

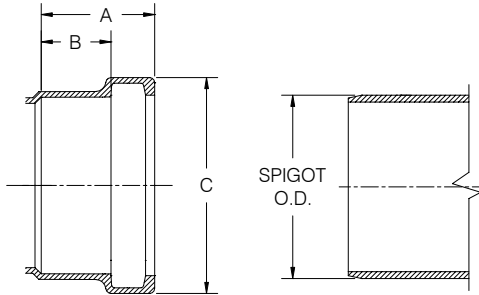
# HARCO SDR-35 PVC GASKETED SEWER FITTINGS

## DESIGN DATA

### Applicable Standards

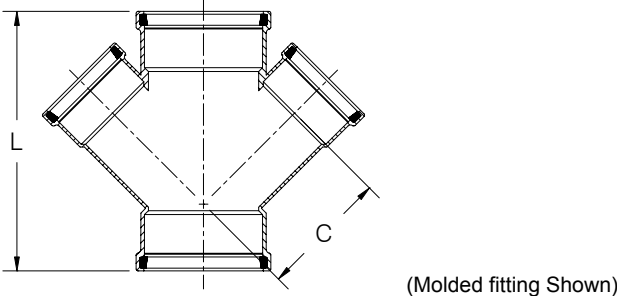
Fittings:	ASTM D-3034, F-1336
Materials:	ASTM D-1784
Joints:	ASTM D-3212
Gaskets:	ASTM F-477
Wall Thickness:	SDR-35
Installation:	ASTM D-2321

### BELL SPECIFICATION



SIZE	STYLE	A	B	C	Pipe O.D.
4	Molded	2.72	1.8	5.19	4.215
6	Molded	3.47	2.5	7.38	6.275
8	Molded	4.02	3.0	9.62	8.40
10	Fab/Molded	7.5	4.8	10.6/10.8	10.50
12	Fab/Molded	7.5	4.8	12.6/14.0	12.50
15	Fab	7.5	4.8	17.1	15.3

### DOUBLE WYE GxGxG



SIZE	PART No.	STYLE	C	L	WT. (approx.)
4X4	204-0404	Fab	5.2	11.8	3.0
6X4	204-0604	Molded	6.8	16.0	5.0
6X6	204-0606	Fab	8.0	16.0	8.0
8X4	204-0804	Fab	8.0	15.0	9.3
8X6	204-0806	Fab	9.2	18.5	11.9

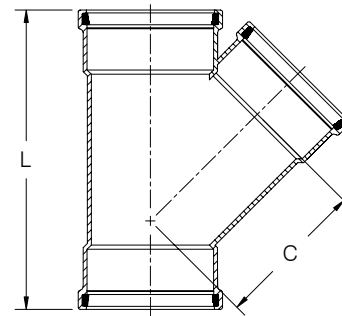
### NOTES:

- All lay lengths & weights are approximate and are subject to change without notice.
- Fabricated fitting configurations may vary.

### CAUTION: Vertical risers are not recommended.

Vertical risers are subject to problems without special consideration of soil/pipe interaction, dead & live loads, and installation procedures.

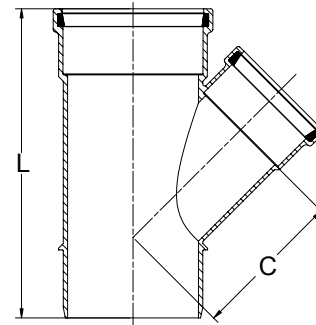
### 45° WYE GxGxG



(Molded fitting Shown)

SIZE	PART No.	STYLE	C	L	WT. (approx.)
4X4	201-0404	Molded	5.2	11.8	2.4
6X4	201-0604	Molded	6.8	16.0	4.8
6X6	201-0606	Molded	8.0	16.0	5.6
8X4	201-0804	Molded	8.7	15.0	7.3
8X6	201-0806	Molded	9.2	18.5	9.4
8X8	201-0808	Molded	10.2	20.5	12.1
10X4	201-1004	Fab	12.5	26.0	14.0
10X6	201-1006	Fab	12.5	29.0	17.0
10X8	201-1008	Fab	13.8	31.5	20.0
10X10	201-1010	Fab	15.0	35.5	27.0
12X4	201-1204	Fab	13.8	27.0	21.0
12X6	201-1206	Fab	13.8	30.0	24.0
12X8	201-1208	Fab	15.1	32.5	28.0
12X10	201-1210	Fab	15.3	36.5	33.0
12X12	201-1212	Fab	18.1	39.5	44.0
15X4	201-1504	Fab	15.7	29.0	32.0
15X6	201-1506	Fab	15.7	32.0	36.0
15X8	201-1508	Fab	17.0	34.5	40.0
15X10	201-1510	Fab	18.2	38.5	50.0
15X12	201-1512	Fab	20.0	41.5	59.0
15X15	201-1515	Fab	22.0	46.0	66.0

### 45° WYE GxSxG



(Molded fitting Shown)

SIZE	PART No.	STYLE	C	L	WT. (approx.)
4X4	202-0404	Molded	5.2	11.8	2.0
6X4	202-0604	Molded	6.8	16.0	4.3
6X6	202-0606	Molded	8.0	16.0	5.4
8X4	202-0804	Molded	8.7	15.0	6.6
8X6	202-0806	Molded	9.2	18.5	8.5
8X8	202-0808	Molded	10.2	20.0	11.6

CALL FOR OTHER SIZES, CONFIGURATIONS & GASKET MATERIALS.



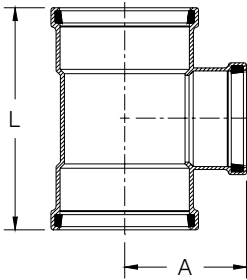
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# HARCO SDR-35 PVC GASKETED SEWER FITTINGS

## DESIGN DATA

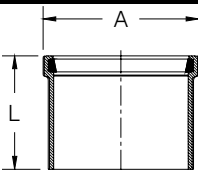
### TEE GxGxG



(Molded fitting Shown)

SIZE	PART No.	STYLE	A	L	WT. (approx.)
4X4	212-0404	Molded	4.9	10.0	1.9
6X4	212-0604	Molded	5.9	11.7	3.9
6X6	212-0606	Molded	6.8	13.7	4.5
8X4	212-0804	Molded	7.0	13.0	7.0
8X6	212-0806	Molded	7.9	15.0	8.1
8X8	212-0808	Molded	8.6	17.9	9.4
10X4	212-1004	Fab	12.7	23.5	14.0
10X6	212-1006	Fab	13.2	25.2	16.0
10X8	212-1008	Fab	13.7	27.5	17.0
10X10	212-1010	Fab	15.2	29.5	23.0
12X4	212-1204	Fab	13.6	24.5	20.0
12X6	212-1206	Fab	14.1	26.5	23.0
12X8	212-1208	Fab	14.6	28.5	25.0
12X10	212-1210	Fab	16.1	30.5	29.0
12X12	212-1212	Fab	16.6	32.5	31.0
15X4	212-1504	Fab	15.0	26.5	31.0
15X6	212-1506	Fab	15.5	28.5	34.0
15X8	212-1508	Fab	16.0	30.5	36.0
15X10	212-1510	Fab	17.5	32.5	41.0
15X12	212-1512	Fab	18.0	34.5	45.0
15X15	212-1515	Fab	19.0	37.5	61.0

### MANHOLE ADAPTERS (SINGLE BELL)



Note: Adapter has a sand coated exterior surface

(Molded fitting Shown)

SIZE	PART No.	STYLE	A	L	WT. (approx.)
4	258-040	Molded	5.2	4.3	1.3
6	258-060	Molded	7.4	6.0	2.6
8	258-080	Molded	9.6	7.0	4.6
10	258-100	Fab	12.3	6.3	6.1
12	258-120	Fab	14.5	6.8	9.1
15	258-150	Fab	17.5	7.3	11.5

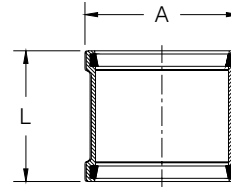
#### NOTES:

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#### CAUTION: Vertical risers are not recommended.

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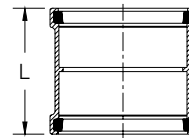
### MANHOLE ADAPTERS (DOUBLE BELL)



(Molded fitting Shown)

SIZE	PART No.	STYLE	A	L	WT. (approx.)
4	257-040	Molded	5.6	5.6	0.9
6	257-060	Molded	7.1	7.1	3.9
8	257-080	Molded	8.3	8.3	7.1
10	257-010	Fab	12.5	12.5	12.0
12	257-012	Fab	13.5	13.5	16.0
15	257-015	Fab	14.5	14.5	23.0

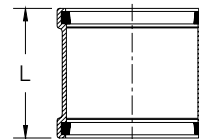
### LINE COUPLING (w/ Stop)



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	208-040	Molded	5.5	1.0
6	208-060	Molded	7.1	2.2
8	208-080	Molded	8.3	4.3
10	208-100	Fab	13.5	6.0
12	208-120	Fab	14.5	12.0
15	208-150	Fab	17.0	22.0

### REPAIR COUPLING (Sleeve)

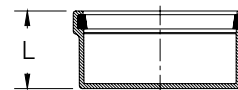


Note: Adapter has a sand coated exterior surface

(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	209-040	Molded	5.5	1.1
6	209-060	Molded	7.1	2.2
8	209-080	Molded	8.3	4.1
10	209-100	Fab	12.5	7.0
12	209-120	Fab	13.5	11.0
15	209-150	Fab	14.5	17.0

### CAP



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	249-040	Molded	2.7	0.6
6	249-060	Molded	3.5	1.4
8	249-080	Molded	4.0	3.0
10	249-100	Fab	10.5	8.0
12	249-120	Fab	12.0	12.0
15	249-150	Fab	14.0	23.0

CALL FOR OTHER SIZES, CONFIGURATIONS & GASKET MATERIALS.



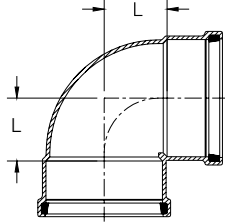
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# HARCO SDR-35 PVC GASKETED SEWER FITTINGS

## DIMENSIONAL DATA

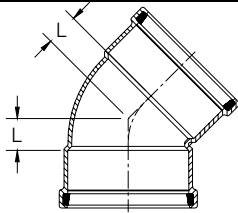
### 90° Bend GxG



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	218-040	Molded	2.4	1.4
6	218-060	Molded	3.5	3.3
8	218-080	Molded	4.6	7.0
10	218-100	Fab	9.0	21.0
12	218-120	Fab	11.5	30.0
15	218-150	Fab	12.5	52.0

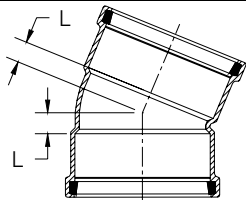
### 45° Bend GxG



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	222-040	Molded	1.2	1.2
6	222-060	Molded	1.6	2.8
8	222-080	Molded	2.2	5.7
10	222-100	Fab	3.3	16.0
12	222-120	Fab	5.5	24.0
15	222-150	Fab	5.5	38.0

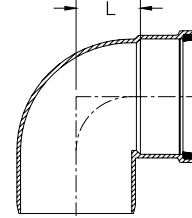
### 22.5° Bend GxG



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	224-040	Molded	0.7	1.1
6	224-060	Molded	1.1	2.6
8	224-080	Molded	1.3	5.1
10	224-100	Fab	2.0	16.0
12	224-120	Fab	2.5	25.0
15	224-150	Fab	4.8	40.0

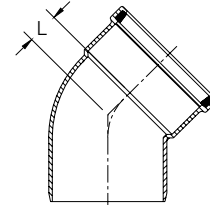
### 90° Bend GxS



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	219-040	Molded	2.4	1.1
6	219-060	Molded	3.5	2.8
8	219-080	Molded	4.6	6.1
10	219-100	Fab	9.0	19.0
12	219-120	Fab	11.5	30.0
15	219-150	Fab	12.5	50.0

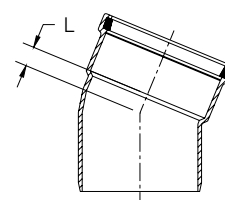
### 45° Bend GxS



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	223-040	Molded	1.2	0.9
6	223-060	Molded	1.6	2.3
8	223-080	Molded	2.2	5.0
10	223-100	Fab	3.3	15.0
12	223-120	Fab	5.5	23.0
15	223-150	Fab	5.5	31.0

### 22.5° Bend GxS



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4	225-040	Molded	0.7	0.9
6	225-060	Molded	1.1	2.1
8	225-080	Molded	1.3	4.4
10	225-100	Fab	2.0	15.0
12	225-120	Fab	2.5	22.0
15	225-150	Fab	4.8	33.0

#### NOTES:

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#### CAUTION: Vertical risers are not recommended.

Vertical risers are subject to problems without special consideration of soil/pipe interaction, dead & live loads, and installation procedures.

CALL FOR OTHER SIZES, CONFIGURATIONS & GASKET MATERIALS.



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# HARCO SDR-35 PVC GASKETED SEWER FITTINGS

## DIMENSIONAL DATA

TEE- WYE GxGxG					
<p>(Molded fitting Shown)</p>					
SIZE	PART No.	STYLE	C	L	WT. (approx.)
4X4	205-0404	Molded	3.7	11.8	2.3
6X4	205-0604	Molded	4.6	15.5	4.6
6X6	205-0606	Molded	5.1	15.5	5.3
8X4	205-0804	Molded	5.6	14.2	6.8
8X6	205-0806	Molded	6.1	16.4	8.4
8X8	205-0808	Molded	6.3	17.8	9.6
10X4	205-1004	Fab	12.1	26.0	16.0
10X6	205-1006	Fab	13.8	29.0	19.0
12X4	205-1204	Fab	11.9	27.0	22.0
12X6	205-1206	Fab	14.4	30.0	26.0
15X4	205-1504	Fab	12.6	29.0	33.0
15X6	205-1506	Fab	15.8	32.0	41.0

TEE- WYE GxSxG					
<p>(Molded fitting Shown)</p>					
SIZE	PART No.	STYLE	C	L	WT. (approx.)
4X4	206-0404	Molded	3.7	11.8	2.0
6X4	206-0604	Molded	4.6	15.5	4.1
6X6	206-0606	Molded	5.1	15.5	4.5
8X4	206-0804	Molded	5.6	14.2	6.1
8X6	206-0806	Molded	6.1	16.4	7.6
8X8	206-0808	Molded	6.3	17.8	9.2

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PERMANENT PLUG					
<p>(Molded fitting Shown)</p>					
SIZE	PART No.	STYLE	A	B	WT. (approx.)
4	244-040	Molded	4.5	2.8	0.4
6	244-060	Molded	6.7	3.7	1.1
8	244-080	Molded	8.9	4.3	5.3
10	244-100	Fab	11.1	6.0	7.0
12	244-120	Fab	13.2	7.0	10.0
15	244-150	Fab	16.2	9.0	17.0

TEMPORARY PLUG (made from polyethylene)				
<p>(Molded fitting Shown)</p>				
SIZE	PART No.	STYLE	L	WT. (approx.)
4	247-040	Molded	4.3	0.2
6	247-060	Molded	3.8	0.3
8	247-080	Molded	8.4	0.9

SADDLE WYE				
<p>(Saddle gasket &amp; SS straps not shown) (Molded fitting Shown)</p>				
SIZE	PART No.	STYLE	A	WT. (approx.)
6x4	255-064	Molded	8.9	1.4
8x4	255-084	Molded	10.4	1.5
8x6	255-086	Molded	12.0	3.3
10x4	255-104	Molded	11.9	1.2
10x6	255-106	Molded	13.0	3.3
12x4	255-124	Molded	13.4	1.2
12x6	255-126	Molded	14.3	3.8

SADDLE TEE				
<p>(Saddle gasket &amp; SS straps not shown) (Molded fitting Shown)</p>				
SIZE	PART No.	STYLE	A	WT. (approx.)
6x4	256-064	Molded	3.3	1.0
8x4	256-084	Molded	4.5	1.2
8x6	256-086	Molded	4.7	2.4
10x4	256-104	Molded	5.5	3.3
10x6	256-106	Molded	5.7	2.3
12x4	256-124	Molded	6.5	1.2
12x6	256-126	Molded	6.6	3.1

CALL FOR OTHER SIZES, CONFIGURATIONS & GASKET MATERIALS.



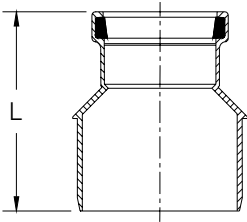
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## DESIGN DATA

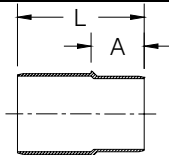
### INCREASER GxS



(Molded fitting Shown)

SIZE	PART No.	STYLE	L	WT. (approx.)
4x6	216-0406	Molded	8.1	1.4
4x8	216-0408	Fab	9.1	2.7
4x10	216-0410	Fab	13.2	7.5
4x12	216-0412	Fab	13.5	11.0
4x15	216-0415	Fab	15.0	19.0
6x8	216-0608	Molded	9.0	3.0
6x10	216-0610	Fab	13.3	7.0
6x12	216-0612	Fab	13.6	13.0
6x15	216-0615	Fab	14.8	17.0
8x10	216-0810	Fab	13.4	9.0
8x12	216-0812	Fab	13.7	12.0
8x15	216-0815	Fab	14.9	19.0
10x12	216-1012	Fab	22.0	16.0
10x15	216-1015	Fab	21.8	21.0
12x15	216-1215	Fab	24.5	24.0

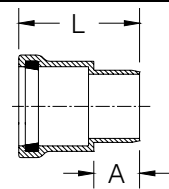
### ADAPTER (Sch. 40 x 3034 SxS)



(Molded fitting Shown)

SIZE	PART No.	STYLE	A	L	WT. (approx.)
4x4	240-040	Molded	2.8	6.9	1.5
6x6	240-060	Molded	3.5	8.1	2.9

### ADAPTER (Sch. 40 x 3034 GxS)



(Molded fitting Shown)

SIZE	PART No.	STYLE	A	L	WT. (approx.)
4x4	235-040	Molded	2.7	7.1	1.6
6x6	235-060	Molded	3.5	8.4	3.7

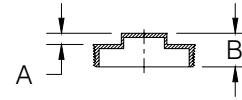
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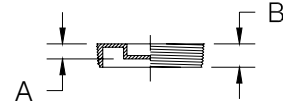
### CLEAN-OUT PLUG (RAISED)



(Molded fitting Shown)

SIZE	PART No.	A	B	WT. (approx.)
4	261-040	.5	1.5	0.2
6	261-060	.5	1.5	0.5

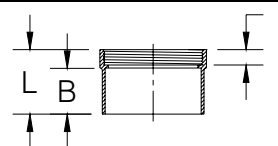
### CLEAN-OUT PLUG (RECESSED)



(Molded fitting Shown)

SIZE	PART No.	A	L	WT. (approx.)
4	262-040	0.7	1.0	0.2
6	262-060	0.7	1.0	0.6

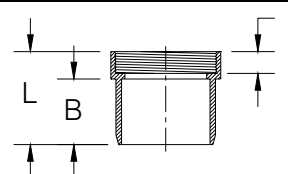
### CLEAN-OUT ADAPTER (HUB)



(Molded fitting Shown)

SIZE	PART No.	A	B	L	WT. (approx.)
4	259-040	1.0	1.8	2.9	0.5
6	259-060	1.0	3.0	4.2	0.9

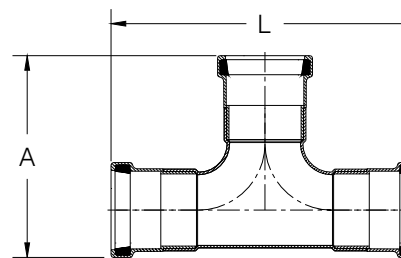
### CLEAN-OUT ADAPTER (SPIGOT)



(Molded fitting Shown)

SIZE	PART No.	A	B	L	WT. (approx.)
4	260-040	1.0	1.8	7.1	0.6
6	260-060	1.0	3.0	8.4	0.9

### 2 WAY CLEAN-OUT TEE



(Molded fitting Shown)

SIZE	PART No.	STYLE	A	L	WT. (approx.)
4	213-040	Fab	11.0	16.9	3.0

CALL FOR OTHER SIZES, CONFIGURATIONS & GASKET MATERIALS.



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