

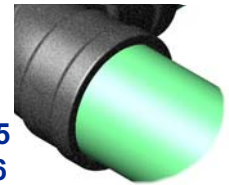
# DUCTILE IRON SEWER FITTINGS

*PVC Sewer Mains and Ductile Iron*



**SEWER**

Mainline  
Sewer  
by  
PVC SDR35  
and SDR26



Mainline  
Sewer  
by  
PVC - DWV



Mainline  
Sewer  
by  
Ductile Iron



**Benefits:**

- **Ten Times the Strength of PVC fittings = no failures**
- **Fits directly on ASTM 3034 PVC sewer pipe C-900**
- **Custom coatings options available to match your needs**
- **Protects your reputation by eliminating costly failures**
- **Put an end to costly dig-ups**
- **Worry free air testing**

Harco's Ductile Iron Sewer fittings are specifically designed to eliminate the risks of fitting failure in deep burial installations. With ten times the strength of typical PVC fittings, these ductile iron fittings will stand up to the most demanding conditions and give installers added peace of mind that repairs will not be required.

**Fitting Failure:  
An All Too Common Experience**

Deep burial of sewer mains often results in breakage of PVC sewer fittings when running risers to accommodate the depths of house laterals. Trench box installations often add to the problem, as it is difficult to install both the sewer and the riser before the box is moved. This causes extreme loads to be placed on the PVC sewer fittings as they are maneuvered into place from the surface after the trench box is removed.

**Solution That Puts an End to  
Expensive Failures**

Use Harco Ductile Iron Sewer Fittings to control the risks of fitting failures during installation and for years to come. Eliminate costly dig-ups and repairs during the testing phase, allowing projects to stay on schedule and on budget. These sewer fittings are designed with the same deep bells and robust gaskets that have made the Harco name synonymous with quality in the municipal marketplace for over 40 years.



# Sewer Fittings for SDR 35 & SDR 26 PVC D3034 Sewer PVC Pipe

## WYE

3034 Gasket x 3034 Gasket x 3034 Gasket



Size	Part Number	Weight
4 x 4	280122-0404	21
6 x 4	280122-0604	30
6 x 6	280122-0606	39
8 x 4	280122-0804	44
8 x 6	280122-0806	54

## 90° Bend

3034 Gasket x 3034 Gasket



Size	Part Number	Weight
4	282022-040	13
6	282022-060	23

## TEE-WYE

3034 Gasket x 3034 Gasket x 3034 Gasket



Size	Part Number	Weight
6 x 4	280522-0604	28
8 x 4	280522-0804	41
8 x 6	280522-0806	49

## TEE-WYE

3034 Gasket x 3034 Gasket x DI-OD Gasket



Size	Part Number	Weight
8 x 4	280523-0804	41
8 x 6	280523-0806	49

## Concentric Increaser

3034 Gasket x 3034 Spigot



Size	Part Number	Weight
4 x 6	2816-0406	11

## 45° Bend

3034 Gasket x 3034 Spigot



Size	Part Number	Weight
4	282322-040	11
6	282322-060	20

## 45° Bend

3034 Gasket x 3034 Gasket



Size	Part Number	Weight
4	282222-040	11
6	282222-060	20

## 45° Bend

3034 Gasket x DI-OD Gasket



Size	Part Number	Weight
4	282223-040	11
6	282223-060	20

## Adapter

3034 Spigot x DWV Gasket



Size	Part Number	Weight
4	2835-040	8
6	2835-060	15

# Sewer Fittings for DWV (drain waste vent) PVC Pipe & IPS PVC Pipe

## Adapter

DI-OD Spigot x 3034 Gasket



Size	Part Number	Weight
8	2834-080	26
10	2834-100	39
12	2834-120	54

## 90° Bend

DWV Gasket x DWV Gasket



Size	Part Number	Weight
4	80420	15
6	80620	27

## 45° Bend

DWV Gasket x DWV Gasket



Size	Part Number	Weight
4	80422	13
6	80622	23

## 45° Bend

DWV Gasket x DWV Spigot



Size	Part Number	Weight
4	282311-040	14

# Sewer Fittings for DI-OD Ductile Iron Pipe & C900 PVC Pipe

## WYE

DI-OD Gasket x DI-OD Gasket x 3034 Gasket



Size	Part Number	Weight
8 x 4	280132-0804	69
8 x 6	280132-0806	58

## WYE

DI-OD Gasket x DI-OD Gasket x DI-OD Gasket



Size	Part Number	Weight
8 x 4	280133-0804	64
8 x 6	280133-0806	76

## WYE

DI-OD Gasket x DI-OD Gasket x DWV Gasket



Size	Part Number	Weight
8 x 4	280131-0804	62
8 x 6	280131-0806	73

## TEE-WYE

DI-OD Gasket x DI-OD Gasket x 3034 Gasket



Size	Part Number	Weight
8 x 4	280532-0804	74
8 x 6	280532-0806	63

## TEE

DI-OD Gasket x DI-OD Gasket x DI-OD Gasket



Size	Part Number	Weight
8 x 4	281233-0804	93
8 x 6	281233-0806	103
8 x 8	281233-0808	109

## 45° Bend

DI-OD Gasket x DI-OD Gasket



Size	Part Number	Weight
4	282233-040	22
6	282233-060	38
8	282233-080	54

\*DIOD bell fits C900 PVC pipe and Ductile Iron pipe. Gasket is Tyton.

## 45° Bend

DI-OD Gasket x DI-OD Spigot



Size	Part Number	Weight
4	282333-040	15
6	282333-060	34
8	282333-080	48

## Adapter

3034 Gasket x DI-OD\* Gasket



Size	Part Number	Weight
6	2837-060	20
8	2837-080	32
10	2837-100	51
12	2837-120	67

## Adapter

DI-OD Gasket x 3034 Spigot



Size	Part Number	Weight
4	2836-040	11
6	2836-060	18

## 90° Bend

DI-OD Gasket x DI-OD Gasket



Size	Part Number	Weight
4	282033-040	26
6	282033-060	44
8	282033-080	71

## Materials

Body:	Ductile Iron -	ASTM D536
Gaskets:	SBR Rubber -	ASTM F477
Coating:	Standard - Bituminous -	AWWA C53
Coating:	Optional -	See Below

## Coatings

## Specification

## Suffix letter for Ordering

Bituminous	AWWA C153, Standard	(none)
Cement Lining	AWWA C153	C
Coal Tar Epoxy	AWWA C210	T
Fusion Bond Epoxy	AWWA C116	F
Protecto 401		P

## Ordering Information

Standard coating is bituminous tar coating, per AWWA C153.  
For different coating, add suffix from above to part number.

Example:

Ductile iron sewer 8" x 4" tee-wye (part number 280522-0804) with Protecto 401 would be part number 280522-0804**P**.

## Suggested Specifications

Ductile iron sewer fittings shall be deep bell, gasketed joint, and air test rated. Gasket grooves shall be machined. Material shall be ductile iron to ASTM A536, Grade 65-45-12 and ASTM F1336. Wall thickness shall meet the requirements of AWWA C153. Gaskets shall have a minimum cross sectional area of .20 sq. in. and conform to ASTM F477. Fittings shall be manufactured by the Harrington Corporation of Lynchburg, Virginia.

