

SEKISUI

■ Rigid polyvinyl chloride pipes and fittings for drainage

ESLON DV-VU joint

Approved Drawings

SEKISUI CHEMICAL CO.,LTD.

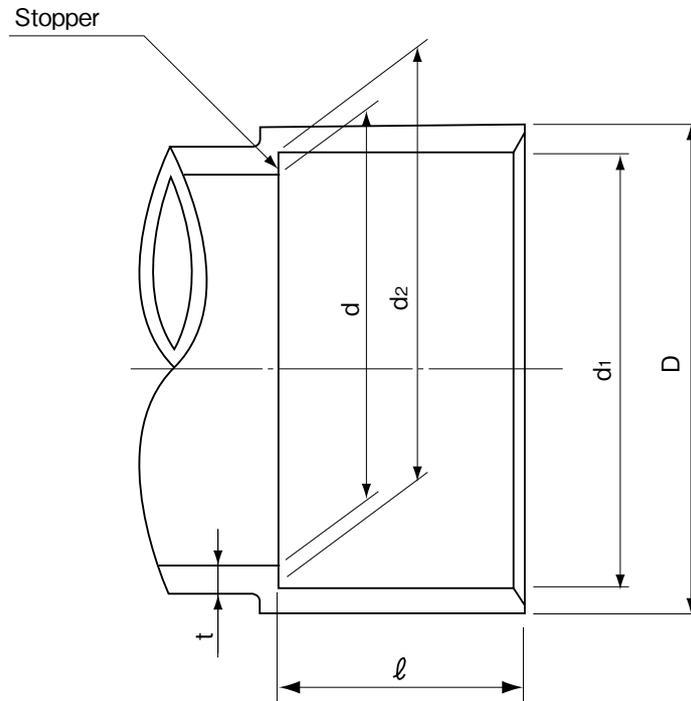
ESLON DV-VU joint Approved Drawings

Table of Contents

■ ESLON DV-VU joint

Item	Abbreviation	Page
Common dimensions of socket	–	3
Socket	VU DS	4
Increaser	VU IN	5
Increaser	VU INE	6
45°elbow	VU 45L	7
90°elbow	VU DL	8
90°curved elbow	VU LL	9
90°Y	VU DT	10
Reducing 90°Y	VU DT	11
45°Y	VU Y	12
Reducing 45°Y	VU Y	13
90°curved Y	VU LT	14
Reducing 90°curved Y	VU LT	15
VU cap	–	16

Item

**ESLON DV-VU joint
Common dimensions of socket**


Unit:mm

Nominal diameter	d1		d2		ℓ		D	d	t
	Standard dimension	Tolerance	Standard dimension	Tolerance	Standard dimension	Tolerance	Reference dimension	Minimum dimension	Minimum dimension
40	48.5	±0.3	47.5	±0.3	22	±1	54	44	2.2
50	60.5	±0.3	59.5	±0.3	25	±3	67	56	2.2
65	76.6	±0.3	75.4	±0.3	35	±3	83	71	2.5
75	89.6	±0.3	88.3	±0.3	40	±5	97	83	3.0
100	114.8	±0.4	113.2	±0.4	50	±5	124	107	3.5
125	140.9	±0.4	139.1	±0.4	65	±5	151	131	4.5
150	166.1	±0.5	163.9	±0.5	80	±5	178	154	5.5

Note: The d1 and d2 values are the arithmetic mean of the value in two directions orthogonal to each other.

Item

**ESLON DV-VU joint
Common dimensions of socket**

Drawing No.

D-VU-002

Drafting

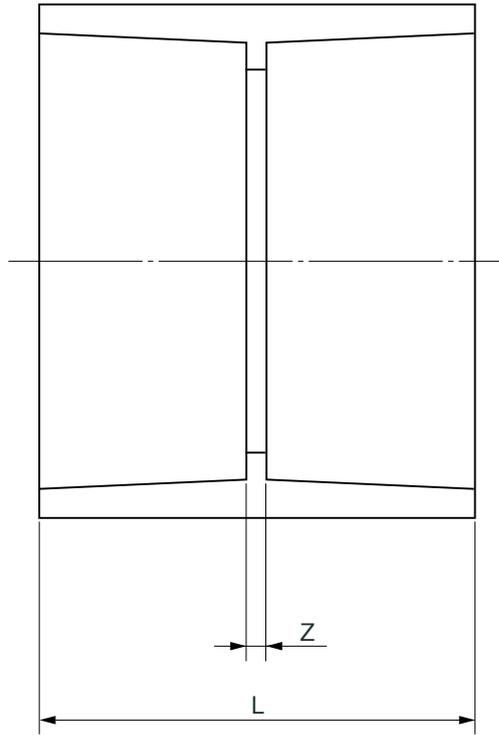
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
Socket(VUDS)**



Unit : mm

Nominal diameter	Z	L	Part No.
50	3	53	UDS50
65	3	73	UDS65
75	4	84	UDS75
100	5	105	UDS1H
125	5	135	UDS1Q
150	5	165	UDS1F

Note:1. The tolerance for Z is ± 2 mm.
2. L is the standard dimension.

Item

**ESLON DV-VU joint
Socket(VUDS)**

Drawing No.

D-VU-003

Drafting

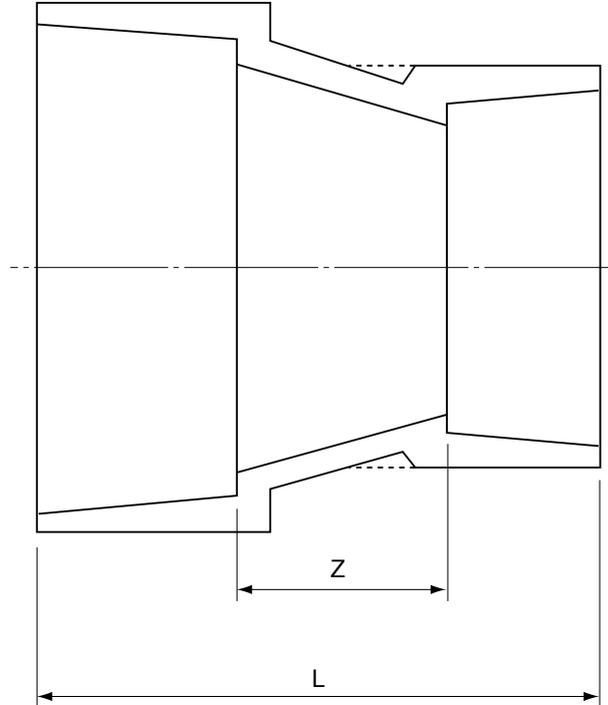
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
Increaser(VUIN)**



Unit : mm

Nominal diameter	Z	L	Part No.
50×40	20	67	UIN501
65×50	20	80	UIN651
75×50	25	90	UIN752
75×65	25	100	UIN751
100×50	30	105	UIN1H3
100×65	30	115	UIN1H2
100×75	30	120	UIN1H1
125×100	35	150	UIN1Q1
150×100	40	170	UIN1F2
150×125	40	185	UIN1F1

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

**ESLON DV-VU joint
Increaser(VUIN)**

Drawing No.

D-VU-004a

Drafting

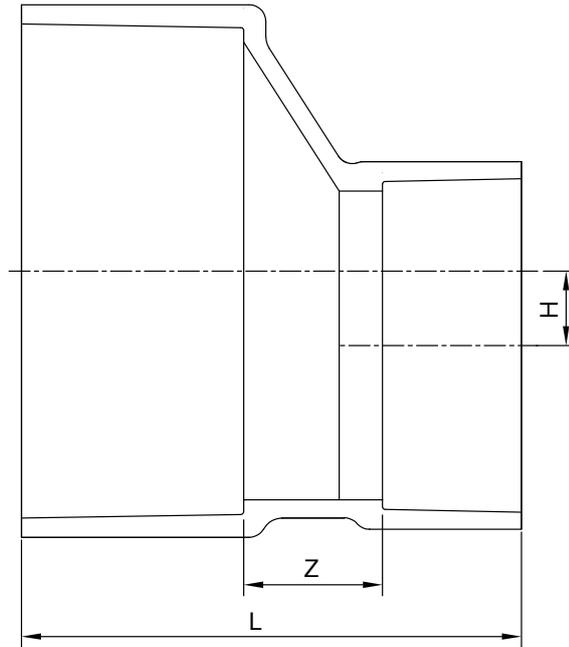
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
Increaser (VUINE)**



Unit:mm

Nominal diameter	Z	L	H	Part No.
150×100	40	170	23.5	UINE1F2
150×125	30	175	11.5	UINE1F1

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

**ESLON DV-VU joint
Increaser (VUINE)**

Drawing No.

D-VU-004b

Drafting

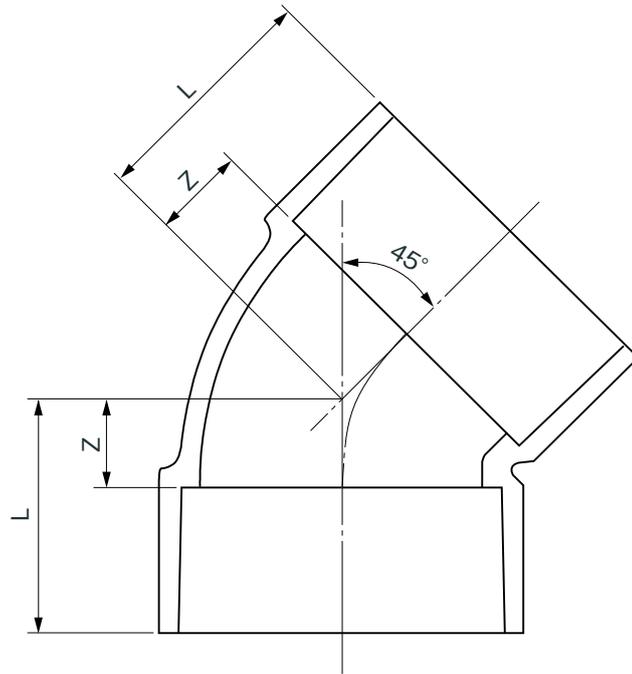
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
45°elbow(VU45L)**



Unit : mm

Nominal diameter	Z	L	Part No.
50	18	43	U4L50
65	22	57	U4L65
75	25	65	U4L75
100	30	80	U4L1H
125	38	103	U4L1Q
150	44	124	U4L1F

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

**ESLON DV-VU joint
45°elbow(VU45L)**

Drawing No.

D-VU-005

Drafting

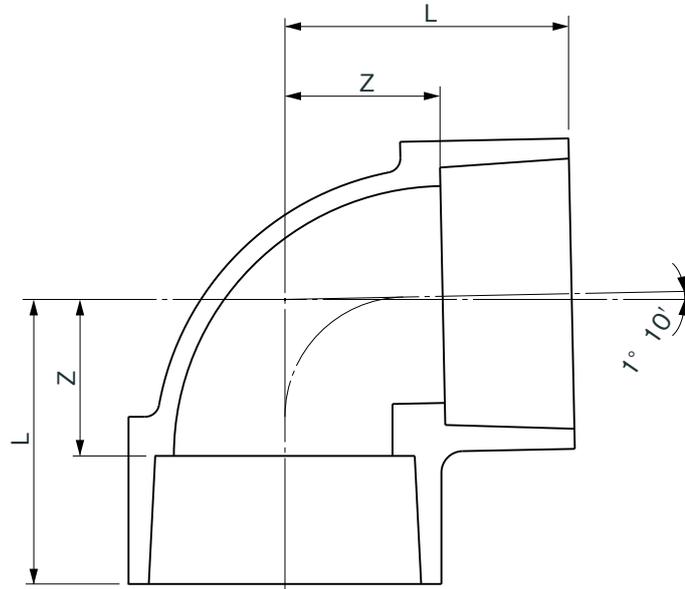
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
90°elbow(VUDL)**



Unit : mm

Nominal diameter	Z	L	Part No.
40	27	49	UDL40
50	33	58	UDL50
65	42	77	UDL65
75	48	88	UDL75
100	62	112	UDL1H
125	75	140	UDL1Q
150	88	168	UDL1F

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

**ESLON DV-VU joint
90°elbow(VUDL)**

Drawing No.

D-VU-006

Drafting

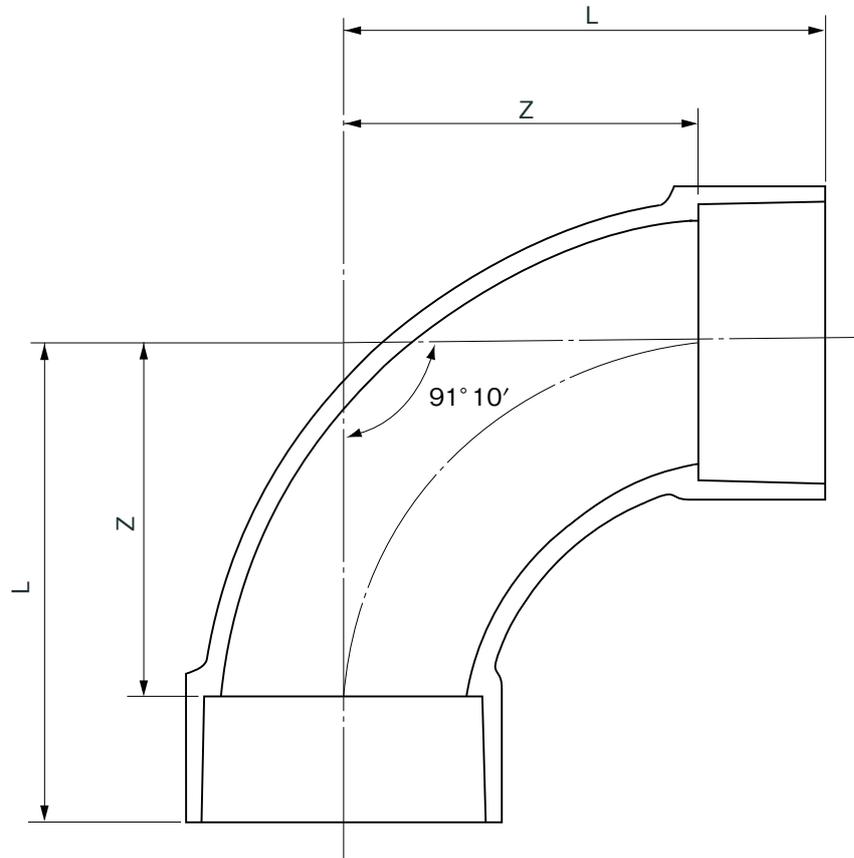
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

ESLON DV-VU joint
90°curved elbow(VULL)



Unit : mm

Nominal diameter	Z	L	Part No.
50	66	91	ULL50
65	90	125	ULL65
75	100	140	ULL75
100	128	178	ULL1H
125	140	205	ULL1Q
150	170	250	ULL1F

Note:1. The tolerance for Z is ± 2 mm.

2. L is the standard dimension.

Item

ESLON DV-VU joint
90°curved elbow(VULL)

Drawing No.

D-VU-007

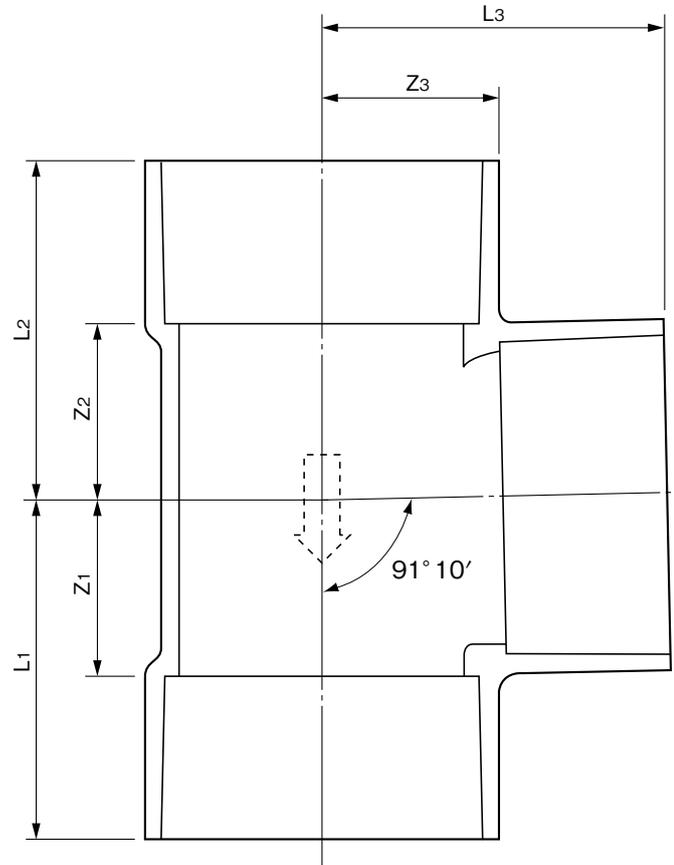
Drafting

SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
90°Y(VUDT)**


Unit : mm

Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Part No.
50	34	34	34	59	59	59	UDT50
65	42	43	42	77	78	77	UDT65
75	48	49	48	88	89	88	UDT75
100	62	63	62	112	113	112	UDT1H
150	89	90	89	169	170	169	UDT1F

Note:1. The tolerance for Z₁,Z₂ and Z₃ is ± 2 mm.

2. L₁, L₂, and L₃ are the standard dimensions.

3. The arrows indicating the direction of flow are protruding outward as shown in the figure.

Item

**ESLON DV-VU joint
90°Y(VUDT)**

Drawing No.

D-VU-008

Drafting

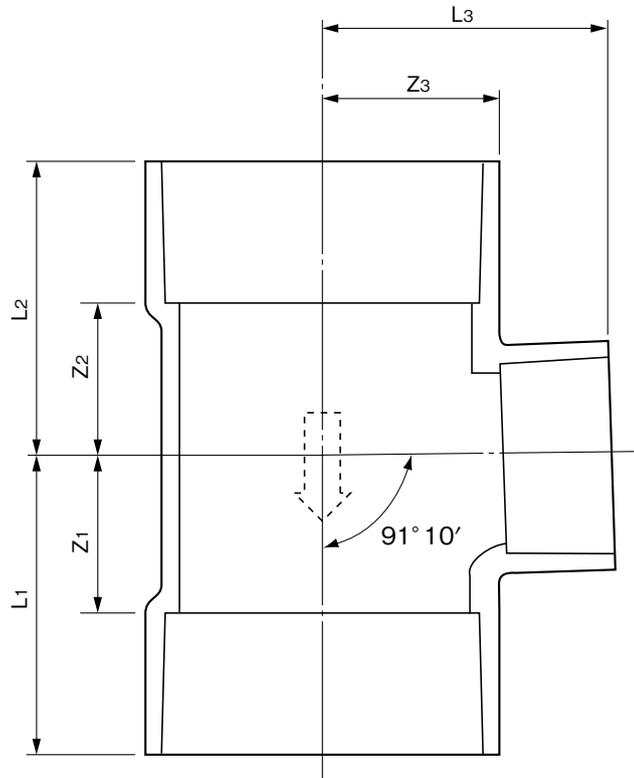
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
Reducing 90°Y(VU DT)**



Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Part No.
75×50	34	35	48	74	75	73	UDT752
100×50	34	35	62	84	85	87	UDT1H3
100×75	48	49	62	98	99	102	UDT1H1
150×100	62	63	88	142	143	138	UDT1F2

Note:1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.

2. L1, L2, and L3 are the standard dimensions.

3. The arrows indicating the direction of flow are protruding outward as shown in the figure.

Item

**ESLON DV-VU joint
Reducing 90°Y(VU DT)**

Drawing No.

D-VU-009

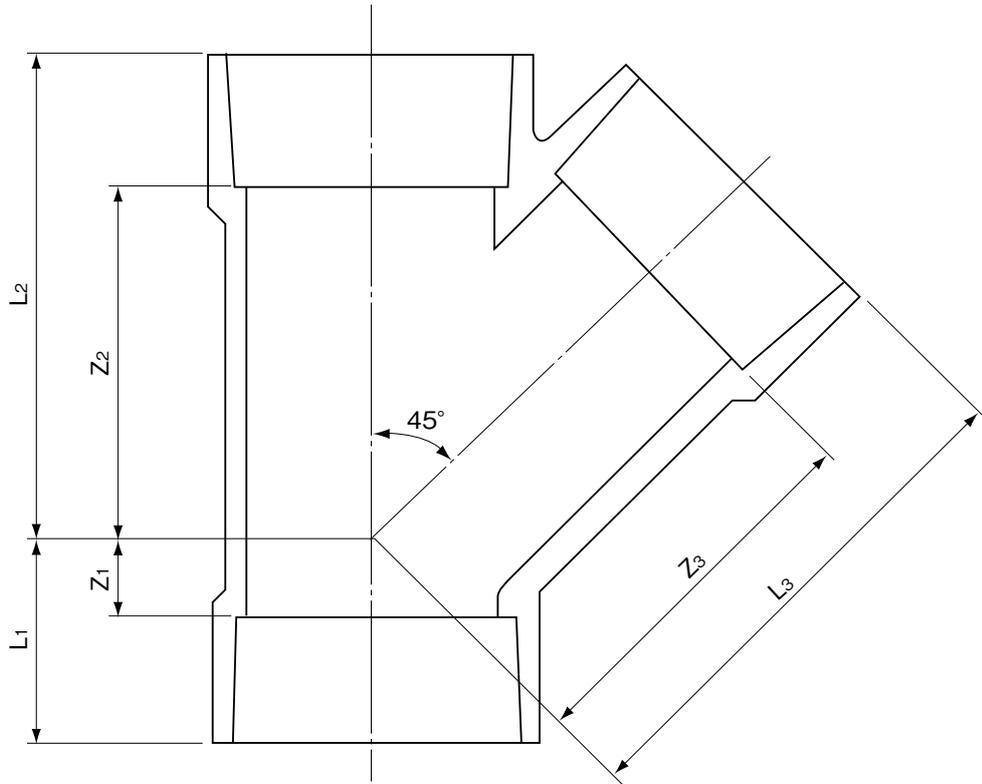
Drafting

SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item **ESLON DV-VU joint
45°Y(VUY)**



Unit : mm

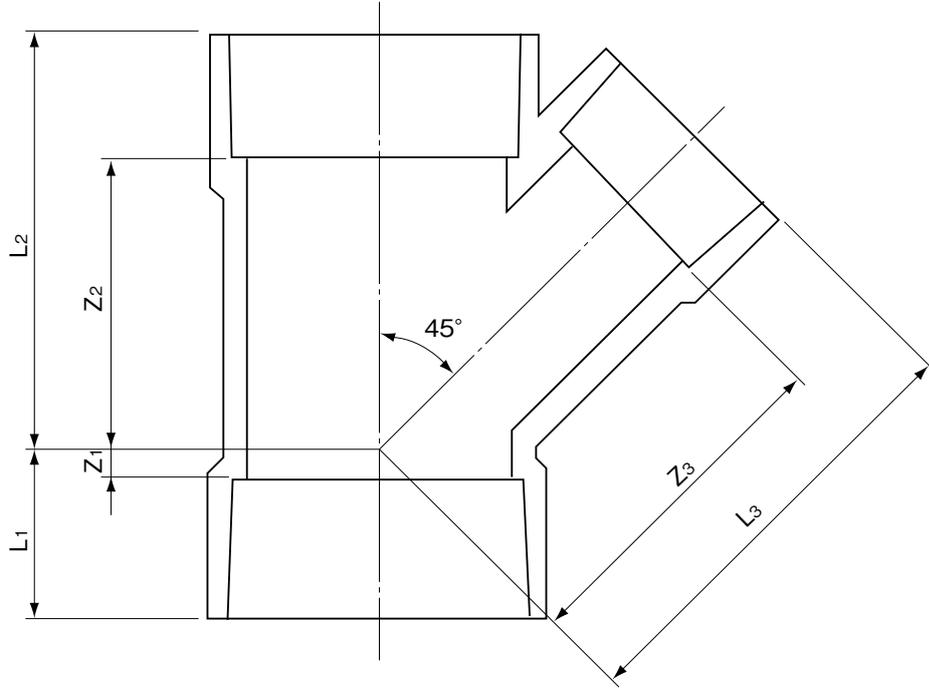
Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Part No.
50	20	72	78	45	97	103	UY50
65	20	92	98	55	127	133	UY65
75	26	106	115	66	146	155	UY75
100	32	134	144	82	184	194	UY1H
150	44	204	210	124	284	290	UY1F

Note : 1. The tolerance for Z₁, Z₂, and Z₃ is ±2 mm for 100 or less and ±3 mm for 150.
2. L₁, L₂, and L₃ are the standard dimensions.

Item	ESLON DV-VU joint 45°Y(VUY)	Drawing No.	D-VU-010
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.6.30

Item

**ESLON DV-VU joint
Reducing 45°Y(VUY)**



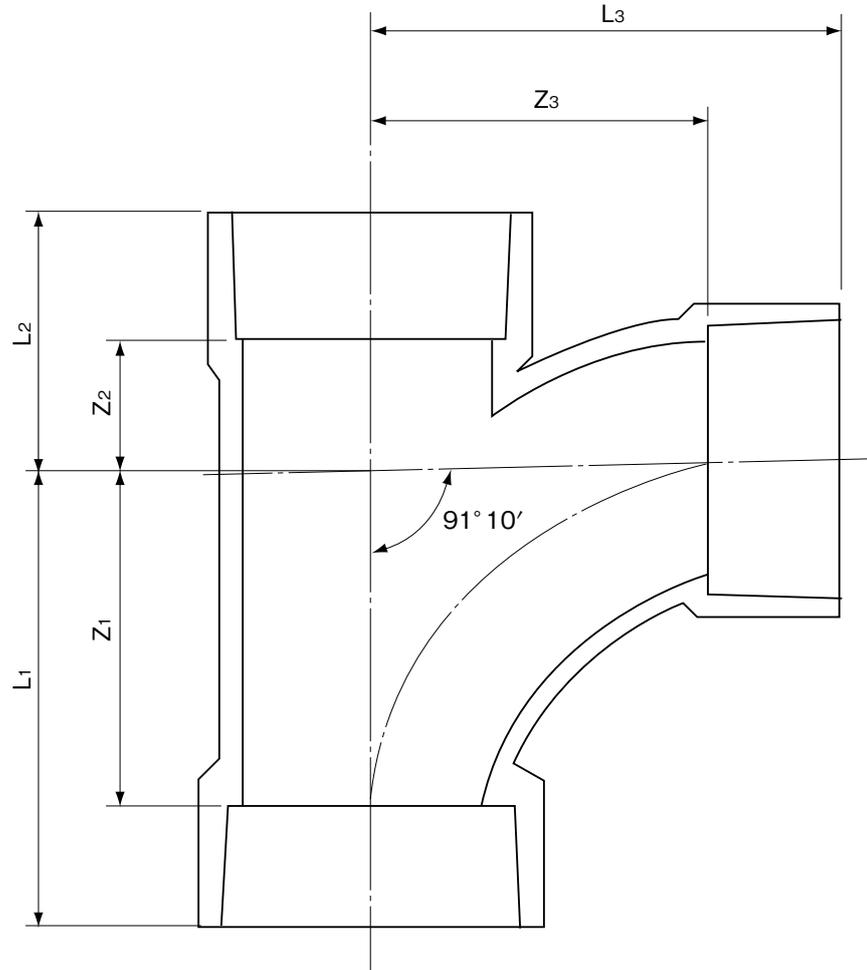
Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Part No.
75×50	3	86	98	43	126	123	UY752
100×50	-8	98	118	42	148	143	UY1H3
100×75	19	118	132	69	168	172	UY1H1

Note : 1. The tolerance for Z1,Z2 and Z3 is ± 2 mm.
2. L1, L2, and L3 are the standard dimensions.

Item	ESLON DV-VU joint Reducing 45°Y(VUY)	Drawing No.	D-VU-011
Drafting	SEKISUI CHEMICAL CO.,LTD.	Date	2025.6.30

Item

**ESLON DV-VU joint
90°curved Y(VULT)**


Unit : mm

Nominal diameter	Z ₁	Z ₂	Z ₃	L ₁	L ₂	L ₃	Part No.
50	66	26	66	91	51	91	ULT50
75	100	30	100	140	70	140	ULT75
100	128	45	128	178	95	178	ULT1H
125	140	50	140	205	115	205	ULT1Q
150	170	65	170	250	145	250	ULT1F

Note : 1. The tolerance for Z₁, Z₂, and Z₃ is ± 2 mm for 100 or less and ± 3 mm for 125 or more.
2. L₁, L₂, and L₃ are the standard dimensions.

Item

**ESLON DV-VU joint
90°curved Y(VULT)**

Drawing No.

D-VU-012

Drafting

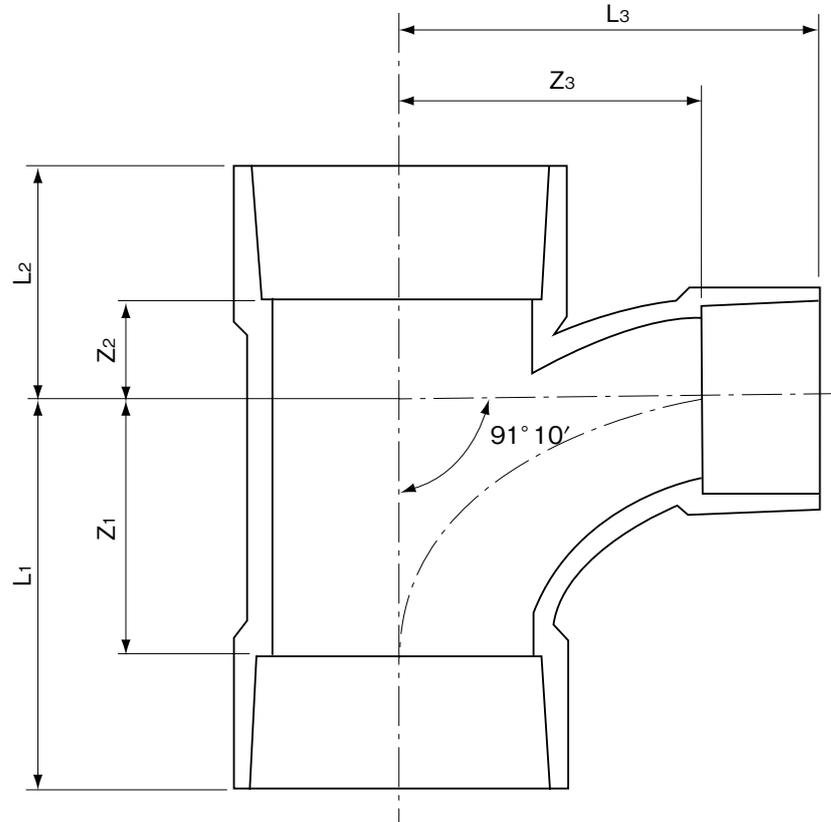
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
Reducing 90°curved Y(VULT)**



Unit : mm

Nominal diameter	Z1	Z2	Z3	L1	L2	L3	Part No.
75× 50	66	29	79	106	69	104	ULT752
100× 50	66	32	90	116	82	115	ULT1H3
100× 75	100	33	110	150	83	150	ULT1H1
150×125	140	60	152	220	140	217	ULT1F1

Note : 1. The tolerance for Z1, Z2, and Z3 is ± 2 mm for 100 or less and ± 3 mm for 125 or more.
2. L1, L2, and L3 are the standard dimensions.

Item

**ESLON DV-VU joint
Reducing 90°curved Y(VULT)**

Drawing No.

D-VU-013

Drafting

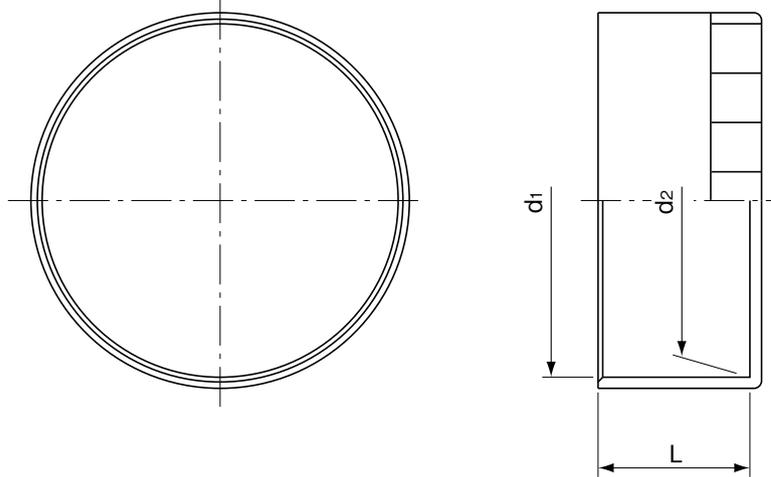
SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30

Item

**ESLON DV-VU joint
VU cap**



Unit : mm

Nominal diameter	d1	d2	L	Part No.
40	48.5±0.3	47.5±0.3	22	VUC40N
50	60.5±0.3	59.5±0.3	25	VUC50N
65	76.6±0.3	75.4±0.3	35	VUC65N
75	89.6±0.3	88.3±0.3	40	VUC75N
100	114.8±0.4	113.2±0.4	50	VUC1HN
125	140.9±0.4	139.1±0.4	65	VUC1QN
150	166.1±0.5	163.9±0.5	80	VUC1FN

Note : 1. This product is injection molded.

2. The d1 and d2 values are the arithmetic mean of the value in two directions orthogonal to each other.

Item

**ESLON DV-VU joint
VU cap**

Drawing No.

D-VU-014

Drafting

SEKISUI CHEMICAL CO.,LTD.

Date

2025.6.30