



INFRASTRUCTURE PIPING SYSTEM

a **LESSO** company

★★★
LEAD-FREE
PIPE SYSTEMS

SUITABLE FOR BUILDINGS,
HOUSES AND CIVIL
CONSTRUCTION PURPOSE.





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About Us

About SNOW

Over the years, SNOW has gain recognition to be an approved brand for HDB Building projects. SNOW provides products for both residential and commercial building markets, in new build and renovation segments, as well as a wide range of solutions for public utility applications.

In 2020, SNOW became part of the China Lesso Group (Stock Name: China Lesso, Stock Code: 02128.HK), a large industrial group of home furnishings and building materials in China. China Lesso offers products, services and channels involving piping, building materials and home furnishings, environmental protection, and modern agriculture.

With the rapid development of internationalization and globalization, China Lesso boasts more than 80 holding subsidiaries and more than 23 production bases distributed in 17 provinces across China, and in Canada and Indonesia. China Lesso remains committed to improving its strategic layout, broadening its sales network and expanding the market. This is how it provides products and services for customers in a timely and efficient way.

When you choose SNOW, you can be confident that all your piping materials are designed, built and backed by one company, one supplier to stand behind you and your complete system.





QUALITY & CERTIFICATION



SYSTEM CERTIFICATION

FITTINGS

1. Class VP (AW) Un-Plasticised Polyvinyl Chloride (uPVC) fittings are commonly used for factory or industrial application in combination with pumps & mechanical plants. These pipes are manufactured in grey colour.
2. Class VU (AE) Un-Plasticised Polyvinyl Chloride (uPVC) fittings are commonly used as cable ducting flush pipes, water discharge outlet for air conditioning & fume exhaust systems. These pipes are manufactured in grey colour.
3. Telecom fittings, these fittings are manufactured in compliance with SS272:2012. These fittings are manufactured in grey colour.
4. PUB fittings are manufactured in compliance with SS174:2014(Class B). These fittings are used for underground cables for electrical cable protection. These fittings are manufactured in grey colour.

PIPES

1. Class VP (AW) Un-Plasticised Polyvinyl Chloride (uPVC) pipes are commonly used for factory or industrial application in combination with pumps & mechanical plants.
2. Class VU (AE) Un-Plasticised Polyvinyl Chloride (uPVC) pipes are commonly used as cable ducting flush pipes, water discharge outlet for air conditioning & fume exhaust systems.
3. Telecom pipes, these pipes are manufactured in compliance with SS272:2012. These pipes are used as underground conduits for Telecommunications cables. These pipes are manufactured in grey colour.
4. PUB pipes are manufactured in compliance with SS141:2013(Class B). These pipes are used for underground cables for electrical cable protection. These pipes are manufactured in grey colour.



PRODUCT RANGE

JIS PIPING SYSTEM

FEATURES

- High Performance JIS Piping System
- Meets temperature, pressure and size requirements for above and under-ground applications.
- High quality finishing with smooth internal and external surfaces.
- Complies to Japan Industrial Standard JIS K-6741 Pipes, JIS K-6743 Fittings.
- Backed by Lesso group, global leader in plastic fluid handling systems.
- Pipes and fittings manufactured in grey colour.



ADVANTAGES

- Wide range of Pipes & Fittings (13mm - 315mm)
- Proven track record of more than 35 years of delivering quality products.
- JIS Pipes and Fittings are specially designed for pressure and non-pressure applications and general apply.
- JIS Pipes and Fittings are produced under ISO9001:2015
- Lead Free formulations improves environmental friendliness.
- Improve flow due to interior wall smoothness.
- Excellent resistance to various chemicals.



APPLICATION



- VU/AE pipes & fittings: Generally convey lower pressured fluids and are commonly used as cable ducting flush pipes, water discharged outlet for air condensate conditioning and fume exhaust systems. Maximum working pressure up to 68bar.
- VP/AW pipes & fittings: Generally convey pressured fluids and are commonly used for industrial applications in combination with pumps systems. Maximum working pressure up to 10Bar.





(AW) PIPES

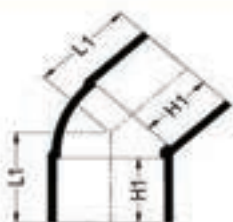
PRODUCT CODE	NOM. SIZE	MEAN OD	THICKNESS (min) (T)	LENGTH (L)
	MM(in)	MM	MM	MM
AWP1358	13(1/8")	18	2.2	5.8
AWP1658	16(1/2")	22	2.7	5.8
AWP2058	20(3/4")	26	2.7	5.8
AWP2558	25(1")	32	3.1	5.8
AWP3058	30(1-1/4")	38	3.1	5.8
AWP4058	40(1-1/2")	48	3.6	5.8
AWP5058	50(2")	60	4.1	5.8
AWP6558	65(2-1/2")	76	4.1	5.8
AWP7558	75(3")	89	5.5	5.8
AWP10058	100(4")	114	6.6	5.8
AWP15058	150(6")	166	8.9	5.8
AWP20058	200(8")	217	10.3	5.8
AWP25058	250(10")	268	12.5	5.8
AWP30058	300(12")	319	15.1	5.8

(AW) PIPES

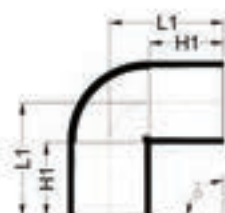
with One End Socket



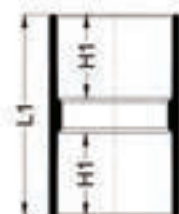
PRODUCT CODE	NOM. SIZE	MEAN OD	THICKNESS (min) (T)	LENGTH (L)
	MM(in)	MM	MM	MM
AWP20058S	200(8")	217	10.3	5.8
AWP25058S	250(10")	268	12.5	5.8
AWP30058S	300(12")	319	15.1	5.8

(AW) 45° ELBOW

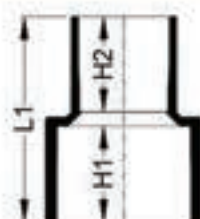
PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)	
	MM(in)	°	L1	H1
AWE4513	13(3/8")	45	/	/
AWE4516	16(1/2")	45	38	30
AWE4520	20(3/4")	45	44	35
AWE4525	25(1")	45	51	40
AWE4532	32(1-1/4")	45	56	44
AWE4540	40(1-1/2")	45	69	55
AWE4550	50(2")	45	80	63
AWE4575	75(3")	45	97	72
AWE45100	100(4")	45	122	92
AWE45150	150(6")	45	184	140
AWE45200	200(8")	45	193	145

(AW) 90° ELBOW

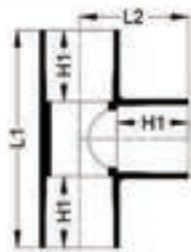
PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)	
	MM(in)		L1	H1
AWE9013	13(1/8")	90	36	26
AWE9016	16(1/2")	90	43	30
AWE9020	20(3/4")	90	50	35
AWE9025	25(1")	90	58	40
AWE9032	32(1-1/4")	90	68	44
AWE9040	40(1-1/2")	90	82	55
AWE9050	50(2")	90	96	63
AWE9075	75(3")	90	120	72
AWE90100	100(4")	90	153	92
AWE90150	150(6")	90	230	140
AWE90200	200(8")	90	341	145
AWE90250	250(10")	90	326	185

(AW) SOCKET

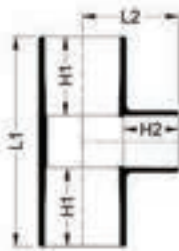
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)	
	MM(in)	H1	L1
AWS13	13(1/8")	26	57
AWS16	16(1/2")	30	67
AWS20	20(3/4")	35	77
AWS25	25(1")	40	87
AWS32	32(1-1/4")	44	95
AWS40	40(1-1/2")	56	117
AWS50	50(2")	63	133
AWS75	75(3")	64	155
AWS100	100(4")	92	200
AWS150	150(6")	140	300
AWS200	200(8")	145	305
AWS250	250(10")	185	400

(AW) REDUCING SOCKET

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)		
	MM(in)	H1	H2	L1
AWS2016	20X16(3/4"X1/2")	35	30	71
AWS2516	25X16(1"X1/2")	40	30	85
AWS2520	25X20(1"X3/4")	40	35	84
AWS5025	50X25(2"X1")	63	40	140
AWS5040	50X40(2"X1-1/2")	63	44	136
AWS7550	75X50(3"X2")	64	63	165
AWS10050	100X50(4"X2")	84	63	190
AWS150100	150X100(6"X4")	132	84	295

(AW) TEE

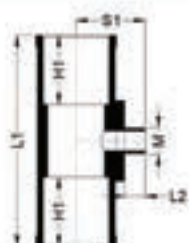
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)		
	MM(in)	H1	L1	L2
AWT13	13(3/8")	26	72	36
AWT16	16(1/2")	30	86	43
AWT20	20(3/4")	35	100	50
AWT25	25(1")	40	116	58
AWT40	40(1-1/2")	55	164	82
AWT50	50(2")	63	192	96
AWT75	75(3")	84	240	120
AWT100	100(4")	84	304	152
AWT150	150(6")	132	460	228
AWT200	200(8")	145	532	287
AWT250	250(10")	185	650	325

(AW) REDUCING TEE

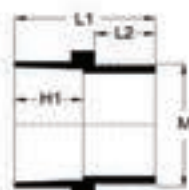
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			
	MM(in)	H1	H2	L1	L2
AWT2016	20X16(3/4"X1/2")	35	30	96	45
AWT2516	25X16(1"X1/2")	40	30	106	48
AWT4015	40X15(1-1/2"X1/2")	55	30	136	57
AWT4025	40X25(1-1/2"X1")	55	40	146	67
AWT4030	40X30(1-1/2"X1-1/4")	55	44	152	71
AWT5016	50X16(2"X1/2")	63	30	152	63
AWT5020	50X20(2"X3/4")	63	35	156	68
AWT5025	50X25(2"X1")	63	40	162	73
AWT5030	50X30(2"X1-1/4")	63	44	168	77
AWT5032	50X32(2"X1-1/4")	63	44	168	77
AWT5040	50X40(2"X1-1/2")	63	55	180	88
AWT7550	75X50(3"X2")	84	63	210	110
AWT10050	100X50(4"X2")	84	63	250	122
AWT10075	100X75(4"X3")	84	61	280	132
AWT15075	150X75(6"X3")	132	61	390	158
AWT150100	150X100(6"X4")	132	64	416	182

(AW) FLANGE SOCKET

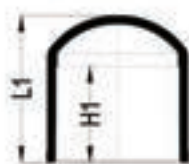
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			Ø(mm) X No. of Holes
	MM(in)	H1	L1	S1	
AWFL550	50(2")	63	71	120	19X4
AWFL565	65(2-1/2")	61	76	140	19X4
AWFL575	75(3")	64	90	150	19X8
AWFL100	100(4")	84	120	175	19X8
AWFL150	150(6")	132	142	240	23X8
AWFL200	200(8")	145	156	290	23X8

(AW) REDUCING VALVE TEE

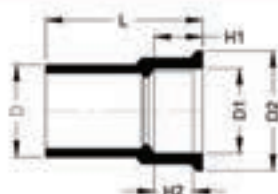
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)				
	MM(in)	H1	L1	L2	S1	M(BSP)
AWT50	50(2")	63	192	29.15	80	2"
AWVT5040	50X40(2"X1-1/2")	50	192	63	55	1-1/2"

(AW) VALVE SOCKET

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			
	MM(in)	H1	L1	L2	M(BSP)
AWVS16	16(1/2")	30	54	15	1/2"
AWVS25	25(1")	40	56	15	1"
AWVS40	40(1-1/2")	55	92	22	1-1/2"
AWVS50	50(2")	63	106	26	2"
AWVS75	75(3")	64	127	33	3"
AWVS100	100(4")	84	157	40	4"

(AW) END CAP

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)	
	MM(in)	H1	L1
AWEC16	16(1/2")	30	34.5
AWEC20	20(3/4")	35	39.5
AWEC25	25(1")	40	44
AWEC40	40(1-1/2")	55	59.5
AWEC50	50(2")	63	68
AWEC65	65(2-1/2")	69	100
AWEC75	75(3")	72	107
AWEC100	100(4")	92	138

(AW) FAUCET SOCKET

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)					
	MM(in)	H1	H2	L	D	D1	D2
AWFS16	16(1/2")	17	14	52	29	30	34
AWFS20	20(3/4")	19	16	59	33	37	42
AWFS25	25(1")	21	18	68	40	46	52

(AE) PIPES

PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (min) (T) MM	LENGTH (L) MM
AEP4058	40(1-1/2")	48	1.8	5.8
AEP5058	50(2")	60	1.8	5.8
AEP6558	65(2-1/2")	76	2.2	5.8
AEP7558	75(3")	89	2.7	5.8
AEP10058	100(4")	114	3.1	5.8
AEP15058	150(6")	166	5.1	5.8
AEP20058	200(8")	217	6.5	5.8
AEP25058	250(10")	268	7.8	5.8
AEP30058	300(12")	319	9.2	5.8

(AE) PIPES

with One End Socket



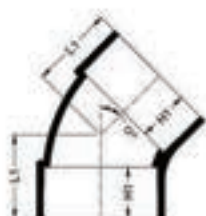
PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (min) (T) MM	LENGTH (L) MM
AEP20058S	200(8")	217	6.5	5.8
AEP25058S	250(10")	268	7.8	5.8
AEP30058S	300(12")	319	9.2	5.8
AEP35058S	350(14")	370	10.5	5.8
AEP40058S	400(16")	418	11.8	5.8

(AEO) PIPES

with or without One End Socket



PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (min) (T) MM	LENGTH (L) MM
AEO1658	16(1/2")	22	1.6	5.8
AEO2058	20(3/4")	26	1.6	5.8
AEO2558	25(1")	32	1.6	5.8
AEO3058	30(1-1/4")	38	1.8	5.8
AEO20058S	200(8")	217	5.0	5.8
AEO25058S	250(10")	268	6.0	5.8
AEO30058S	300(14")	319	6.1	5.8

(AE) 45° ELBOW

PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)	
	MM(in)		H1	L1
AEE4540	40(1-1/2")	45	22	34
AEE4550	50(2")	45	25	43
AEE4575	75(3")	45	40	65
AEE45100	100(4")	45	50	80
AEE45150	150(6")	45	80	124
AEE45150B	150(6")	45	80	124
AEE45200	200(8")	45	110	166
AEE45250	250(10")	45	130	198
AEE45300	300(12")	45	150	228

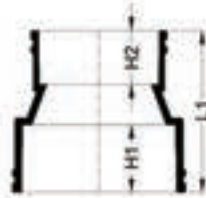
(AE) 90° ELBOW

PRODUCT CODE	NOM. SIZE	ANGLE	DIMENSIONS (mm)	
	MM(in)		H1	L1
AEE9040	40(1-1/2")	90	22	48
AEE9050	50(2")	90	25	58
AEE9075	75(3")	90	40	88
AEE90100	100(4")	90	50	112
AEE90150	150(6")	90	80	168
AEE90150B	150(6")	90	80	168
AEE90200	200(8")	90	110	225
AEE90250	250(10")	90	130	271
AEE90300	300(12")	90	150	318

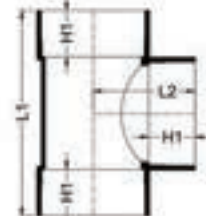
(AE) SOCKET

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)	
	MM(in)	H1	L1
AES40	40(1-1/2")	22	47
AES50	50(2")	25	53
AES75	75(3")	40	84
AES75W	75(3")	40	84
AES100	100(4")	50	105
AES100W	100(4")	50	105
AES150	150(6")	80	165
AES200	200(8")	110	225
AES300	300(12")	150	307

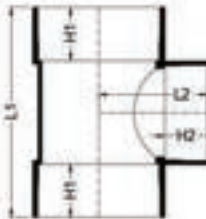
* W - WHITE

(AE) REDUCING SOCKET

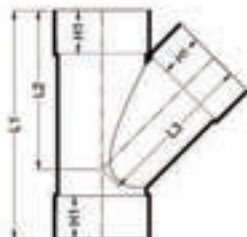
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)		
		H1	H2	L1
AES10050	100X50(4"X2")	50	25	105
AES10075	100X75(4"X3")	50	40	120
AES150100	150X100(6"X4")	80	50	170
AES200100	200X100(8"X4")	110	50	200
AES200150	200X150(8"X6")	110	80	250

(AE) TEE

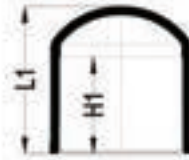
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)		
		H1	L1	L2
AET50	50(2")	25	118	59
AET75	75(3")	40	177	88
AET100	100(4")	50	225	112
AET150	150(6")	81	339	169
AET200	200(8")	110	451	225
AET250	250(10")	130	540	270
AET300	300(12")	150	632	316

(AE) REDUCING TEE

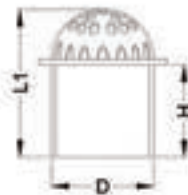
PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			
		H1	H2	L1	L2
AET10050	100X50(4"X2")	50	25	169	87
AET10075	100X75(4"X3")	50	40	197	102
AET15075	150X75(6"X3")	81	40	264	128
AET150100	150X100(6"X4")	81	50	285	143
AET200100	200X100(8"X4")	100	50	330	165

(AE) Y - TEE

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			
		H1	L1	L2	L3
AEY150	150(6")	80	410	285	285

(AE) END CAP

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)	
	MM(in)	H1	L1
AEEC75	75(3")	70.4	85
AEEC100	100(4")	75	100

(AE) DOME GRATING

PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)		
	MM(in)	H1	L1	D
AED40G	40(1-1/2")	56	96	42.8
AED50G	50(2")	55	94	50
AED75G	75(3")	65	104	72
AED100G	100(4")	75	120	100
AED150G	150(6")	75	139	140
AEG50DW	50(2")	55	94	50
AEG75DW	75(3")	65	104	72
AEG100DW	100(4")	75	120	100
AEG150DW	150(6")	75	139	140

* G - GREY
* W - WHITE





PRODUCT RANGE

TELECOM PIPING SYSTEM

FEATURES

- Telecoms Series SNOW (PVC) pipes and fittings for underground buried telecommunication cables manufactured to SS272:2012 in compliance to IMDA.
- Backed by Lesso group, global leader in plastic fluid handling system.
- Pipes and fittings manufactured in grey colour.



ADVANTAGES

- Proven track record of more than 35 years of delivering quality products.
- Smooth bore ensuring easier cable pulling and safer installation.
- Strong, flexible yet impact resistant lightweight.
- SNOW Telecom conduit pipes & fittings have much lower thermal conductivity than metals. This prevents "sweating" formation of condensation on the pipe walls.
- SNOW Telecom pipes & fittings is non-corrosive & non-sparking.
- SNOW Telecom pipes & fittings is non-magnetic, thus prevent stray voltage or interference.



APPLICATION



- These pipes are used as underground cable conduits for telecommunications cable.
 - Airport construction
 - Tunnel construction
 - Road construction Traffic route diversion

TELECOM uPVC PIPES

with One End Socket



PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (mm) (T) MM	LENGTH (L) MM
TCP1006S	110(4")	110.2	3.2	6.0

TELECOM SOCKET



PRODUCT CODE	NOM. SIZE MM(in)	DIMENSIONS (mm)	
		H1	L1
TCS100	110(4")	87.5	180

TELECOM LONG BEND



PRODUCT CODE	NOM. SIZE MM(in)	α°	DIMENSIONS (mm)		
			L1	L2	R
TL890110	110(4")	90	270	186	300
TL845110	110(4")	45	270	186	300
TL822110	110(4")	22	300	200	2500

PUSH ON CAP



PRODUCT CODE	NOM. SIZE MM(in)	DIMENSIONS (mm)	
		H1	L1
POC100G	110(4")	117.5	56

4" PIPE SPACER



PRODUCT CODE	NOM. SIZE MM(in)	DIMENSIONS (mm)				
		H	L1	L2	R	D
AC110*4	110(4")	174	270	135	55	50
AC110*6	110(4")	174	406	135	55	50
AC110*8	110(4")	174	541	135	55	50

CABLE COVER PLATE



PRODUCT CODE	NOM. SIZE MM	DIMENSIONS (mm)		THICKNESS t
		L1(M)	L2	
CP120YLT	120	1.0	120	2.0
CP150YHT	150	1.0	150	1.8
CP272YHT	272	1.0	272	2.0
CP172BLTA	172	1.0	172	2.0

* Y - YELLOW
* B - BLACK

SPECIAL FABRICATED PRODUCTS



6" MANDREL PIPE



6" BELLMOUNT
PIPE SOCKET



6" PUDDLE
FLANGE PIPE

PRODUCT RANGE

PUB PIPING
SYSTEM

FEATURES

- PUB Series SNOW uPVC pipes are equivalent to BS3505 and AS/NZS1477.
- Manufactured in compliance with SS 141 (Class B): 2013. These pipes are granted approval for use in the Republic of Singapore by the Public Utilities Board (PUB), Singapore.
- Backed by Lesso group, global leader in plastic fluid handling system.
- Pipes and fittings manufactured in grey colour. Other colours are however, available upon request.



ADVANTAGES

- Proven track record of more than 35 years of delivering quality products.
- Smooth bore ensuring easier and safer installation.
- Strong, flexible and impact resistant yet lightweight.
- SNOW PUB pipes & fittings have lower thermal conductivity than metals. This prevents "sweating" formation of condensation on the pipe walls.
- SNOW PUB pipes & fittings is non-conductive & non-sparking.
- SNOW PUB pipes & fittings is non-magnetic, thus reduces voltage and minimize power loss.



APPLICATION

- These pipes are used as underground conduits for electrical power cable.
 - Airport construction
 - Tunnel construction
 - Road construction
 - Traffic route construction





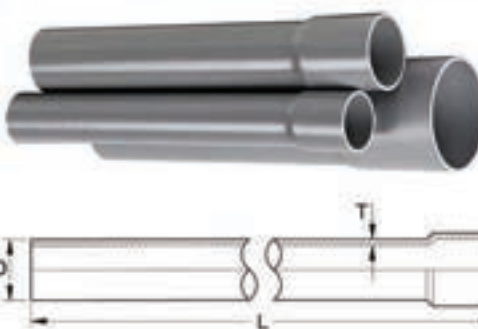
JIS K6741 AE PIPE



PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (min) (T) MM	LENGTH (L) MM
AEP5058	50(2")	60	1.8	5.8
AEP7558	75(3")	89	2.7	5.8

SS141 CLASS B PIPES

with One End Socket



PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (min) (T) MM	LENGTH (L) MM
PUB8065	80(3")	88.9	2.9	6.0
PUB10065	100(4")	114.3	3.4	6.0
PUB15065	155(6")	168.3	4.5	6.0
PUB20065	200(8")	219.1	5.3	6.0
PUB25065	250(10")	273	6.6	6.0

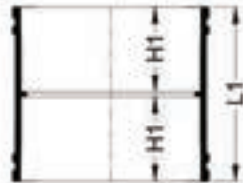
SS141 CLASS C PIPES

with or without One End Socket



PRODUCT CODE	NOM. SIZE MM(in)	MEAN OD MM	THICKNESS (min) (T) MM	LENGTH (L) MM
PPC5060	50(2")	60.2	2.5	6.0
PPC15065	155(6")	168	6.6	6.0
PPC25058	250(10")	272.6	9.7	5.8
PPC25058S	250(10")	272.6	9.7	5.8

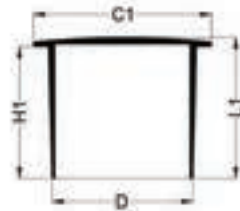
SOCKET



PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)	
	MM(in)	H1	L1
AES50	50(2")	25	53
AES100	100(4")	50	105
AES100W	100(4")	50	105
PS150B	155(6")	79.5	164
PS150BW	155(6")	79.5	164

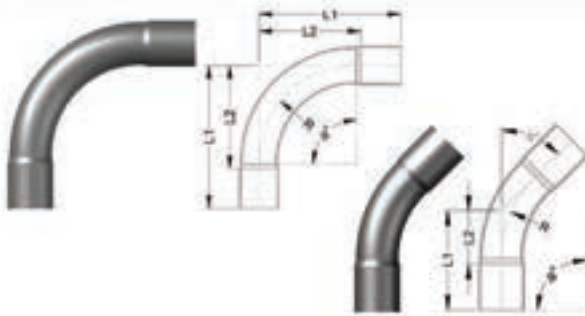
* W - WHITE

PUB END PLUG



PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			
	MM(in)	H1	C1	L1	D
EP150G	155(6")	140.6	190	150.6	150.2

LONG BEND



PRODUCT CODE	NOM. SIZE	ANGLE α°	DIMENSIONS (mm)		
	MM(in)		L1	L2	R
PLB9040	40(1-1/2")	90	131	76	110
PLB9050	50(2")	90	162	99	150
PLB9075	75(3")	90	224	160	250
PLB90100	100(4")	90	270	186	300
PLB90150	155(6")	90	670	132	90
PLB4550	50(2")	45	162	99	150
PLB4575	75(3")	45	224	160	250
PLB45100	100(4")	45	270	186	300
PLB45150	155(6")	45	392	48	123
PLB22150	155(6")	22	350	200	2500

6" PIPE SPACER



PRODUCT CODE	NOM. SIZE	DIMENSIONS (mm)			
	MM(in)	H	L1	L2	R
AC150*2	155(6")	272	218	/	84
AC150*4	155(6")	272	436	218	84

PRODUCT RANGE SOLVENT CEMENT



CODE NO.	DESCRIPTION	GMS	TIN/ CARTON
SC500MLW	Faltex Solvent Cement (Clear)	500	20
SC500MLB	Faltex Solvent Cement (Blue)	500	20

FEATURES

- **Trouble-free product** for all plastic pipe installation.
- **Moderate solvent odour** which creates a safe working environment for all.
- **Unique design** to prevent leakage or solvent loss during shelf life.
- **Complies with MS628 & BS4346 standards** for solvent cement used for plastic installation.
- **Deliver dependable performance** and reduce loss time due to leakage caused by poor solvent cements.

FALTEX SOLVENT CEMENT (CLEAR)

Solid Content: 16-18%

Consistency Property: 1,000 cps

Quality: Tough & Resilient

Colour: Clear

Standard: MS628 Part II Section 2.2:1999

- Highly soluble PVC-U Solvent Cement.
- Suitable for joining all PVC-U pipes from 15mm - 450mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fittings gap will be strong and stable.

ADVANTAGES

- **High quality performance** with excellent installation properties.
- **Available in Clear/Blue** for easier inspection and professional finishes.
- **Tested by Singapore Testing Lab Pte Ltd (STL)** and approve all HDB projects application.
- **Expert R&D** to develop the most technically advanced and innovative product to meet our customers' needs.

FALTEX SOLVENT CEMENT (BLUE)

Solid Content: 16-18%

Consistency Property: 1,000 cps

Quality: Tough & Resilient

Colour: Blue

Standard: MS628 Part II Section 2.2:1999

- Approved for HDB usage.
- Suitable for joining all PVC-U pipes from 15mm - 450mm diameter.
- When applied, it will instantly dissolve and blend with the pipe to produce a film (wall) of 0.4mm thick, so that the fittings gap will be strong and stable.

SOLVENT CEMENT REQUIREMENT FOR PVC-U PIPES & FITTINGS

NOMINAL SIZE OF PIPES OR FITTING (mm)	AMOUNT OF SOLVENT CEMENT REQUIRED PER JOINT (g)	NO. OF POSSIBLE JOINTS	
		100 g	500 g
15	1.3	76	383
20	2.0	55	250
25	2.5	40	200
32	3.2	30	156
40	5.0	20	100
50	7.2	13	69
80	12.0	8	41
100	15.5	6	32
155	26.0	2	19
200	49.0	1	10

PHYSICAL AND MECHANICAL PROPERTIES

Flammable Mixture (UN No. 1133)

This solvent cement material will ignite at ambient temperatures. Colourless vapours may travel considerable distance to ignition sources and cause flash or explosions.

Hazard Identification

May cause eyes and skin irritation, burns or dermatitis.

Storage

Store in well-ventilated area. Keep away from heat, sparks and flame.

Safety Advice

- Keep out of reach of children.
- Keep away from sources of ignition.
- No Smoking.
- Avoid contact with eyes.
- In case of fire, use chemical powder, foam or carbon dioxide.

ATTENTION:

1. Temperature below 15°C (50°F) will extend the straining period for approximately 5 minutes for each type of pipes.
2. All the above solvent cement is not applicable to those PVC-U pipe or fitting which are made of partly recycled material.
3. After assembly, the pipe must be tightly held in place and shall only be released after reasonable straining time as stipulated. If release prematurely, the pipe to be fitted will spring apart.

PACKING

500 g (with brush) X 20 Tins per ctn.

CTN. SIZE

513mm X 238mm X 210mm

ASSEMBLY PIPES WITH SOLVENT CEMENT JOINTS

-1- CUT & DEBURR

Where necessary, cut pipe to length at right angle to its axis to maximize surface for bonding. Use of a mitre box and fine tooth saw is recommended.



Cut surface need to be deburred and chamfered to a slight bevel to simplify centred insertion and uniform adhesive distribution between parts.

-2- DEGREASE THE SPIGOT AND SOCKET

Mark the insertion depth to the pipe spigot to avoid excessive application and provides control as to whether pipe has been adequately inserted into the fitting.



Clean parts to be fused with priming fluid to ensure that dirt and possible slip and release agents are removed for optimal results. Scrape off any discoloured pipe layer due to UV-radiation or proper bonding cannot be achieved.

-3- APPLY THE SOLVENT CEMENT

Apply adhesive evenly to both sides to be mated using a brushing stroke parallel to or along the pipe axis. Joint must be made within 1 minute of starting application.



can or tin well before using to ensure homogeneity.

-4- MAKE THE JOINT

Insert pipe straight into the fitting as deeply into the fitting socket as possible without twisting and hold in place firmly and steadily for at least ten seconds.



-5- CLEAN THE EXCESS SOLVENT CEMENT

Remove excess solvent cement with a soft cloth. A small closed adhesive ring should be clearly visible at the end of the fitting to signal that the sufficient adhesive has been applied.



Wait 24 hours before testing or use

SOLVENT WELDING PROCEDURES




Name of Operation	Description of Operation	Notes
1. Cutting pipe	<p>Winding the tape around the pipe at right angle to the central axis of the pipe, and draw a cutting line along the tape with the felt-tipped pen.</p>  <p>Cut the pipe along the cutting line.</p>	It is necessary for cutting the pipe at right angle to the central axis of the pipe and also without irregularity.
2. Chamfering (Beveling)	<p>Chamfer the edge of outer surface (at the end of the pipe to be inserted) appropriately in a small (R).</p> 	Be sure to keep chips out both inside and outside the pipe.
3. Confirming Insertion Length (a)	<p>Insert the pipe lightly into the socket of the fitting and mark a zero point (L₀: from the end of pipe).</p> <p>Confirm that the L₀ is within a range of 1/3 - 2/3 of total socket-length (socket-depth) (L_s).</p>	For the size of 40A and below: go next step.
4. Confirming Insertion Length (b).	<p>Measure the socket-length and draw the guide line (L) on the pipe with the felt-tipped pen.</p> 	<p>For the size of 13A to 40A, L is the same as L_s. L = L_s</p> <p>For the size of 50A and above, please add following figures (U) on the L₀. L = L₀ + U Length to be added on L₀.</p>

Socket-length of TS fittings

Unit: mm

Size	13	16	20	25	30	40
L _s	26	30	35	40	44	55
Size	50	65	75	100	125	150
L _s	63	61	64	84	104	132
Size	50	65	75	100	125	150
U	20	20	25	30	35	45

SOLVENT WELDING PROCEDURES

Name of Operation	Description of Operation	Notes
<p>5. Cleaning</p>	<p>In case any foreign materials are stuck on both internal and external surface of the pipe, remove them with acetone-impregnated gauze.</p>  <p>Clean the cementing surfaces. (The external surface of the pipe and internal surface of the socket of the fittings). Wipe off dust, foreign materials etc. with acetone-impregnated gauze).</p>	<p>Be sure not to cause any secondary contamination.</p> <p>Clean surfaces thoroughly and remove any water, foreign materials etc. if on the surfaces, where solvent is applied, prior to proceeding to the next step.</p>
<p>6. Applying Solvent Cement (Socket of Fitting)</p>	<p>Applying the solvent cement on the internal surface of the socket of the fitting.</p> 	<p>Apply the solvent cement on the surface a little thin and uniformly so that no excess solvent cement flows onto the portion where media contact.</p>
<p>7. Applying Solvent Cement (Pipe)</p>	<p>Then, applying the solvent cement on external surface of the pipe from the end to the guideline direction.</p> 	<p>Quantity of solvent cement applied on the pipe and on the fittings: Standard ratio = 7 : 3</p> <p>Refer to "Cement" Page for the standard quantity of the solvent cement per each joint and by each No. Size.</p>

SOLVENT WELDING PROCEDURES

Name of Operation	Description of Operation	Notes
8. Insertion / Holding	<p>Immediately after applying the solvent cement, insert the pipe into the socket in a stroke.</p>  <p>After complete insertion, hold the pipe and fitting to prevent from coming out.</p>	<p>Insert watching the guideline as a guide. Don't strike the pipe into the socket with a hammer, or the like.</p> <p>Don't twist but insert the pipe straight. Hold the pipe for 1 minute and more in summer, or for 2 minutes and more in winter, because the taper of socket may cause the pipe coming out from the socket.</p>
9. Wiping Off	<p>Wipe off the excess solvent cement pressed out from the joined portion.</p> 	<p>Use waste cloth.</p>
10. Curing	<p>Cure the piping for 24 hours and more in the summer or 72 hours and more in the winter without loading on the joined</p>	<p>Good ventilation on the welded portion is desirable for complete evaporation of the solvent in the solvent cement (to avoid possible solvent cracking).</p>

UNDERGROUND CABLE CONDUIT & ROAD SCUPPER PIPE



HDB TENGAH PLANTATION C4
Plantation Crescent , Singapore



HDB SKY RESIDENCES
*Margaret Drive / Commonwealth Avenue,
Singapore*



TUAS MEGA PORT
Tuas South , Singapore



SENGKANG GRAND RESIDENCES
Sengkang Central ,Singapore



WOODLEIGH GLEN
Bidadari Park Drive , Singapore

UNDERGROUND CABLE CONDUIT & ROAD SCUPPER PIPE



THOMSON LINE T226

Marina Station Road ,Singapore



JTC AT SENOKO

Senoko ,Singapore



JURONG REGION LINE (JRL) CCK JS1, JS2, JS3 VCONTRACT J102

Various Locations ,Singapore



CHANGI AIRPORT RUNWAY

Changi East ,Singapore



THOMSON-EAST COAST LINE | STATION E7 | CONTRACT T309

Siglap ,Singapore

JIS PIPING SYSTEM



PRINCIPAL GARDEN

91 Prince Charles Cres, Singapore



STURDEE RESIDENCES

10 Beatty Rd, Singapore



WOODLAND POLICE HQ

1 Woodlands Street 12, Singapore



SINGAPORE POLYTECHNIC (UPGRADING - T17)

500 Dover Road, Singapore



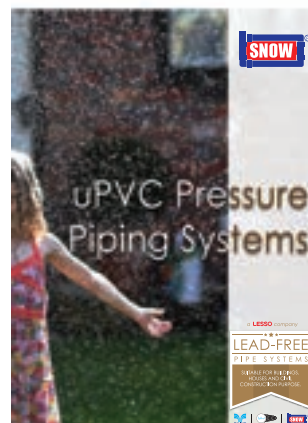
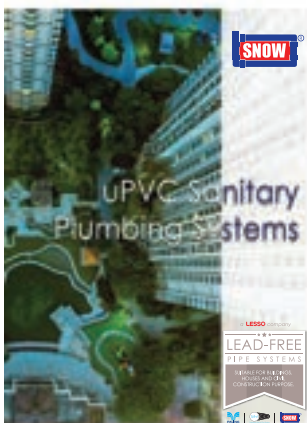
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