrome elbow, 135° elbow, bypass bend, etc., can effectively meet a variety of conduit layout requirements.

# FITTINGS



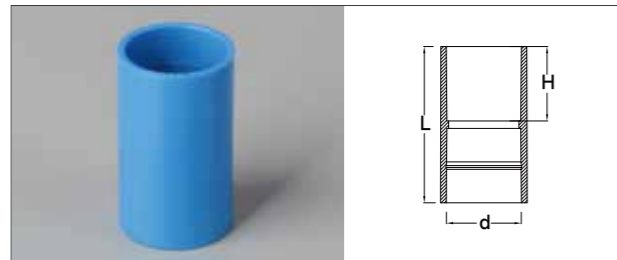
**PVC electrical conduit-Light**

Size (mm)
dn16
dn20
dn20 (+)



**PVC electrical conduit-Middle**

Size (mm)
dn16
dn18 (+)
dn20
dn25



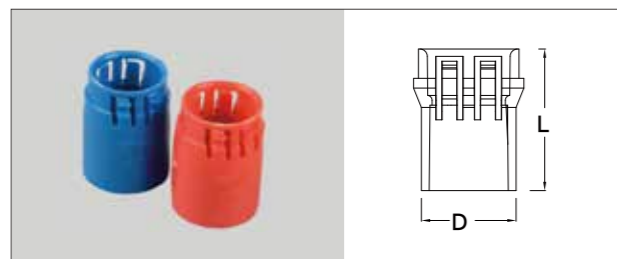
**Coupling**

Size (mm)	H	d	L
dn16	17	16	35
dn18	/	18	/
dn20	20	20	42
dn25	25	25	52



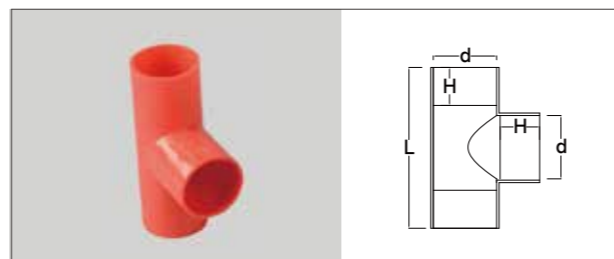
**Male and Female Adapter**

Size (mm)	D	d	L
dn16	25	16	37
dn18	/	18	/
dn20	25	20	40
dn25	30	25	43



**Male and Female Adapter-quick model**

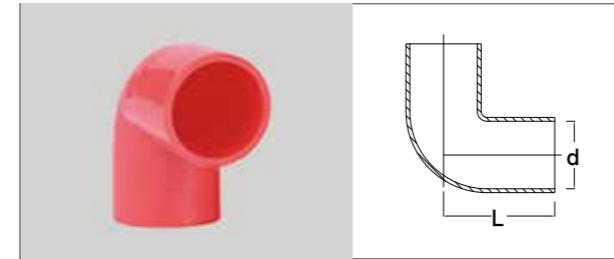
Size (mm)	D	d	L
dn16	19	16	29
dn20	24	20	31



**Tee**

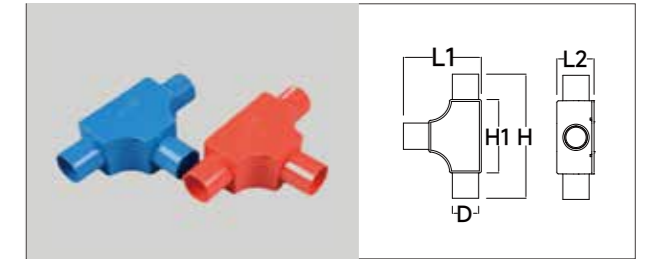
Size (mm)	H	d	L
dn16	16	16	51
dn20	20	20	63
dn25	25	25	78

# FITTINGS



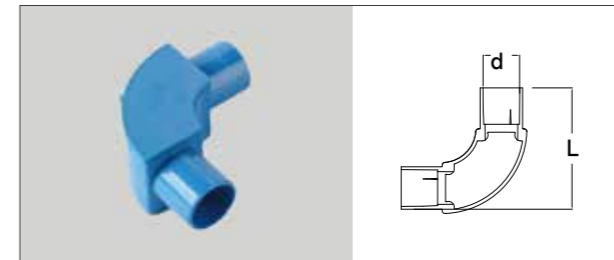
**90° elbow**

Size (mm)	d	L
dn16	16	26
dn20	20	32
dn25	25	39



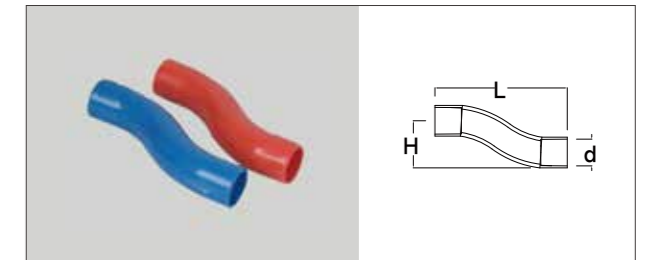
**Tee with cover**

Size (mm)	H	H1	D	L1	L2
dn20	110	65	20	69	33
dn25	116	65	25	74	40



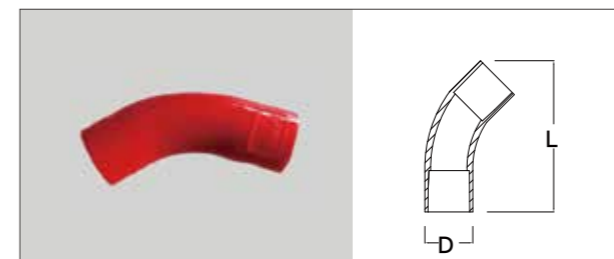
**Elbow with cover**

Size (mm)	d	L
dn20	20	67
dn25	25	72



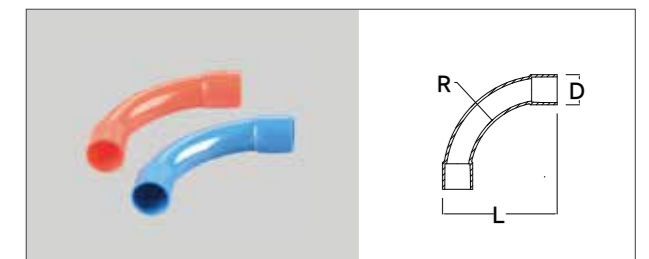
**Bypass bend**

Size (mm)	H	d	L
dn16	34	16	85
dn20	36	20	100



**135° Elbow**

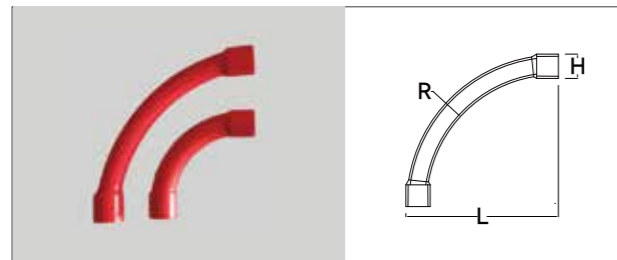
Size (mm)	d	L
dn16	16	62
dn20	20	73



**Radius Bend**

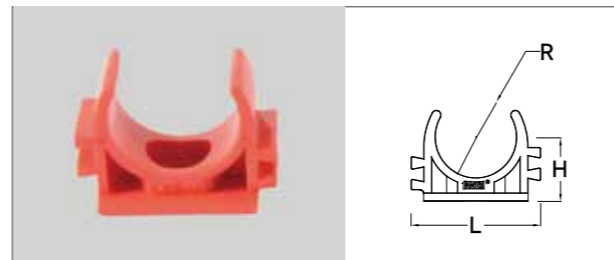
Size (mm)	L	D	R
dn16	73	16	47
dn20	90	20	59

# FITTINGS



**Radius Bend - Long**

Size (mm)	L	H	R
dn16	105	16	112
dn20	142	20	130



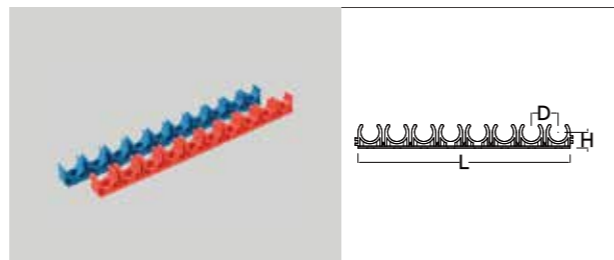
**Saddle clamp**

Size (mm)	H	R	L
dn16	14	16	27
dn18	/	18	/
dn20	15	20	31



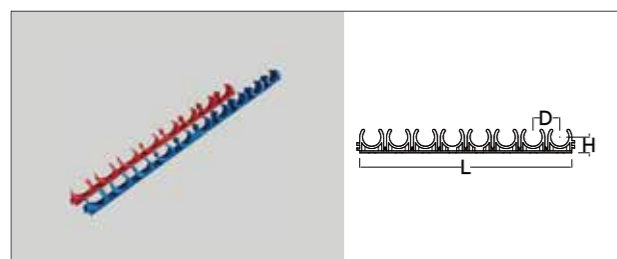
**Bar Saddle**

Size (mm)	H	R	L
dn16	14	16	20
dn20	16	20	25



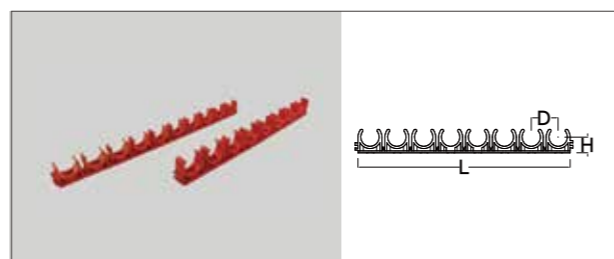
**long conduit saddle clamp**

Size (mm)	H	D	L1
dn16x10	19	16	220



**long conduit saddle clamp - type II**

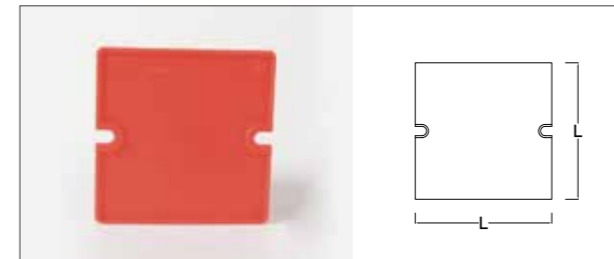
Size (mm)	H	D	L
dn18x8	/	18	/
dn20x8	22	20	254
dn16x10	18	16	280



**long conduit saddle clamp - type III**

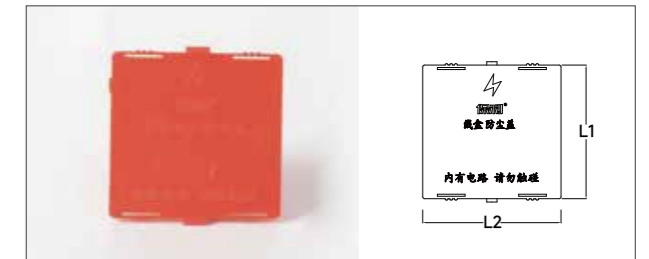
Size (mm)	H	D	L
dn16x10	20	16	223
dn20x8	25	20	232

# FITTINGS



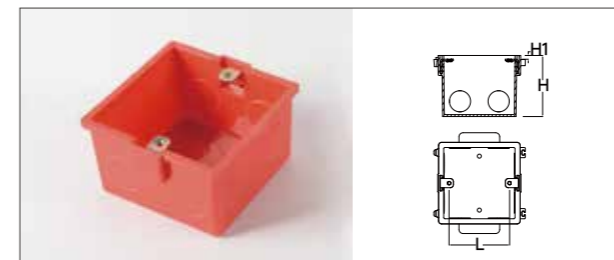
**Dust cover of Gang box**

Size (mm)	L
86型	70



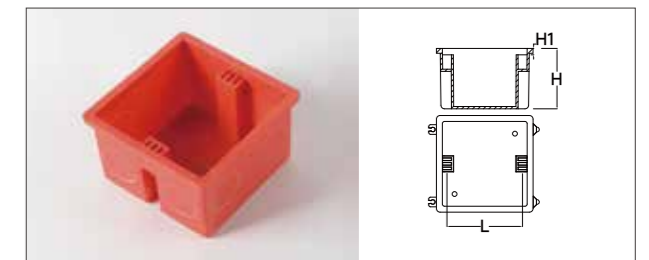
**Dust cover of Gang box-home decoration**

Size (mm)	L1	L2
86型	72	75



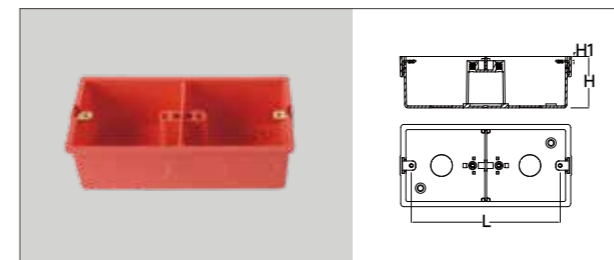
**Gang Box**

Size (mm)	H	H1	L
86HS38	38	3	60
86HS50A	50	3	60



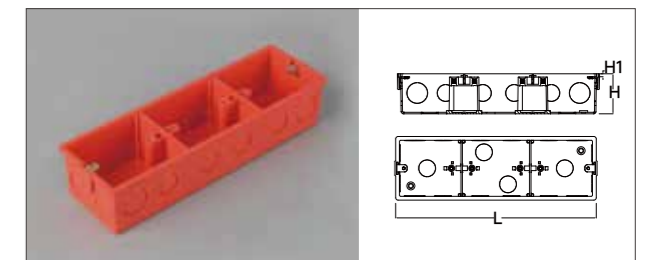
**Gang Box-Self tapping**

Size (mm)	H	H1	L
86HS38	39	5	62
86HS50	50	5	62



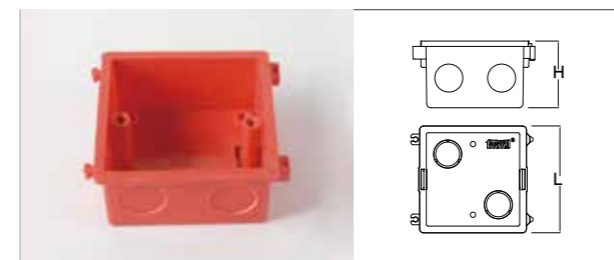
**Double-gang box**

Size (mm)	H	H1	L
86HS38	38	3	124
86HS50	50	3	136



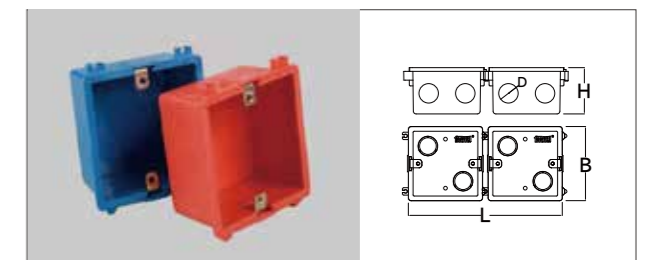
**Triple-gang box**

Size (mm)	H	H1	L
86HS50	50	3	222



**Dual-sided multi-gang box-cylindrical connection**

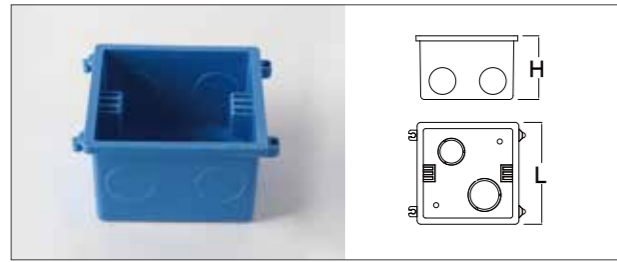
Size (mm)	H	L
86HS38	38	80



**Dual-sided multi-gang box-cylindrical connection**

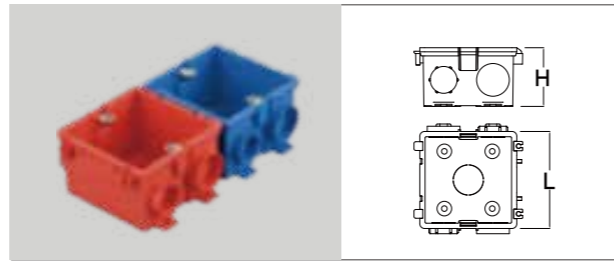
Size (mm)	H	R	L
86HS50	50	3	146

# FITTINGS



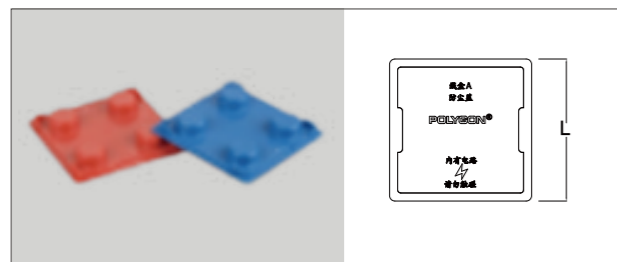
**Dual-sided multi-gang box-Self tapping**

Size (mm)	H	L
86HS38	38	80
86HS50 III	50	80



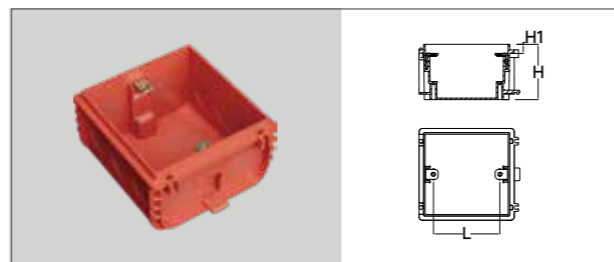
**Gang Box-A**

Size (mm)	H	L
86HS50(20×20孔)	50	83
86HS50(20×25孔)	50	83



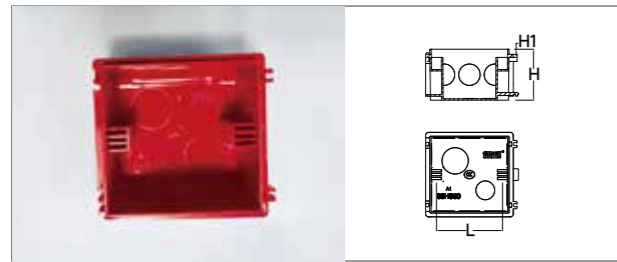
**Dust cover of Gang box-A**

Size (mm)	L
	80



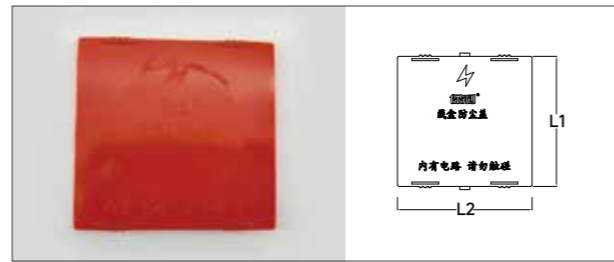
**Gang Box-C**

Size (mm)	H	H1	L
86HS50	50	8	60



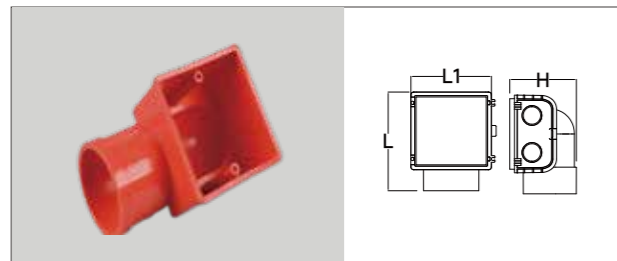
**Gang Box-C/Self tapping**

Size (mm)	H	H1	L
86HS50	50	8	60



**Dust cover of Gang box-C**

Size (mm)	L1	L2
86HS50	72	75



**PVC audio-visual Gang box**

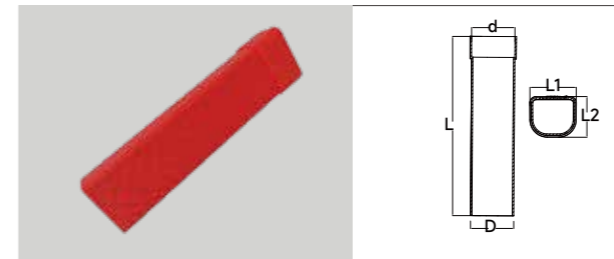
Size (mm)	H	L	L1
dn50	71	105	86



**PVC audio-visual gang box kit/matched with Gang box C**

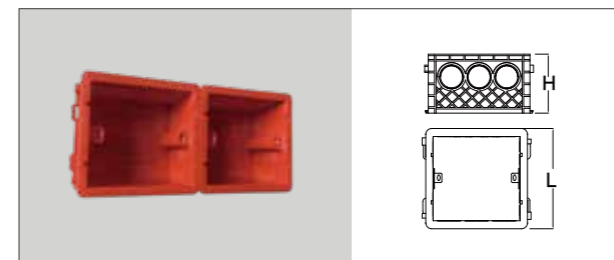
Size (mm)
86C65C

# FITTINGS



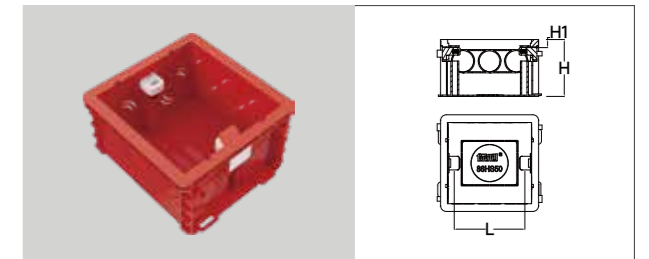
**PVC conduit for audio-visual gang box**

Size (mm)
dn45X60



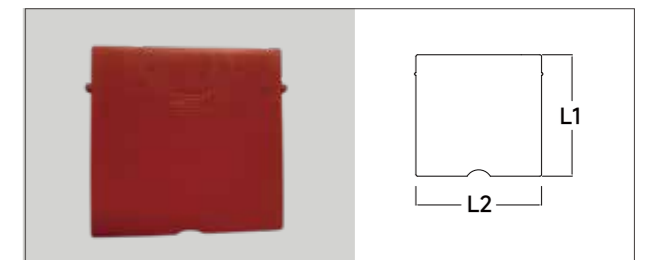
**Gang Box-D/Self tapping**

Size (mm)	H	H1	L
86HS50	50	5	60



**Gang Box-D**

Size (mm)	H	H1	L
86HS38	38	8	60
86HS50	50	9	60



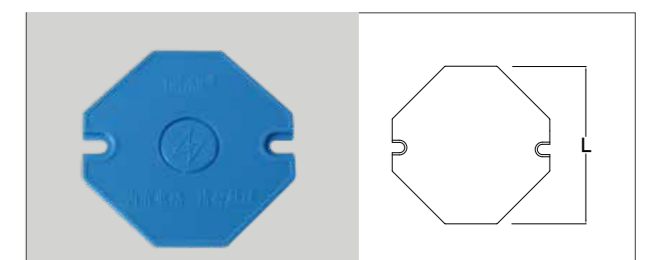
**Dust cover of Gang box-D**

Size (mm)	L1	L2
86HS50	71	73



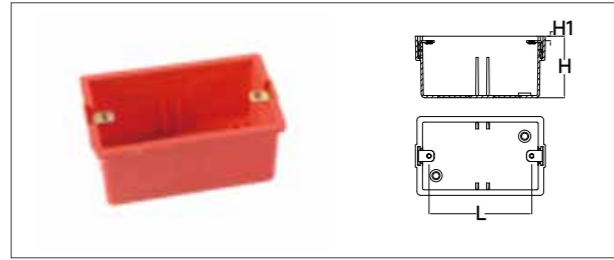
**Octagonal box with tabs**

Size (mm)	H	H1	L
75×75×50A	50	3	62



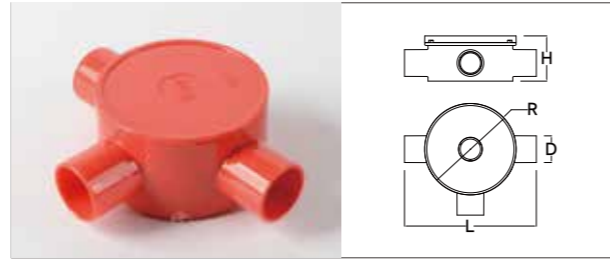
**Dust cover of Octagonal box**

Size (mm)	L
86型	72



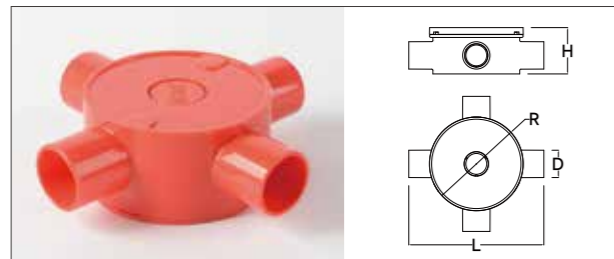
**118 Gang Box**

Size (mm)	H	R	L
Two-gang	50	3	84
Three-gang	50	3	121
Four-gang	50	3	162



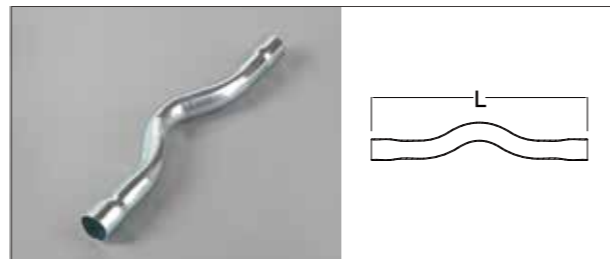
**Three way round junction box**

Size (mm)	H	D	L	R
dn16/65type	40	16	106	65
dn18/65type	40	18	106	65
dn20/65type	40	20	106	65
dn16/75type	40	16	117	81
dn20/75type	40	20	117	81



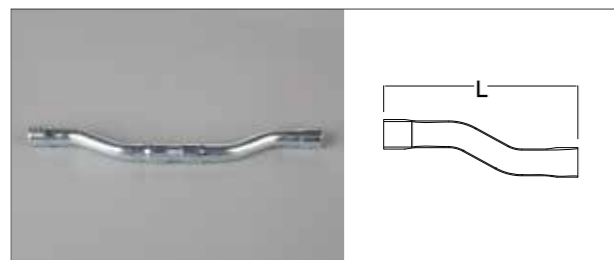
**Four way through round junction box**

Size (mm)	H	D	L	R
dn16/65type	40	16	106	65
dn20/65type	40	20	106	65
dn16/75type	40	16	117	81
dn20/75type	40	20	117	81



**nickel-plated integrated bridge bend/used for conduit**

Size (mm)	L
dn16	170
dn20	198



**nickel-plated split bridge bend/used for conduit**

Size (mm)	L
dn16	120
dn20	138



**nickel-plated shielded conduit connector/used for conduit**

Size (mm)	L
dn16-200	200
dn20-200	200



**Gang Box-F**

Name	Size (mm)
Red PVC Junction Box -Type F	86HS50
Red PVC Junction Box -Type F	86HS38
Red PVC Dual Gang Box - Type F	86HS50
Red PVC Triple Gang Box - Type F	86HS50
White PVC Junction Box -Type F	86HS50
White PVC Junction Box -Type F	86HS38
White PVC Dual Gang Box -Type F	86HS50
White PVC Triple Gang Box - Type F	86HS50
Blue PVC Junction Box -Type F	86HS50
Blue PVC Junction Box -Type F	86HS38
Blue PVC Dual Gang Box -Type F	86HS50
Blue PVC Triple Gang Box -Type F	86HS50

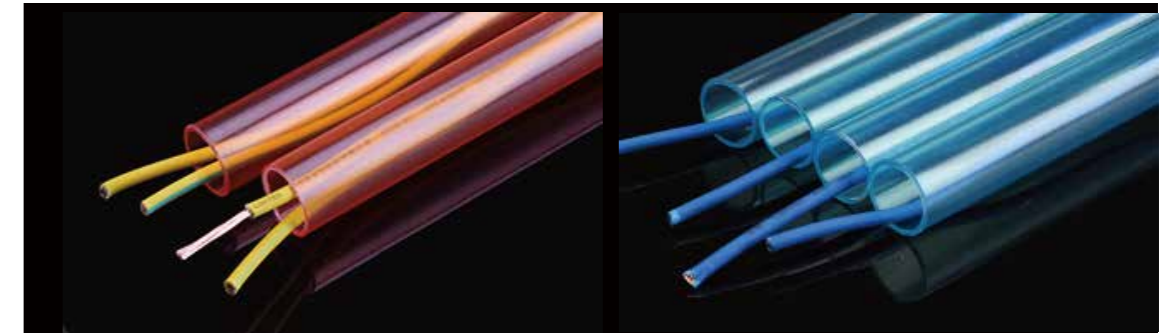
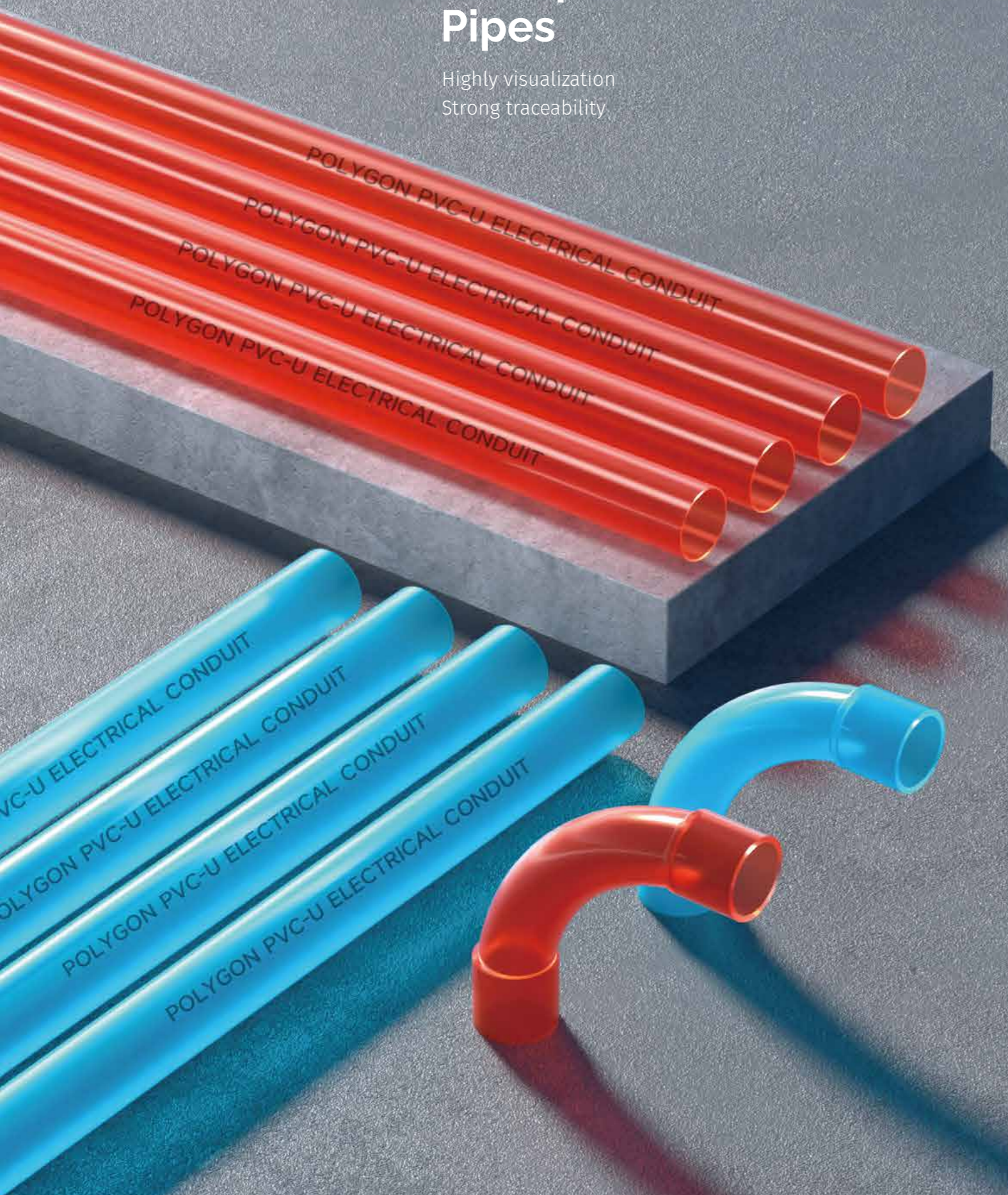


**PVC octagonal junction box - with tabs/20 openings.**

Name	Size (mm)
Red PVC octagonal junction box -with tabs/20 openings	75×75×50
Red PVC octagonal junction box -with tabs/20 openings	75×75×50
Blue PVC octagonal junction box -with tabs/20 openings	75×75×50
Transparent red PVC octagonal junction box -with tabs/20 openings	75×75×50
Transparent blue PVC octagonal junction box -with tabs/20 openings	75×75×50

# Transparent Conduit Pipes

Highly visualization  
Strong traceability



## Easy Identification and Maintenance

the visual design allows for clear assessment of conduit quality, effectively preventing installation confusion.

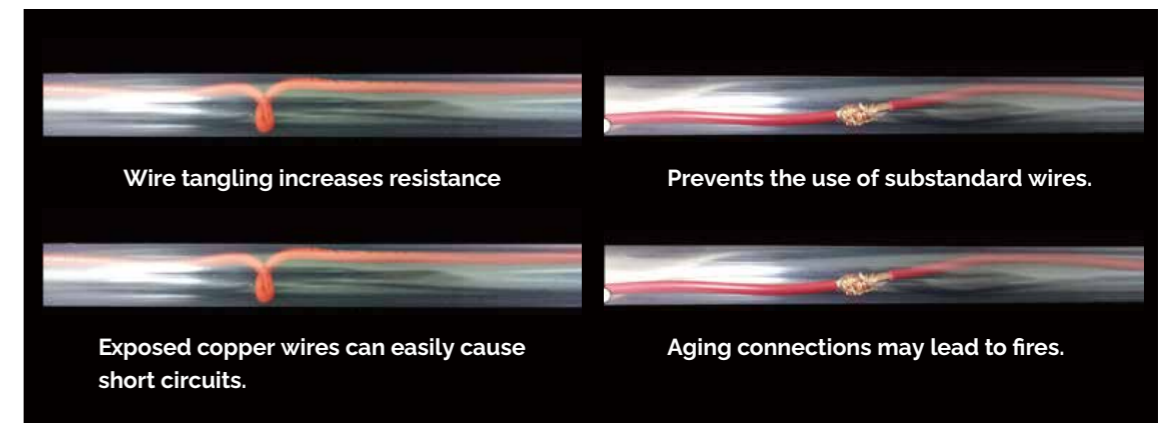


## VO-Level Flame Retardant Standard

Separation of strong and weak electricity, self-extinguishing when removed from a flame, ensuring safety, excellent insulation properties.

## Distinguish of Strong and Weak Currents, avoid Interference

Separation of strong and weak electricity, self-extinguishing when removed from a flame, ensuring safety, excellent insulation properties.



## Easy inspection, safe and reliable

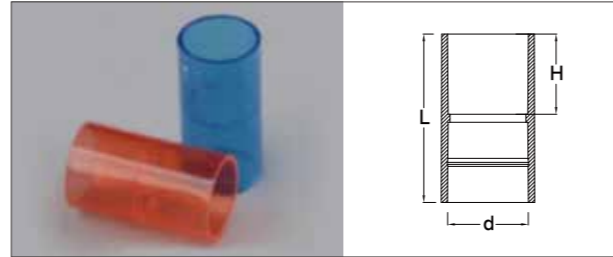
Transparent conduits reduce the error rate during wire connections, significantly preventing safety incidents.

# FITTINGS



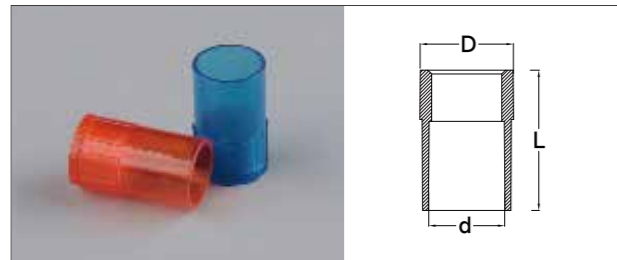
Transparent PVC electrical conduit-205

Size (mm)
dn16
dn20



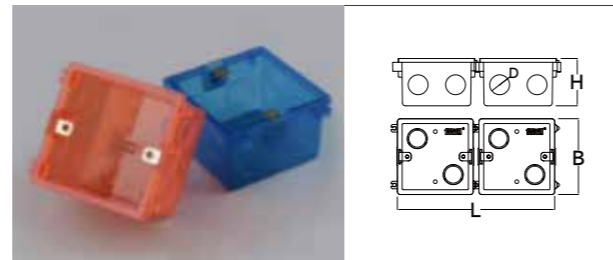
Coupling

Size (mm)	H	d	L
dn16	17	16	35
dn20	20	20	42



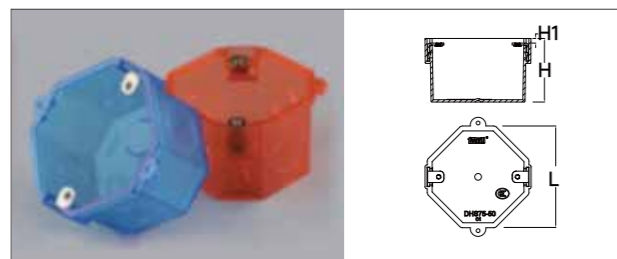
Male and Female Adapter

Size (mm)	D	d	L
dn16	25	16	37
dn20	25	20	40



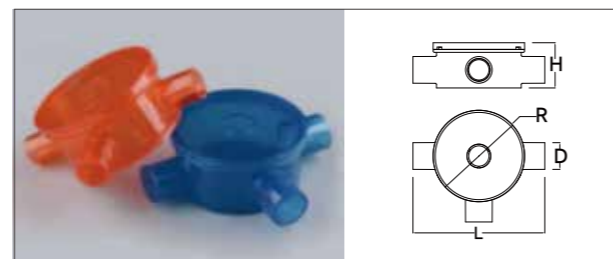
Dual-sided multi-gang box- pre-punched

Size (mm)	H	B	L
86HS50	50	3	146



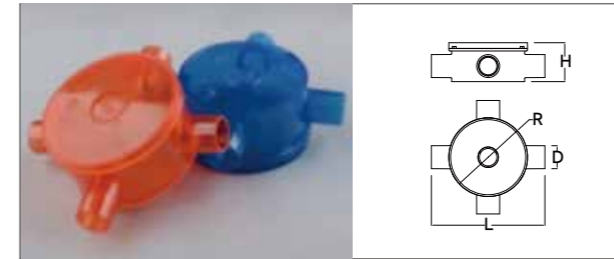
Octagonal box ( pre-punched and with tabs)

Size (mm)	H	H1	L
75x75x50	50	3	60



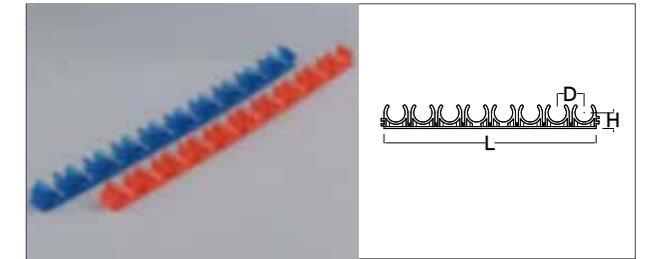
75 Three way round junction box

Size (mm)	H	D	L	R
dn16/75型	40	16	117	81
dn20/75型	40	20	117	81



75 Four way through round junction box

Size (mm)	H	D	L	R
dn16/75	40	16	117	81
dn20/75	40	20	117	81



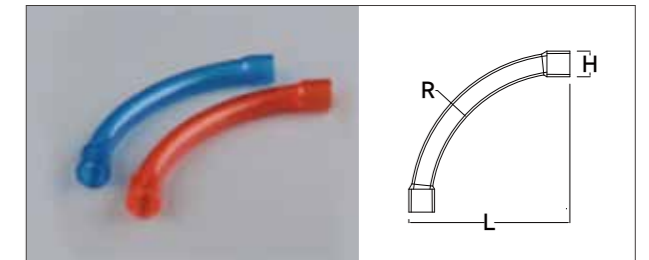
Saddle clamp - type II

Size (mm)	H	D	L
dn16x10	18	16	280
dn20x8	22	20	254



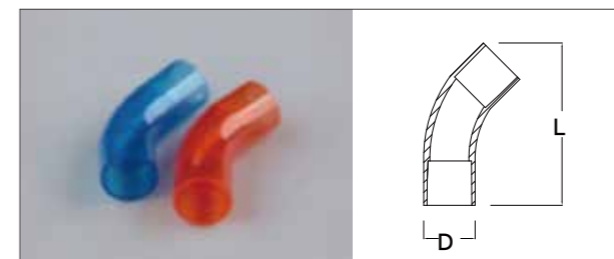
Saddle clamp-multi-gang compatible

Size (mm)	H	L	R
dn16	14	27	16
dn20	15	31	20



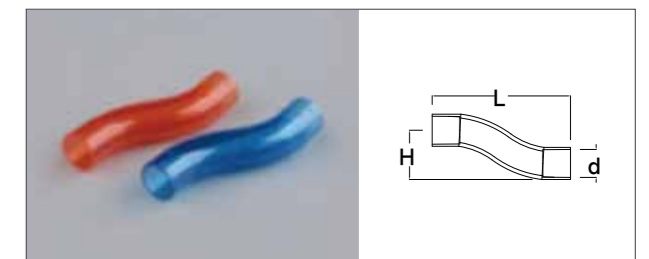
Radius Bend-Long

Size (mm)	H	L	R
dn16	16	105	112
dn20	20	142	130



135° elbow

Size (mm)	d	L
dn16	16	62
dn20	20	73



Bypass bend

Size (mm)	d	L	H
dn16	16	85	34
dn20	20	100	36

# FITTINGS



Size (mm)
dn16×L550
dn20×L550
dn25×L550
dn32×L550
dn16×L1000
dn16×L1500
dn20×L1000
dn20×L1500

Black spring (metal) - light



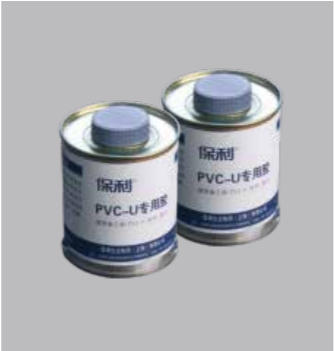
Size (mm)
dn16×L550
dn18(+)*L550
dn20×L550
dn25×L550
dn32×L550
dn16×L1000
dn16×L1500
dn20×L1000
dn20×L1500

Black spring (metal) - Middle



Size (mm)
dn16×L550
dn20×L550
dn25×L550
dn32×L550

Black spring (metal) - Heavy



Size (mm)
250
500

Glue



## ENGINEERING CASE

Shanghai International World Financial Center  
 Snow Dragon South Board Research Ship  
 German Consulate in Shanghai  
 Nanjing Langsey international block  
 Yufeng Garden  
 Shangcheng County  
 New Oriental  
 Century Garde



Shenyang Industrial university  
 Rongqiao Real Estate in Xi'an  
 Xi'an Zhonghai Real Estate  
 Xi'an Merlin Pick Garden  
 Vanke Xi'an New Town  
 Xi'an Fuli City  
 Changqing Oilfield Lakeside Garden  
 Beijing Hongshan Community

Renovation of Caoshanling Old City  
 Dalian Wanda Pearl Square  
 Yadu Garden, Tianjin Tanggu Development Zone  
 Beijing Military District Tianjin Nursing Home  
 Baoding Huazhong Holiday Athens City  
 Baoding Jinpeng Swan Bay  
 Qinhuangdao Yanda Mangrove Bay  
 Qinhuangdao Beidaihe Guanhai Garden



Dongwangling New Village Reconstruction Project  
 Shijiazhuang Mocha Town  
 Sanmenxia Civil Service Community  
 Zhoukou Power Community  
 Shangqiu City Pipe Network  
 Zhongyuan Lida High Speed Rail Package  
 Dalian Wanda Mansion  
 Shenyang Olympic Sports Center

Fushun Big Ethylene Park  
 Anshan Fortune Center  
 Tianjin Tanggu Offshore Oil  
 Tianjin Tanggu Free Trade Zone Logistics Building  
 Tangshan Guangyuan Garden  
 Taicang Shanghai Holiday Garden  
 Changzhou Lajun Garden