



Quantum Coupling

12" Long Sleeve

PATENT NO. 6,168210B1

462



Description: Wide range, long sleeve cast couplings.

Application: Joining plain end pipe of all outside diameters within the coupling range.

Key Features:

- Great for reducing coupling inventory
- Heavy cast Ductile Iron parts for long life
- Meets applicable AWWA C219 Standards
- Stab fit, making installation a breeze. No disassembly required
- Bolts and nuts are coated for superior corrosion resistance and better torque capabilities
- Up to 1.65" of range with a single gasket and flange, reducing the need for large coupling inventories
- One coupling per nominal pipe size takes the guess work out of deciding which coupling size to choose

Materials Specifications (subject to change):

SLEEVE: High Strength Ductile Iron ASTM A536

FLANGES: High Strength Ductile Iron ASTM A536

GASKET: Nitrile (Buna N) NSF®/ANSI 61-G approved

FINISH: Fusion-Bonded Flexi-Coat® Epoxy Finish, per AWWA C213

BOLTS: High strength, low alloy Steel per ANSI A21.11 (AWWA C111) with Flexi-Coat® Epoxy Finish

Stainless Steel optional.

NUTS: Heavy hex HSLA Steel per ANSI A21.11 with Fluoropolymer Finish (to prevent galling)

Pipe Applications: Ductile Iron, Steel, Asbestos Cement and PVC.

Sizes (in inches): 4, 6, 8, 10, 12

Pressure Ratings: 250 PSI



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.



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Standard and Metric Coupling

NOM. SIZE (INCHES)	NOM. SIZE (MM)	OD RANGE (INCHES)	OD RANGE (MM)	WITH EPOXY COATED ALLOY BOLTS & NUTS	WITH STAINLESS STEEL BOLTS & NUTS	SLEEVE LENGTH (INCH)	5/8" BOLT QTY	LAYING LENGTH (INCH)	WT. (LBS.)
				CATALOG NUMBER	CATALOG NUMBER				
4	100	4.46 - 5.60	113 - 142	462-04460560-000	462-04460560-031	12	4	17	31.4
6	150	6.54 - 7.65	166 - 194	462-06540765-000	462-06540765-031	12	4	17	42.3
8	200	8.54 - 9.85	217 - 250	462-08540985-000	462-08540985-031	12	4	17	55.3
10	250	10.65 - 12.20	271 - 310	462-10651220-000	462-10651220-031	12	8	17	73.0
12	300	12.75 - 14.40	324 - 366	462-12751440-000	462-12751440-031	12	8	17	87.0