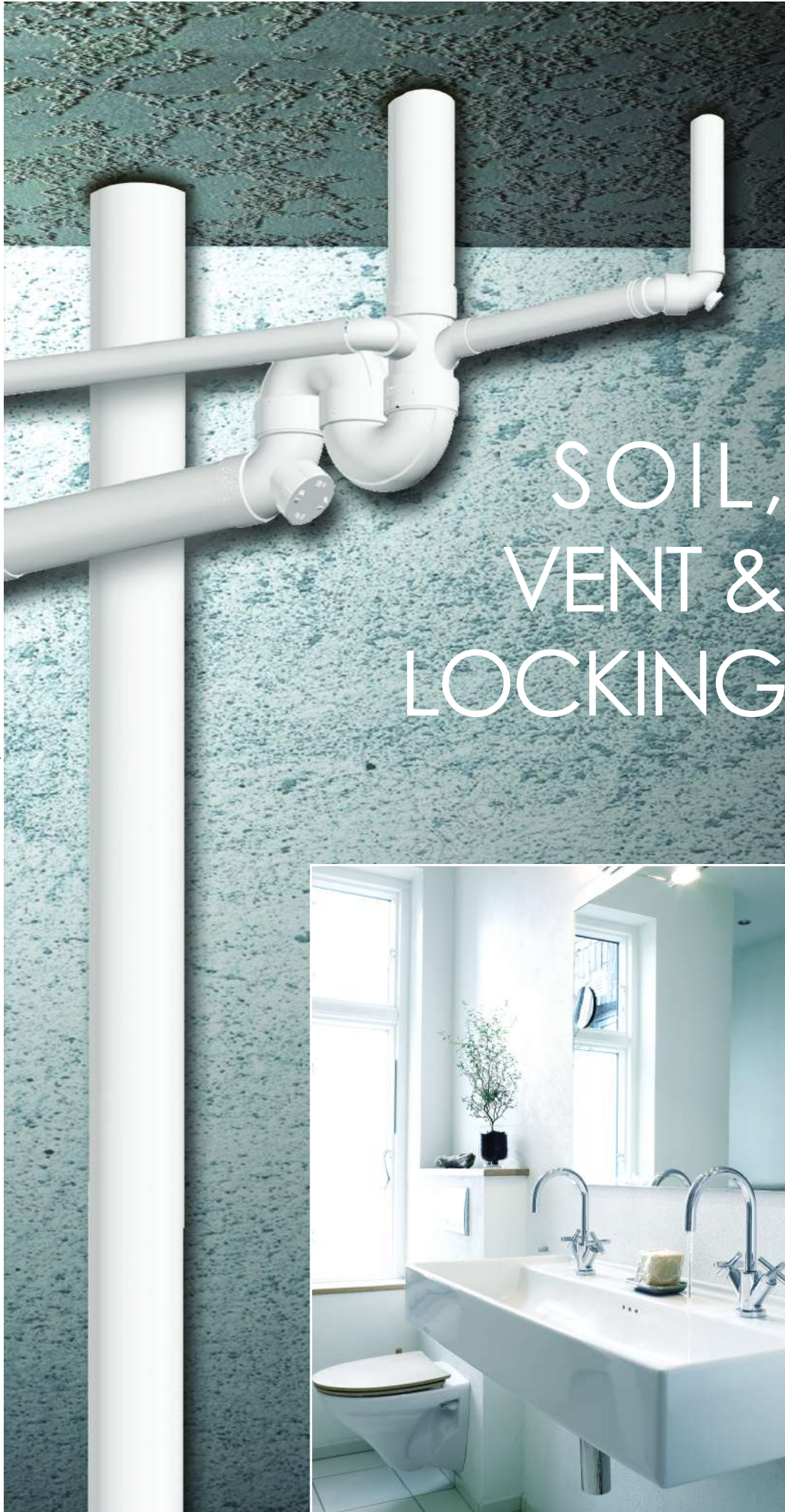




SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

an *Aliaxis* company

★ ★ ★
LEAD-FREE
PIPE SYSTEMS

SUITABLE FOR BUILDINGS,
HOUSES AND CIVIL
CONSTRUCTION PURPOSES.

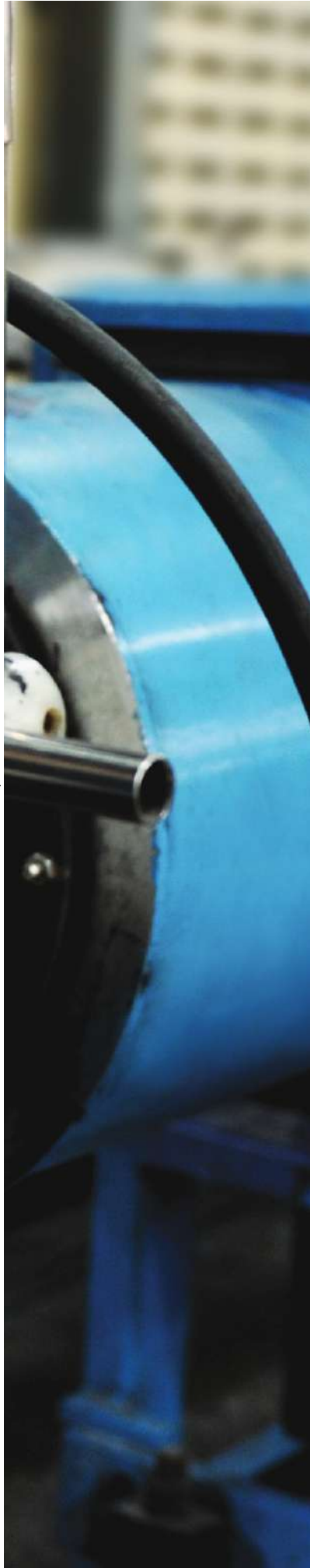
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PRODUCT RANGE

SOIL, WASTE, VENT SYSTEM

FEATURES

- Designed & developed in Singapore
- High performing PVC-U system - meets temperature, pressure and size requirements for above ground drainage
- High quality finish with smooth internal and external surfaces
- Excellent resistance to chemicals found in domestic effluent
- Complies with SS213, BS4514, BS5255 & AS/NZS 1260
- Backed by Aliaxis Group, global leader in plastic fluid handling systems



ADVANTAGES

- Complete system of pipes and fittings for Soil, Waste & Vent
- Proven track record of more than 35 years of delivering quality products
- Low Installation cost and easy handling helps to reduce project cost
- Long term durability and performance minimizes cost of repairs
- Lead free formulation improved environment friendly
- System resistance to bacteria and fungi
- High flow capacity due to high quality finish



APPLICATION

- Snow's Soil, Waste & Vent Piping Systems are used in all types of construction,
 - HDB and private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings and factories



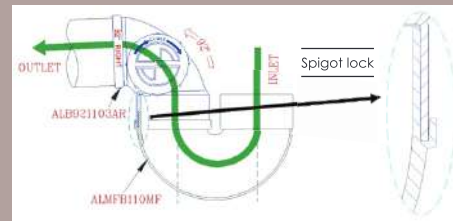


PRODUCT RANGE

DOUBLE LOCKING SYSTEM

FEATURES

- System designed and developed in Singapore
- Approved for use in all Singapore HDB Housing projects
- Superior design prevents leakage and ensures poor workmanship is easily identified
- High performing PVC-U system - meets temperature, pressure and size requirements for above ground drainage
- Backed by Aliaxis Group, global leader in plastic fluid handling systems



ADVANTAGES

- Superior design prevent leakage and ensures easy detection of flaws, even if the
 - Pipe is not fully inserted into the socket end
 - Pipe is unevenly cut
 - Solvent cement is insufficient or incorrectly applied
 - Workmanship is shoddy
- Leakage prevention and easy installation ensures lower installation and maintenance cost
- Proven track record of more than 35 years of delivering quality products

APPLICATION

- Snow Double Locking system is mandatory for all HDB Housing projects.
- Snow's Double Locking system offers leak proof drainage in all types of construction,
 - HDB and private residential projects
 - Commercial projects such as hotels, shopping malls and offices
 - Industrial buildings and factories





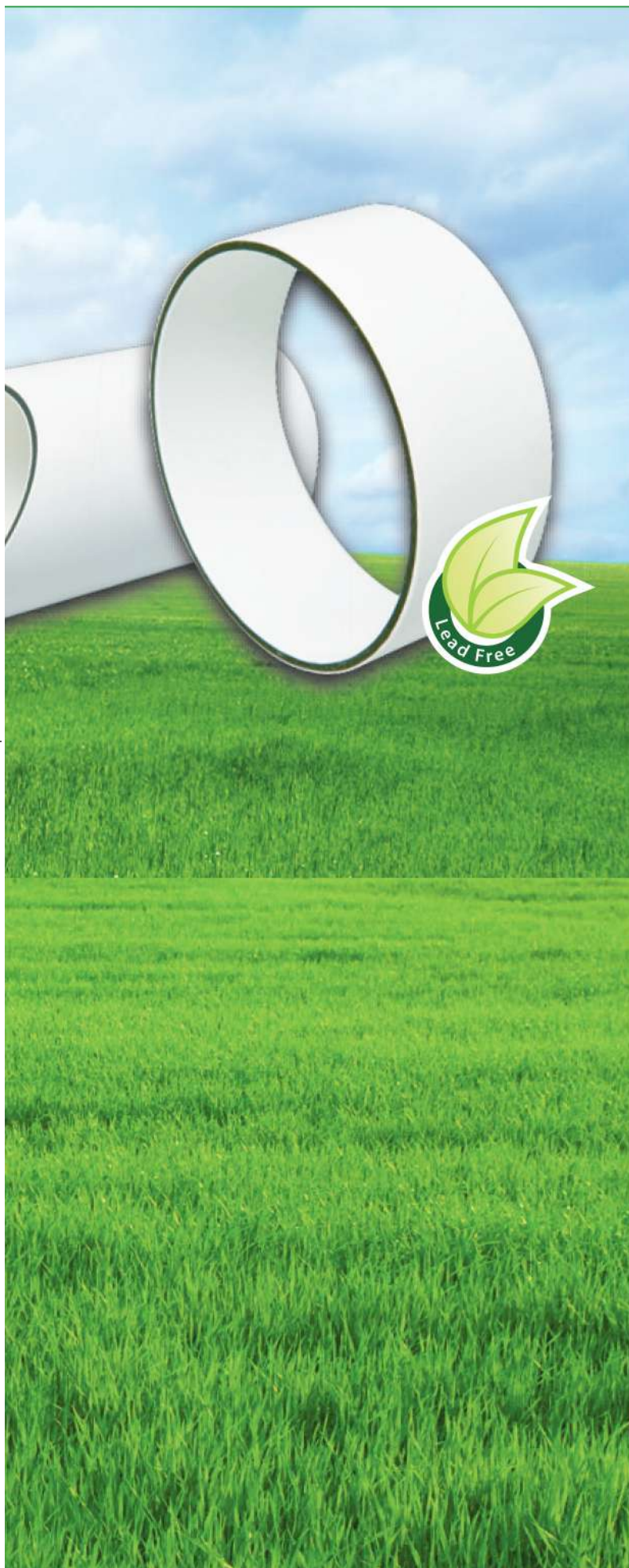
SNOW® **EcoPipes**
for greener home

The revolutionized **SNOW EcoPipes** is a unique innovation that focuses on conserving and preserving our precious environment for the benefit of future generations.

5 Features of SNOW EcoPipes

- 1 UNIQUE CORE** - Unlike conventional single-layer uPVC pipes, SNOW EcoPipes has a center layer that is made of reprocessed materials generated from the manufacturing process based on SNOW's very own premium formulation.
- 2 ENERGY SAVING** - This three-layer piping system is produced using advanced co-extrusion technology which uses less power during production while increasing efficiency and productivity of the process. This is a big step in conserving energy and resources for long term environment sustainability.
- 3 ECO-FRIENDLY** - SNOW Ecopipes is made mostly from reprocessed materials, and is also lead-free. Hence, this pipe is safe for both humans and the environment.
- 4 HIGH PERFORMANCE** - This product has been tested and proven to provide performance on par or exceeding BSEN 1329. This high performance ensures excellent drainage system.
- 5 ALGAE RESISTANT** - This unique pipe is also designed as such that it prevents algae or other microbial growth inside the pipe to maintain a smooth bore for better flow rate.

With the 5 special features, SNOW ECOPIPES provide energy savings, water savings, and is environmentally friendly, which reduces the impact on the environment.



PRODUCT RANGE

SNOW
ECOPIPES

FEATURES

- High quality finish with smooth internal and external surfaces
- Provides low coefficient of flow friction
- Excellent resistance to chemicals found in domestic effluent
- Remains stable under elevated temperature
- Complies with BS EN 1329, BS 4514 and MS 1063

 ADVANTAGES

- Premium Formulation and Reliability
- Eco-Friendly
- High Drainage Performance
- Very Competitive Cost
- Algae Resistance

 APPLICATION

SNOW EcoPipes is used in all types of construction, in particular residential, commercial and industrial buildings.





QUALITY & CERTIFICATION



SYSTEM CERTIFICATION

FITTINGS

1. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for soil and waste discharge (low and high temperature) within the building structure.
2. Un-Plasticised Polyvinyl Chloride (uPVC) fittings for non-pressure underground drainage and sewerage.

PIPES

1. Un-Plasticised Polyvinyl Chloride (uPVC) pipes for soil and waste discharge (low and high temperature) within the building structure.

SOLVENT CEMENT

1. Polyvinyl Chloride (PVC) Solvent Cement.

SNOW's Soil, Waste & Vent Piping System is manufactured in accordance to the requirements of Singapore Standard, SS213:1998, Un-Plasticised PVC pipes and fittings for soil, waste and vent applications (Equivalent to British Standard BS4514, BS5255, Australian / New Zealand Standard AS/NZS1260).



SPECIFICATION /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

SWV PIPES

MODEL	NOM SIZE (mm)	SPECIFICATION
SWV Pipes	32, 40, 50	SS213/ BS5255
SWV Pipes	65, 80, 100, 150	SS213/ BS4514

SWV FITTINGS

Specification: BS5255 / SS213

MODEL	NOM.SIZE (mm)
88° Bend (Available in F/F & M/F)	32, 40, 50
88° Bend with Inspection Opening (Available in F/F & M/F)	32, 40, 50
45° Bend (Available in F/F & M/F)	32, 40, 50
45° Bend with Inspection Opening (Available in F/F & M/F)	40, 50
88° Sweep Junction (Available in F/F)	32, 40, 50
88° Sweep Junction (Available in M/F)	50
88° Sweep Junction with Inspection Opening (Available in F/F)	32, 40, 50
88° Reducing Sweep Junction (Available in F/F)	50x32, 50x40
88° Reducing Sweep Junction (Available in F/F) with Inspection Opening	50x40
88° Double Sweep Junction (Available in F/F)	50x50
88° Double Sweep Junction (Long) (Available in F/F)	50x50
45° Y-Junction (Available in F/F)	50
Level Invert Taper (Available in F/F & M/F)	50x40
Socket	32, 40, 50
Express Speed Receiver (Sleeve Socket)	50
Screw Cap	50
Push-on Cap	32, 40, 50
I/O Cap With washer Only	25, 32, 40
Reducing Bush	40x32, 50x32, 50x40
Collar Bracket	22, 32, 42, 50, 54
Access Cap & Plug (Available in F/F & M/F)	32, 40, 50
Adaptor (SS213 to SS174)	32, 40, 50
Vent Cowl	50
Female Iron Connector	32, 40, 50
Male Iron Connector	32, 40, 50
Boss Adaptor	32

SWV FITTINGS

Specification: BS4514 / SS213

MODEL	NOM.SIZE (mm)
88° Bend (Available in F/F & M/F)	80, 100, 150
92° Bend (Available in F/F)	100
88° Bend with Inspection Opening (Available in F/F & M/F)	80, 100, 150
88° Bend (Available in F/F & M/F) with 3" Cleaning Access	150
88° Bend (Available in F/F) (Long)	100
88° Bend (Available in F/F & M/F) (Long Spigot) with 4" Cleaning Access	100
88° Bend with 2" vent (Available in F/F & M/F)	100x50
92° Bend with 2" vent (Available in F/F)	80x50, 100x50
88° Bend Long with 2" vent (Available in M/F)	100x50
88° Bend Long with 2" vent with 4" Cleaning Access (Available in M/F)	100x50
88° Reducing Bend (Available in F/F & M/F)	100x80
88° Reducing Bend with 2" vent (Available in F/F)	100x80x50
45° Bend (Available in F/F & M/F)	80, 100, 150
45° Bend with Inspection Opening (Available in F/F & M/F)	80, 100, 150
43° Bend with 2" vent (Available in F/F & M/F)	100x50
45° Bend (Available in M/F)	100
88° Sweep Junction (Available in F/F & M/F)	80, 100, 150
88° Sweep Junction with Inspection Opening (Available in F/F & M/F)	80, 100, 150
88° Reducing Sweep Junction (Available in F/F & M/F)	100x50, 100x80, 150x100
88° Reducing Sweep Junction (Available in F/F & M/F) with Inspection Opening	100x50, 100x80, 150x100
88° Double Sweep Junction (Available in F/F, M/F)	80x80x80, 100x100x100
88° Reducing Double Sweep Junction (Available in F/F, M/F)	100x50x50, 100x80x80, 150x100x100



SWV FITTINGS

Specification: BS4514 / SS213

MODEL	NOM.SIZE (mm)
88° Reducing Sweep Junction <i>with 2 socket end branch</i> <i>(Available in F/F & M/F)</i>	100
88° Sweep Junction <i>with 2 socket end branch</i> <i>(Available in F/F & M/F)</i>	100x50
88° Corner Sweep Junction <i>(Available in F/F)</i>	100x100
45° Y-Junction <i>(Available in F/F)</i>	80, 100, 150
45° Y-Junction <i>(Available in M/F)</i>	100
45° Y-Junction washer Inspection Opening <i>(Available in M/F)</i>	80, 100
45° Reducing Y-Junction <i>(Available in F/F)</i>	100x50, 100x80, 150x100
45° Reducing Y-Junction <i>(Available in M/F)</i>	100x50, 100x80
45° Double Reducing Y-Junction <i>(Available in F/F)</i>	100x50x50, 100x80x80
Level Invert Taper <i>(Available in F/F)</i>	100x50
Level Invert Taper <i>(Available in M/F)</i>	80x50, 100x50, 100x80, 150x100
Concentric Taper <i>(Available in F/F)</i>	100x80, 150x100
Concentric Taper <i>(Available in F/F)</i>	100x80
Socket	80, 100, 150
Express Speed Receiver <i>(Sleeve Socket)</i>	80, 100, 150
Push-on Cap	80, 100, 150
Reducing Bush	80x50, 100x50, 100x80, 150x100
Pan Collar	100
Weathering Apron	100, 150
WC Pan Collar (Offset)	100x50, 100x100, 100x150, 100x40, 100x65x50, 100x50x50
WC Straight Connector	100x200
WC Bend Connector	100
WC Bend Connector <i>Long Spigot</i>	100x300
Collar Bracket	80, 100, 150, 200
Access Cap & Plug <i>(Available in F/F & M/F)</i>	80, 100, 150
Access Cap Cover <i>Washer only</i>	80, 100, 150
Adaptor (SS213 to SS174)	80, 100, 150
Air Vent	100
Vent Cowl	80, 100, 150
Male Iron Connector	80, 100

MODEL	NOM.SIZE (mm)
Testing Opening <i>(Available in F/F & M/F)</i>	80, 100, 150
U-Trap Body	100
U-Trap Body <i>with 2" vent</i>	100x50
U-Trap Body <i>with Inspection Opening</i>	100x50
Adjustable P-Trap(1)	100
Adjustable P-Trap(2)	100x80
Adjustable S-Trap	100
Adjustable P Trap <i>with 50mm Vent I</i>	100x50
Adjustable P Trap <i>with 50mm Vent II</i>	100x80x50
Adjustable S-Trap <i>with 50mm Vent</i>	100x50
Multi-Function Trap Body (M/F)	80, 100
Multi-Function Trap Body (M/F) <i>with 50mm Vent</i>	100x50
Multi-Function Trap Body (M/F) <i>with Inspection Opening</i>	80, 100
Multi-Function Trap Body (M/F) <i>with Two Side 50mm Vent</i>	100
Multi-Function P Trap -I	80, 100
Multi-Function P Trap <i>with 50mm Vent-I</i>	80x50, 100x50
Multi-Function S Trap	100
Multi-Function S Trap <i>with 50mm Vent</i>	100x50
Multi-Function S Trap <i>with two side 50mm Vent</i>	100
Square Grating <i>with Holes (w/wo Spigot 30mm)</i>	150x150
Square Grating <i>No Holes</i>	150x150
Square Flat Grating <i>w/Edge w/wo Spigot 30mm</i>	150x150
Square Dome Grating <i>w/Edge w/wo Spigot 30mm</i>	150x150
Square Flat Grating w/Edge (Clip Type) <i>w/wo Spigot (30mm)</i> <i>- For upgrading</i>	150x150
Square Dome Grating w/Edge (Clip Type) <i>w/wo Spigot (30mm)</i> <i>- For upgrading</i>	150x150
Square Screw Flat Grating <i>w/Edge w/wo Spigot (30mm)</i>	150x150
Square Screw Dome Grating <i>w/Edge w/wo Spigot (30mm)</i>	150x150
Gully Grating w/wo Holes	150x150
Round Grating (Black or White Colour)	80, 100, 150, 170, 200



SPECIFICATION /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

DOUBLE LOCKING FITTINGS

Specification: BS5255 / SS213

MODEL	NOM.SIZE (mm)
88° DL Sweep Junction (Available in F/F)	50
88° DL Bend (Available in F/F & M/F)	50
88° DL Bend with Inspection Opening (Available in F/F & M/F)	50

DOUBLE LOCKING FITTINGS

Specification: BS4514 / SS213

MODEL	NOM.SIZE (mm)
88° DL Sweep Junction (Available in F/F & M/F)	100
88° DL Sweep Junction w/ 3" Cleaning Access Rear (Available in F/F & M/F)	100
88° DL Sweep Junction w/ 3" Cleaning Access Right (Available in F/F & M/F)	100
88° DL Sweep Junction w/ 3" Cleaning Access Left (Available in F/F & M/F)	100
88° DL Reducing Sweep Junction (Available in F/F & M/F)	100x50, 150x100
88° DL Reducing Sweep Junction with 2" vent (Available in F/F & M/F)	100x50
88° DL Reducing Double Sweep Junction (Available in F/F & M/F)	100x50x50
88° DL Reducing Double Sweep Junction (Available in F/F & M/F) w/ 2" vent	100x50x50
88° DL Reducing Sweep Junction w/ 3" Cleaning Access Rear (Available in F/F)	150x100
88° DL Reducing Sweep Junction w/ 3" Cleaning Access Right (Available in F/F)	150x100
88° DL Reducing Sweep Junction w/ 3" Cleaning Access Left (Available in F/F)	150x100
45° DL Reducing Y Junction (Available in F/F)	150x100
DL Socket & Connector (Available in F/F 7 M/F))	100
88° DL Bend (Available in F/F)	100, 150
88° DL Bend (Available in M/F)	100
88° DL Bend with 3" Cleaning Access Rear (Available in F/F)	100, 150

DOUBLE LOCKING FITTINGS

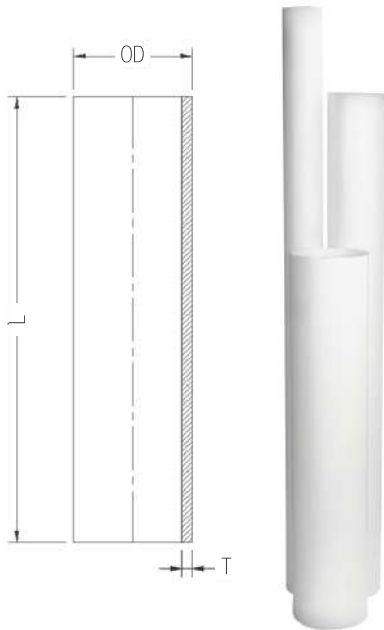
Specification: BS4514 / SS213

MODEL	NOM.SIZE (mm)
88° DL Bend with 3" Cleaning Access Rear (Available in M/F)	100
88° DL Bend with 3" Cleaning Access Right (Available in F/F & M/F)	100
88° DL Bend with 3" Cleaning Access Left (Available in F/F & M/F)	100
45° DL Bend (Available in F/F & M/F)	100
92° DL Bend (Available in F/F)	100
92° DL Bend with 2" Vent (Available in F/F)	100x50
92° DL Bend with 3" Cleaning Access Right (Available in F/F & M/F)	100
92° DL Bend with 3" Cleaning Access Left (Available in F/F & M/F)	100
92° DL Bend w/ 2" Vent with 3" Cleaning Access Right (Available in F/F)	100x50
92° DL Bend w/ 2" Vent with 3" Cleaning Access Left (Available in F/F)	100x50
DL Multi-Function Trap Body (M/F)	100
DL Multi-Function S Trap	100
DL Multi-Function P Trap	100
DL Multi-Function P Trap with 50mm Vent-I	100x50
DL Multi-Function P Trap with 3" Cleaning Access Right	100
DL Multi-Function P Trap with 3" Cleaning Access Left	100
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Right	100x50
DL Multi-Function P Trap w/ 2" Vent with 3" Cleaning Access Left	100x50



SWV PIPES

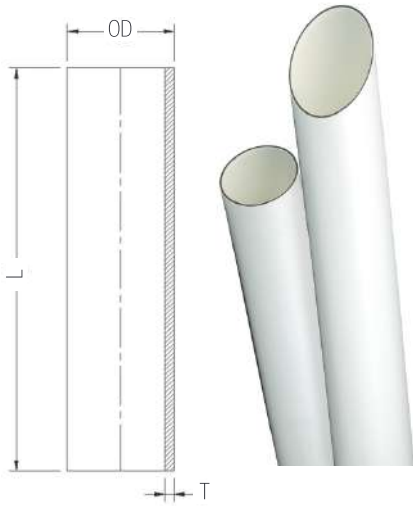
For Solvent weld connection to all fittings.



PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)	THICKNESS (T) (mm)	LENGTH (L) M
WP3258	32	36.35	2.1	5.8
WP4058	40	42.95	2.3	5.8
WP5058	50	55.85	2.4	5.8
WP6558	65	68.90	2.7	5.8
WP8058	80	82.50	3.0	5.8
WP10058	100	110.20	3.2	5.8
WP15058	150	160.25	4.0	5.8

Other length are available on special order.

SNOW ECOPIPES



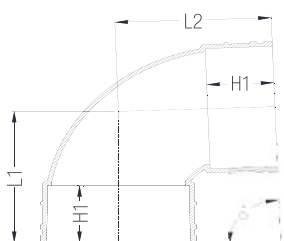
PRODUCT CODE	NOM. SIZE (mm)	MEAN OD (mm)		MIN WALL THICKNESS E (mm)	LENGTH (L) (mm)	PIPE END
		min	max			
SEW P8058	80	82.4	82.8	3.0	5.8	PE
SEW P10058	100	110.0	110.3	3.2	5.8	PE
SEW P15058	150	160.0	160.4	3.2	5.8	PE



SWV FITTINGS /// SOIL, WASTE, VENT & DOUBLE LOCKING SYSTEM

88° BEND (F/F)

Includes 92° Bend



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)		
			H1	L1	L2
B8832	32	88	24	50	53
B8840	40	88	27	62	62
B8850	50	88	32	74	74
B8880	80	88	45	109	112
B88100	100	88	52	120	121
B88150	150	88	77	200	203
B9280	80	92	45	97	97
B92100	100	92	52	128	134
B8040S	40	90	28	52	52

88° BEND (F/F) I/O

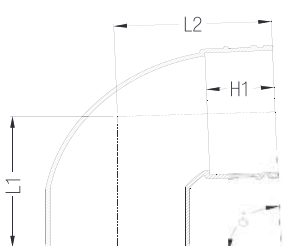
with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)		
			H1	L1	L2
B8832D	32	88	24	50	53
B8840D	40	88	27	62	62
B8850D	50	88	32	74	74
B8880D	80	88	45	109	112
B88100D	100	88	52	120	121
B88150D	150	88	77	200	203

88° BEND (M/F)

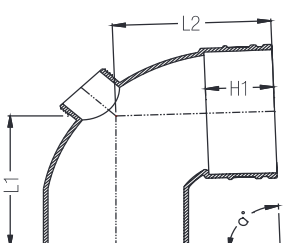
Includes 92° Bend



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)		
			H1	L1	L2
B8832MF	32	88	24	50	53
B8840MF	50	88	27	62	62
B8850MF	80	88	32	74	74
B8880MF	100	88	45	105	112
B88100MF	150	88	52	118	121
B88150MF	100	88	77	199	203

88° BEND (M/F) I/O

with Inspection Opening

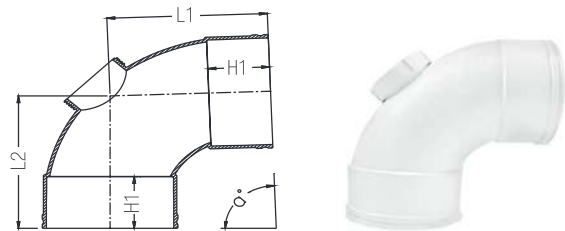


PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)		
			H1	L1	L2
B8840MFD	50	88	27	62	62
B8850MFD	80	88	32	74	74
B8880MFD	100	88	45	105	112
B88100MFD	150	88	52	118	121
B88150MFD	100	88	77	199	203



88° BEND (F/F) & (M/F)

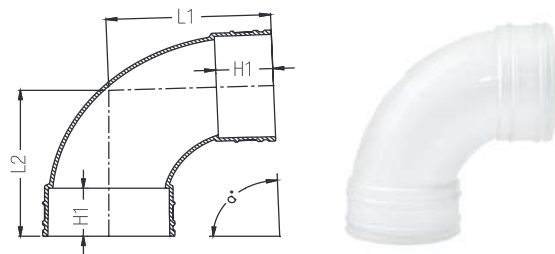
with Big Access



PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B881503A	150	88	78	203	200
B881503AMF	150	88	78	203	200

88° BEND (F/F) & (M/F)

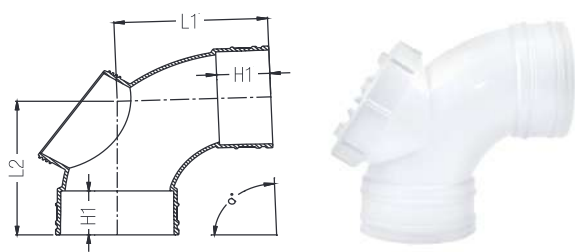
Long



PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B88100L	100	88	52	150	158

88° BEND (F/F) & (M/F)

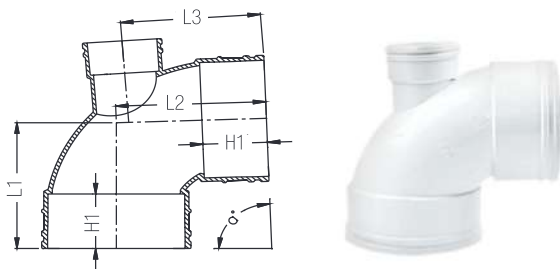
Long with Big Access



PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B88100L4A	100	88	52	150	158
B88100L4AMF	100	88	52	150	158

88° or 92° BEND (F/F) & (M/F)

Includes 2" Vent

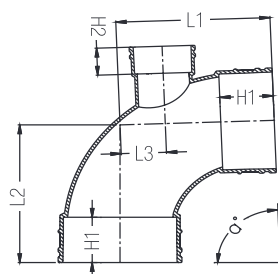


PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)			
			H1	L1	L2	L3
B8810050	100x50	88	52	120	121	112
B8810050MF	100x50	88	52	118	121	112
B928050	80x50	92	45	97	97	87
B9210050	100x50	92	52	128	134	110



88° BEND (M/F)

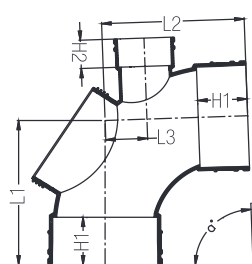
Long



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
B8810050LMF	100x50	88	52	31	150	158	44

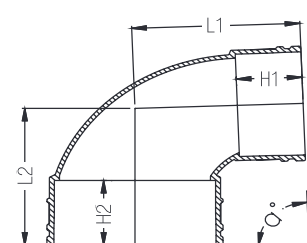
88° BEND (F/F)

Long with 2" Vent and Big Access



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
B8810050L4A	100x50	88	52	31	158	150	44

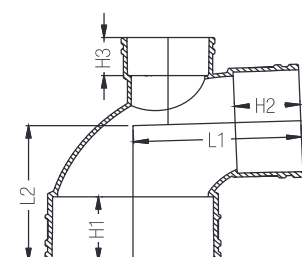
88° REDUCING BEND (F/F) & (M/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)			
			H1	H2	L1	L2
B8810080	100x80	88	52	45	115	110
B8810080MF	100x80	88	52	45	115	110

88° REDUCING BEND (F/F)

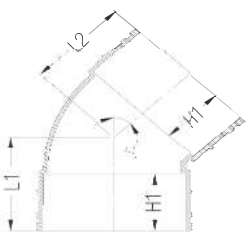
with 2" Vent



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	H3	L1	L2
B881008050	100x80	88	52	45	31	115	110

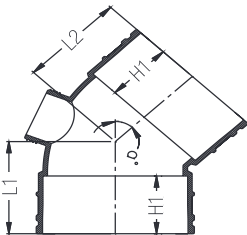


45° BEND (F/F)



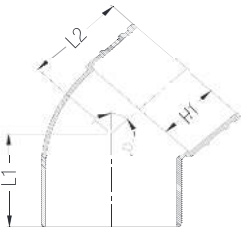
PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B4532	32	45	23	35	35
B4540	40	45	27	38	42
B4550	50	45	31	44	44
B4580	80	45	45	78	82
B45100	100	45	52	83	83
B45150	150	45	77	130	131

45° BEND (F/F) I/O
with Inspection Opening



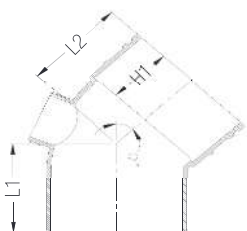
PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B4540D	40	45	27	38	42
B4550D	50	45	31	44	44
B4580D	80	45	45	78	82
B45100D	100	45	52	83	83
B45150D	150	45	77	130	131

45° BEND (M/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B4540MF	40	45	27	38	42
B4550MF	50	45	31	47	44
B4580MF	80	45	45	78	82
B45100MF	100	45	52	109	83
B45150MF	150	45	77	130	131

45° BEND (M/F) I/O
with Inspection Opening

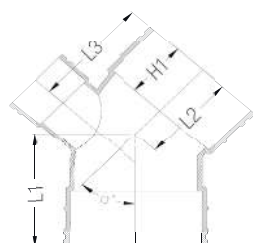


PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
B4540MFD	40	45	27	38	42
B4550MFD	50	45	31	47	44
B4580MFD	80	45	45	78	82
B45100MFD	100	45	52	109	83
B45150MFD	150	45	77	130	131



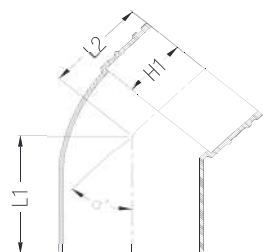
43° BEND (F/F)

with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	H1	DIMENSIONS (mm)		
				L1	L2	L3
B4310050	100x50	43	52	106	82	102

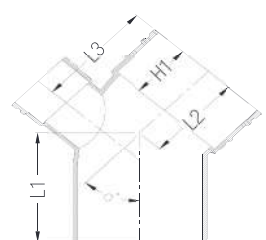
43° BEND (M/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	H1	DIMENSIONS (mm)	
				L1	L2
B43100MF	100	43	52	106	82

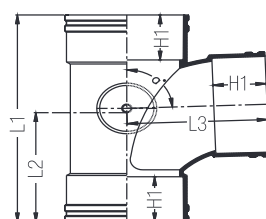
43° BEND (M/F)

with 2" Vent



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	H1	DIMENSIONS (mm)		
				L1	L2	L3
B4310050MF	100x50	43	52	106	82	102

88° SWEEP JUNCTION (F/F)

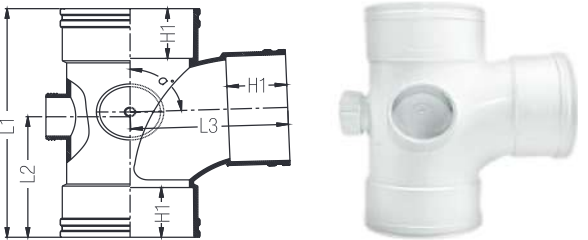


PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	H1	DIMENSIONS (mm)		
				L1	L2	L3
J32	32	88	24	110	66	52
J40	40	88	27	111	62	58
J50	50	88	31	129	69	69
J80	80	88	45	205	115	115
J100	100	88	52	239	131	137
J150	150	88	77	380	223	210



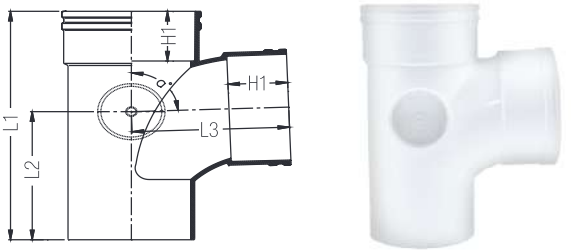
88° SWEEP JUNCTION (F/F) I/O

with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	DIMENSIONS (mm)			
			H1	L1	L2	L3
J32D	32	88	24	110	66	52
J40D	40	88	27	111	62	58
J50D	50	88	31	129	69	69
J80D	80	88	45	205	115	115
J100D	100	88	52	239	131	137
J150D	150	88	77	380	223	210

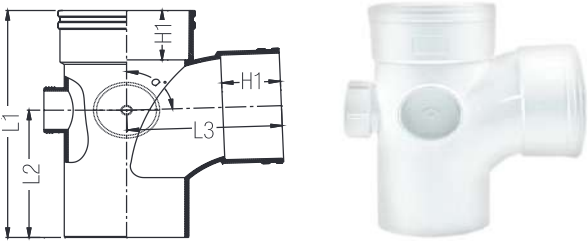
88° SWEEP JUNCTION (M/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	DIMENSIONS (mm)			
			H1	L1	L2	L3
J50MF	50	88	31	129	69	69
J80MF	80	88	45	205	115	115
J100MF	100	88	52	239	131	137
J150MF	150	88	77	370	223	210

88° SWEEP JUNCTION (M/F) I/O

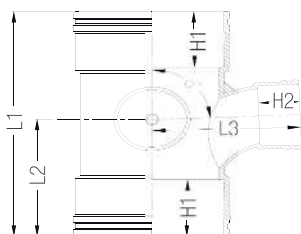
with Inspection Opening



PRODUCT CODE	NOM. SIZE (mm)	ANGLE Θ	DIMENSIONS (mm)			
			H1	L1	L2	L3
J50MFD	50	88	31	129	69	69
J80MFD	80	88	45	205	115	115
J100MFD	100	88	52	239	131	137
J150MFD	150	88	77	370	223	210



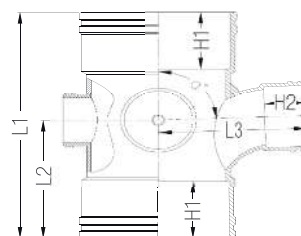
88° REDUCING SWEEP JUNCTION (F/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J5032	50x32	88	31	24	123	67	64
J5040	50x40	88	31	27.5	123	66	68
J8050	80x50	88	45	31	191	97	98
J10050	100x50	88	52	32	207	108	115
J10080	100x80	88	52	45	220	122	131
J150100	150x100	88	77	52	318	173	166
J8050P*	80x50	88	45	31	191	97	98

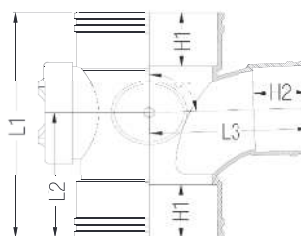
* 80mm connected to SS141 pipes
50mm connected to SS213 pipes

88° REDUCING SWEEP JUNCTION (F/F) I/O *with Inspection Opening*



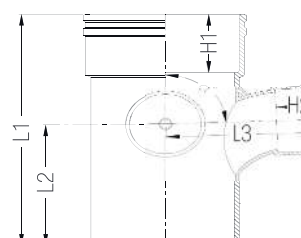
PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J5040D	50x40	88	31	27.5	123	66	68
J8050D	80x50	88	45	31	191	97	98
J10050D	100x50	88	52	32	207	108	115
J10080D	100x80	88	52	45	220	122	131
J150100D	150x100	88	77	52	318	173	166

88° REDUCING SWEEP JUNCTION (F/F) *with Big Access*



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J1501004A	150x100	88	77	52	318	173	166

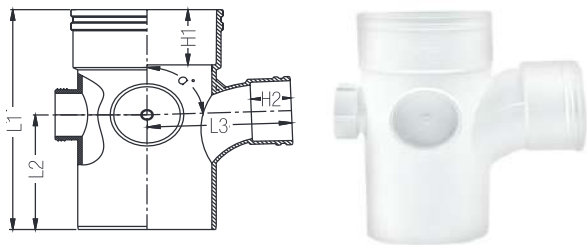
88° REDUCING SWEEP JUNCTION (M/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE °	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J8050MF	80x50	88	45	31	191	97	98
J10050MF	100x50	88	52	32	207	108	115
J10080MF	100x80	88	52	45	220	122	131
J150100MF	150x100	88	77	52	318	173	166

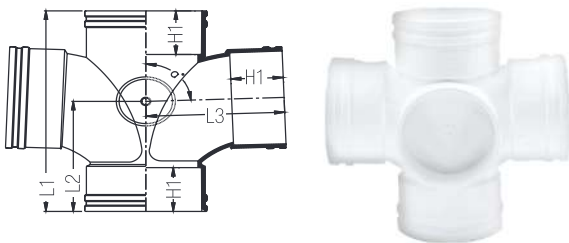


88° REDUCING
SWEEP JUNCTION (M/F) I/O
with Inspection Opening



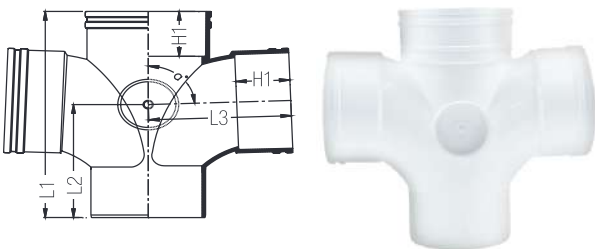
PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)				
			H1	H2	L1	L2	L3
J8050MFD	80x50	88	45	31	191	97	98
J10050MFD	100x50	88	52	32	207	108	115
J10080MFD	100x80	88	52	45	220	122	131
J150100MFD	150x100	88	77	52	318	173	166

88° DOUBLE SWEEP
JUNCTION (F/F)



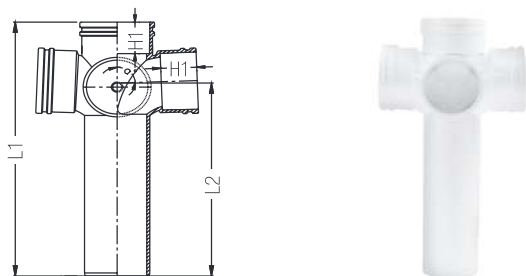
PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)			
			H1	L1	L2	L3
JJ5050	50x50	88	31	129	69	69
JJ8080	80x80	88	46	205	115	114
JJ100100	100x100	88	52	239	134	137

88° DOUBLE SWEEP
JUNCTION (M/F)



PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)			
			H1	L1	L2	L3
JJ8080MF	80x80	88	46	205	115	114
JJ100100MF	100x100	88	52	239	134	137

88° DOUBLE SWEEP
JUNCTION (M/F)
Long



PRODUCT CODE	NOM. SIZE (mm)	ANGLE $\ominus$	DIMENSIONS (mm)		
			H1	L1	L2
JJ5050LMF	50x50	88	31	250	190