



Compression Coupling

525

IMPORTANT LINKS

Click appropriate words to go to:

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[Returns Policy](#)

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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.

Description: A ductile or malleable iron coupling with threaded ends that seal to the pipe when turned.

Application: Joining plain end pipe of the same diameter.

Key Features:

- Stab fit for easier installation
- Galvanized finish for additional corrosion resistance
- Ductile or malleable iron metal parts for strength and corrosion resistance
- May be used in most water, wastewater and industrial applications
- Wrench flats on the nuts and sleeve help with holding the coupling during tightening
- The retainer cup holds the gasket in place and concentrates gasket compression where it is needed most
- The compression coupling may be used in conjunction with Smith-Blair adapter gaskets to join Copper pipe
- Protected gasket extends the life of the gasket and provides electrical continuity between the pipe and the coupling
- Deflection of 2° per end allows for pipe movement and installation on pipe that is not perfectly aligned

Materials Specifications (subject to change):

SLEEVE: Ductile Iron or malleable iron

GASKET: Nitrile (Buna N) - compounded to resist oil, acids, alkalies, most (aliphatic) hydrocarbon fluids, water and many chemicals

Temperature Range: -20°F to 180°F

COMPRESSION NUT: Ductile Iron or malleable iron

FINISH: Galvanized

NOTE: Product not recommended for natural gas service.

Working Pressure: Up to 150 PSI

Pipe Applications: PVC, Copper (with adapter gasket), Steel

Sizes (in inches): 1/2, 3/4, 1, 1 1/4, 1 1/2, 2



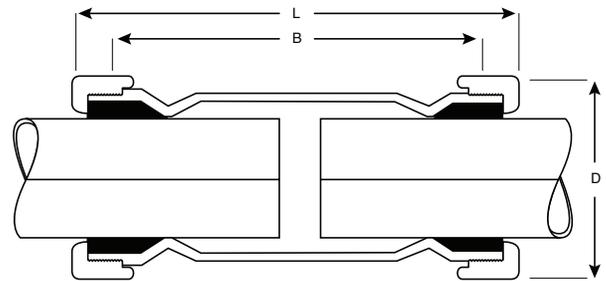
Compression Coupling

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U.S.				CATALOG NUMBER	QTY. PER CARTON	METRIC			
NOM. PIPE SIZE INCHES	PIPE O.D. RANGE	WEIGHT EA. LBS.	CARTON WT. LBS.			NOM. PIPE SIZE MM	PIPE O.D. MM	WEIGHT EACH KG.	CARTON WT. KG.
1/2	0.840	1.0	24	525-00008400-003	24	15	21.24	0.45	10.90
3/4	1.050	1.3	32	525-00010500-003	24	20	26.67	0.59	14.53
1	1.320	1.5	24	525-00013200-003	16	25	33.40	0.68	10.90
1 1/4	1.660	1.8	22	525-00016600-003	12	32	42.16	0.82	9.99
1 1/2	1.900	2.7	33	525-00019000-003	12	40	48.26	1.23	14.98
2	2.375	3.5	42	525-00023800-003	12	50	60.33	1.59	19.07

Dimensional Chart

NOM. PIPE SIZE INCHES	PIPE OD INCHES	DIMENSION INCHES		
		B	D	L
1/2	0.840	3.35	1.68	4.13
3/4	1.050	3.62	1.94	4.33
1	1.315	4.00	2.21	4.53
1 1/4	1.660	4.00	2.61	4.72
1 1/2	1.900	4.00	2.94	4.92
2	2.375	4.44	3.56	5.31



Adapter Gaskets

U.S.			CATALOG NUMBER	METRIC		
NOM. PIPE SIZE INCHES	STEEL PIPE O.D. INCHES	COPPER TUBING O.D. INCHES		NOM. PIPE SIZE MM	STEEL PIPE O.D. MM	COPPER TUBING O.D. MM
1/2	0.84	0.63	000-00038420-069	15	21.34	16.00
3/4	1.05	0.88	000-00038421-069	20	26.67	22.35
1	1.32	1.13	000-00038422-069	25	33.40	28.70
1 1/4	1.66	1.38	000-00038423-069	32	42.16	35.05
1 1/2	1.90	1.63	000-00038424-069	40	48.26	41.40
2	2.38	2.13	000-00038425-069	50	60.33	54.10

