



Announcing A New Member of the JCM Product Family

# JCM 360 OPTIFIT COUPLING

## FEATURES

- **WIDE RANGE**
- **TWO BOLT DESIGN**
- **LIGHTWEIGHT**
- **ADAPTABILITY**



- Fits all types of pipe including Ductile Iron, Cast Iron, PVC, Steel, HDPE, Asbestos Cement - lowers inventory needs. TWO bolts to tighten reduces man hours and tools
- Dual fit gasket - inner and outer gaskets are easily modified to fit larger pipe diameters within the nominal pipe size
- Reduced weight eases load on critical pipe ends, preventing damage and speeding installation
- Provides up to 4° of deflection on both to assist in complex pipe alignment and eliminates need for exact field cutting

JCM Introduces the Model 360 OptiFit Coupling for pipe sizes 4" through 12" for all types of pipe. This simple to install coupling covers a wide range of pipe diameters within a nominal pipe size - including ductile iron, cast iron, IPS PVC, C900 PVC, Asbestos Cement and Steel. Rapid installation is completed with the tightening of just two bolts on sizes 4" through 12" couplings.

The JCM Model 360 OptiFit is furnished standard with fusion bonded epoxy coating that provides protection against the harshest soils and corrosive line content. The 4" thru 12" sizes are available with an EPDM gasket for water & wastewater service that meets the ANSI/AWWA NSF Standard 61 & ANSI/AWWA NSF Standard 372 for potable water service.

Stab fit, no disassembly installation with top side bolting make these couplings ideal for applications with confined spaces, limited pipe access and rocky soils. The wide range coupling has a dual layered gasket that consists of an inner gasket and outer gasket - the inner gasket is easily removed to fit larger pipe diameters - right on site. No need for loose or extra gaskets. A quick fix and on the way home.

The JCM Model 360 OptiFit Coupling Series meets or exceeds the ANSI/AWWA Standard C219 for Bolted, Sleeve Type Couplings for Plain-End Pipe and are ANSI/NSF Standard 61 and ANSI/NSF Standard 372 Certified.

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# JCM 360 OPTIFIT COUPLING

## Material Specifications:

**End Rings:** 4" - 12" ASTM A283/A283M Grade C Steel

**Middle Ring:** 4" - 12" ASTM A53 Grade A Steel

**Gaskets:** EPDM (-20°F up to +125°F)  
Gaskets compounded for water & wastewater service  
ANSI/NSF 61, ANSI/NSF 372 Certified

**Bridge & Spacers:** AISI 304 Stainless Steel

**Hardware:** AISI 304 Stainless Steel. Rolled thread and anti-gall coating.

**Finish:** Fusion bonded epoxy coating (nominal thickness 14 mil)  
ANSI/AWWA C213 Standard for Fusion-Bonded Epoxy Coatings and  
Linings for Steel Water Pipe and Fittings

## Performance:

Maximum Working Pressure	4" - 12"	260 PSI
Rated Pressure	4" - 12"	390 PSI
Vacuum Test		12 PSI
Dynamic deflection		up to 4° per side
Minimum pipe insertion	4" - 12" sizes	2.25"
Maximum offset misalignment	4" - 12" sizes	0.51"

Meets ANSI/AWWA C219 Standard for Bolted, Sleeve-Type Couplings for Plain-End Pipe and are ANSI/NSF Standard 61 & ANSI/NSF Standard 372 Certified.

For applications on high temperatures or chemical pipelines, contact JCM Industries Engineered & Technical Sales Team





4" - 12"  
 Two Bolt Design  
 EPDM Gasket  
 Extended Range

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### JCM 360 OPTIFIT COUPLINGS - SIZES 4" THRU 12"

Nom. Pipe Size (IN)	Catalog Number	Overall Range (IN)	Range Before Inner Layer Removed (IN)	Range After Inner Layer Removed (IN)	Working Pressure (PSI)	Rated Pressure (PSI)	Bolts Qty	Width (IN)	List Price (Each)	Weight Each (Lbs)
4	360-0550	4.25-5.63	4.25-5.00	4.92-5.63	260	390	2	8.8	\$ 548.00	15
6	360-0760	6.42-7.68	6.42-7.05	7.01-7.68	260	390	2	10.8	726.00	23
8	360-0960	8.54-9.84	8.54-9.17	9.13-9.84	260	390	2	10.8	819.00	28
10	360-1110	10.70-12.00	10.70-11.37	11.33-12.00	260	390	2	10.8	1,053.00	32
10	360-1200	10.96-12.26	10.96-11.63	11.59-12.26	260	390	2	10.8	1,148.00	33
12	360-1320	12.40-13.66	12.40-13.03	12.99-13.66	260	390	2	10.8	1,244.00	39
12	360-1430	13.15-14.41	13.15-13.78	13.74-14.41	260	390	2	10.8	1,519.00	39

EPDM Gasket provided as standard

## **NOW from JCM - 360 OPTIFIT COUPLING** featuring the advanced engineering and innovative design that set the standard in the industry.

The simple to use, two layer gasket allows adjustments to pipe diameters in the field - fast and easy.

Measure the pipe O.D. and confirm - that the pipe is larger than the inner gasket range, simply split the gasket and use the larger inner ring to fit the pipe.

(Removed gasket is not replaceable).



Lightweight construction makes installation fast and easy, with limited manpower, less time in the ditch and improved worksite safety.

Popular on top bolts enable access for tightening bolts.

Out of the box, stab-in design reduces pipe excavation space

Coupling provides up to 4° angular deflection on each end and accommodates misaligned pipes.

Absorbs after-installation unexpected pipe deflection of up to 4° on each end, reducing the risk of damage and cracking due to ground shifts and temperature changes.

Adapts to out-of-round pipe shape (up to 0.51"), for optimum fit on both ends.

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