

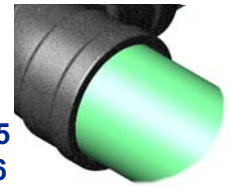
DUCTILE IRON SEWER FITTINGS

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.



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.

