



GLADDING MCBEAN

# VITRIFIED CLAY COUPLING PIPE

TODAY'S CLAY PIPE BUILT FOR TOMORROW

[www.gladdingmcbear.com](http://www.gladdingmcbear.com)



# Introduction

Gladding, McBean is a specialty manufacturer of Vitrified Clay Pipe products which are used by contractors and agencies throughout the world. Our state-of-the-art manufacturing processes and technology produces a ceramic product which has great strength, high density and water tight jointing. Vitrified Clay Pipe is the most inert of all sanitary sewer pipe materials. It does not have a gradual reduction in strength over time as with resin type products. Chemical resistance likewise does not deteriorate. Vitrified Clay Pipe is the only pipe which offers both a design and service life exceeding 100 years.

We have shown standard stock items herein. We typically manufacture non-stock items and non-standard sizes by special order. Please contact our staff for specific dimension information as all dimensions shown herein are subject to change without notice.

Our mission is to provide the optimum level of value, service and quality products to our customers. Our experienced and knowledgeable staff are here to assist in the design and/or installation of your projects.

# Couplings

Internal Shear Ring Coupling



Shielded Repair Coupling  
Available with outside stainless steel shear ring sizes 4" - 42".



# Tee & Wye

Tee



Wye



# Standard Internal Shear Ring Coupling



MINIMUM 3-EDGE BEARING STRENGTH				
Nominal Pipe Size	Standard Lengths	Approximate Weight	ASTM C-700 lb.f/linear ft.	Extra Strength (kN/linear m)
4"	1', 2', 4'	11 lb	2000	(29.2)
6"	1', 2', 5'	21 lb	2000	(29.2)
8"	1', 2', 6'	30 lb	2200	(32.1)

# Sweeps

Sweep 1/4 or 95°



Sweep 1/8 or 45°



Sweep 1/16 or 22° Bend



# Tee & Wye Saddles

Wye Saddle



Tee Saddle



# Torque Wrench

Non-adjustable torque wrench factory set to 60 inch pounds. Accommodates both 7/16 and 3/8 inch fasteners.



# Specifications

The Vitrified Clay Pipe products manufactured by Gladding, McBean are designed to exceed all applicable requirements of both the ASTM Standards and the "GREENBOOK" Standard Specifications for Public Works Construction.

Below is a table depicting a synopsis of specifications applicable to Vitrified Clay Pipe products. Please contact our staff to request additional information or to obtain a copy of any standard.

SYNOPSIS OF SPECIFICATIONS APPLICABLE TO VITRIFIED CLAY PIPE PRODUCTS			
Item	"Green Book" SSPWC	ASTM	AASHTO
1. Specification for strength.	Section 207-8	C700	M65
2. Specification for compression joints.	Section 208-2.3	C425	
3. Specification for perforated pipe.		C700	M65
4. Standard test methods.	Section 207-8.5	C301	
5. Standard installation practice.		C12	
6. Stainless steel		A167	
7. Clamp		300 Series, Type 316	
8. Bolt & Nut		300 Series	



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