

PIPE / TUBE COMPRESSION STYLE COUPLINGS,



For Over 60 Years the Morris Style Compression Coupling has dominated the market place World Wide for joining pipe and tube components in pneumatic conveying systems running at pressures lower than 15 PSIG. Our compression couplers are well suited for conveying industrial, foods, plastics, minerals, organic and inorganic chemicals in both powder and pellet form. These couplers are designed to work under either Vacuum or Pressure conditions.

All Compression Couplers are designed to compress on the outside diameter of the piping / tubing being joined. Order based on OD Size, Bolt Number, Gasket Material, with or without stainless gasket protector. Standard on all couplings are ground strips to insure system grounding is maintained across the pipe joints.

Compression Couplings Manufactured in sizes starting at 1-1/2" O.D. through 12" O.D. Custom Size Couplings Available on Request.

MAXIMUM GASKET OPERATIONAL TEMPRATURES					Rubbers Suited For Use With Food Systems	
					180 DEG F. / 82 DEG C.	500 DEG F. / 260 DEG C.
PART #					NEOPRENE RUBBER	
					RED SILICONE RUBBER	
OD SIZE					GASKETS	
					WHITE "W" OR BLACK "B"	
BOLT #					GASKETS	
					WHITE "W" OR BLACK "B"	
LENGTH					GASKETS	
					WHITE "W" OR BLACK "B"	
SST GASKET PROTECTOR					GASKETS	
					WHITE "W" OR BLACK "B"	
Build Part Numbers by Adding Options Required by Code					GASKETS	
Build Part Numbers by Adding Options Required by Code					GASKETS	
1-1/2-2C-OD TUBE	1-1/2"	2	4"	N	CODE "W" OR "B"	CODE " R "
1-1/2-3C-OD TUBE	1-1/2"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
1-1/2-2C-OD PIPE	1.90"	2	4"	N	CODE "W" OR "B"	CODE " R "
1-1/2-3C-OD PIPE	1.90"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
1-3/4-2C-OD TUBE	1-3/4"	2	4"	N	CODE "W" OR "B"	CODE " R "
1-3/4-3C-OD TUBE	1-3/4"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-2C-OD TUBE	2"	2	4"	N	CODE "W" OR "B"	CODE " R "
2-3C-OD TUBE	2"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-2C PIPE	2.375	2	4"	N	CODE "W" OR "B"	CODE " R "
2-3C PIPE	2.375	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-3/16-2C-OD TUBE	2-3/16"	2	4"	N	CODE "W" OR "B"	CODE " R "
2-3/16-2C-OD TUBE	2-3/16"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-1/4-2C-OD TUBE	2-1/4"	2	4"	N	CODE "W" OR "B"	CODE " R "
2-1/4-2C-OD TUBE	2-1/4"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-2C PIPE	2-3/8"	2	4"	N	CODE "W" OR "B"	CODE " R "
2-3C PIPE	2-3/8"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-1/2-2C-OD TUBE	2-1/2"	2	4"	N	CODE "W" OR "B"	CODE " R "
2-1/2-3C-OD TUBE	2-1/2"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-1/2-4C-OD TUBE	2-1/2"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-1/2-2C PIPE	2.875	2	4"	N	CODE "W" OR "B"	CODE " R "
2-1/2-3C PIPE	2.875	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-1/2-4C PIPE	2.875	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
2-3/4-3C TUBE	2-3/4"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-2C-OD TUBE	3"	2	4"	N	CODE "W" OR "B"	CODE " R "
3-3C-OD TUBE	3"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-4C-OD TUBE	3"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-1/4-2C-OD TUBE	3-1/4"	2	4"	N	CODE "W" OR "B"	CODE " R "
3-1/4-3C-OD TUBE	3-1/4"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-1/4-4C-OD TUBE	3-1/4"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-2C-OD PIPE & TUBE	3-1/2"	2	4"	N	CODE "W" OR "B"	CODE " R "
3-3C-OD PIPE & TUBE	3-1/2"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-3C-OD PIPE & TUBE	3-1/2"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "

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MAXIMUM GASKET OPERATIONAL TEMPRATURES					Rubbers Suited For Use With Food Systems	
					180 DEG F. / 82 DEG C.	500 DEG F. / 260 DEG C.
PART #					NEOPRENE RUBBER	
					GASKETS	
Build Part Numbers by Adding Options Required by Code					GASKETS	
					WHITE "W" OR BLACK "B"	
3-1/2-3C PIPE	4"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
3-1/2-4C PIPE	4"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
4-3C-OD TUBE	4"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
4-4C-OD TUBE	4"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
4-1/2-3C-OD TUBE	4-1/2"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
4-1/2-4C-OD TUBE	4-1/2"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
5-3C-OD TUBE	5"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
5-4C-OD TUBE	5"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
5-3C PIPE	5-5/8"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
5-4C PIPE	5-5/8"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
5-5C PIPE	5-5/8"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
6-3C-OD TUBE	6"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
6-4C-OD TUBE	6"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
6-5C-OD TUBE	6"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
6-3C PIPE	6-5/8"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
6-4C PIPE	6-5/8"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
6-5C PIPE	6-5/8"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
7-3C-OD TUBE	8"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
7-4C-OD TUBE	8"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
7-5C-OD TUBE	8"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
8-3C-OD TUBE	8"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
8-4C-OD TUBE	8"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
8-5C-OD TUBE	8"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
8-3C PIPE	8-5/8"	3	6"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
8-4C PIPE	8-5/8"	4	8"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
8-5C PIPE	8-5/8"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
10-5C-OD TUBE	10"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
10-5C-OD PIPE	10-3/4"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
12-5C-OD TUBE	12"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "
12-5C PIPE	12-3/4"	5	10"	"Y" or "N"	CODE "W" OR "B"	CODE " R "

COMPRESSION COUPLING REPLACEMENT PARTS AND ACCESSORIES



LRH STOCKS A MAINTAINS REPLACEMENT PARTS TO REBUILD MOST INDUSTRY STANDARD COMPRESSION COUPLERS.

GASKETS

When ordering replacment gaskets please spec the Outside Diameter of the pipe or tube the gasket will be used on, then the number of bolts used in the compression coupling. This will insure a proper match to your existing coupling. All new gaskets come standard with stainless steel grounding strips. Gaskets are available in White or Black Neoprene in minimum quantity lots of 10 units. Gaskets for higher temprature convey applications are available in red silicone rubber and are sold individually due to the nature of these applications and the cost of the gasket materials.

When Selecting gaskets keep in mind the operational temprature of the piping system. Extream Heat will degrade gaskets that do not have the mechanical properties to withstand constant operational tempratures that exceed those listed below. Speical gaskets can be made in extreme cases on request.

Neoprene Rubber Gaskets Black / White	180 DEG F. / 82 DEG C.	Maximum Limit
Red Silicone Ruber Gaskets	500 DEG F. / 260 DEG C.	Maximum Limit

STAINLESS STEEL GASKET PROTECTORS

Typically Gasket Protector Rings are used when the compression coupling will be used in a vacuum convey application or there are worrys of the material being conveyed coming in contact with the gasket material used in the compression coupling.

Gasket protectors are ordered by calling out the Outside Diameter of the tube or pipe the protector will be used in and the number of bolts the coupler has. This will insure a proper fit to your existing coupling. Note typically gasket protectors are sold in lots of 10 units.

NUTS AND BOLT REPLACEMENT SETS

LRH provides Replacement Nut and Bolt Sets for Coupling Rebuilds. These Items are sold a set in lots of 10 and include one carrige bolt and one nut pre set.

Coupling Sizes	Nut and Carrige Bolt Spec	
1-1/2" Tube & Pipe through 2-3/4" Tube & Pipe	All coupling in these size ranges will use 1/2" - 13 by 1-3/4" Heavy Carrige Bolt. and 1/2"-13 Heavy Nut.	SOLD IN SETS ONE NUT, & ONE BOLT
3" Tube & Pipe through 7-3/4" Tube	All coupling in these size ranges will use 5/8" 11 by 2" Heavy Carrige Bolt. and 5/8" 11 Heavy Nut.	SOLD IN SETS ONE NUT, & ONE BOLT
8" Tube & Pipe through 12" Pipe & Tube	All coupling in these size ranges will use 3/4" by 3" Heavy Carrige Bolt. and 3/4" Heavy Nut.	SOLD IN SETS ONE NUT, & ONE BOLT