

SlideLOK® Ready for Installation Coupling
Fig. 74



The SlideLOK coupling is the most rigid ready for installation coupling designed to reduce installation time. The slide action eases assembly and reduces installation time. The patented gasket provides four separate sealing surfaces for added protection.

The SlideLOK coupling is designed to be used with roll groove or cut groove steel pipe, grooved light wall pipe, Gruvlok grooved-end fittings, and valves.

The SlideLOK coupling allows for pressures between full vacuum and 750 psi on roll or cut grooved carbon steel standard wall pipe. The SlideLOK coupling provides a rigid connection allowing pipe hanging practices per ASME B31 Pipe Codes.

*Patent: 8550502, 8615865, 2732427, D680629, D680630, D696751, 8282136, 9239123, 9297482, 9194516, 9297484, 9039046, 9500307

Material Specifications

Bolts
SAE J429, Grade 5, Zinc Electroplated

Heavy Hex Nuts
ASTM A563, Grade A, Zinc Electroplated

Material Specifications (continued)

- Hardware Kits**
- ☐ 304 Stainless Steel (available in sizes up to ¾")
Kit includes:
 - (2) Bolts per ASTM A193, Grade B8 and
 - (2) Heavy Hex Nuts per ASTM A194, Grade 8.
 - ☐ EcoGuard® (available in sizes up to ¾")
Kit includes:
 - Bolts per SAE J429, Grade 5, with EcoGuard corrosion-resistant zinc flake coating and
 - (2) Heavy Hex Nuts per ASTM A563, Grade A, EcoGuard corrosion-resistant zinc flake coating.

Housing
Ductile Iron conforming to ASTM A 536, Grade 65-45-12

- Coatings**
- ☐ Rust inhibiting paint
Color: Orange (standard)
 - ☐ Hot Dipped Zinc Galvanized (optional)

Gaskets
Properties as designated in accordance with ASTM D2000

- ☐ **Grade "EP" EPDM** (Green and Red color code)
-40°F to 250°F (Service Temperature Range)
(-40°C to 121°C)
Recommended for water service, diluted acids, alkalis solutions, oil-free air and many other chemical services.
NOT FOR USE IN PETROLEUM APPLICATIONS.
- ☐ **Grade "T" Nitrile** (Orange color code)
-20°F to 180°F (Service Temperature Range)
(-29°C to 82°C)
Recommended for petroleum applications.
Air with oil vapors and vegetable and mineral oils.
NOT FOR USE IN HOT WATER OR HOT AIR
NOT FOR USE IN DRINKING WATER

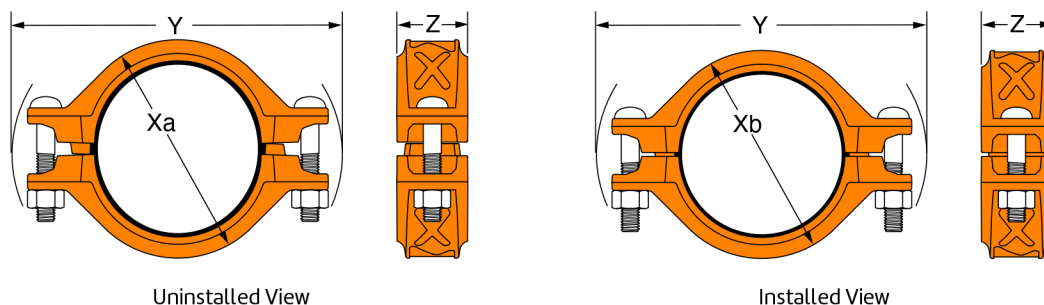
Gasket Type
SlideLOK (2" - 8")

- Lubrication**
- ☐ Standard
 - ☐ Gruvlok Xtreme



PROJECT INFORMATION	APPROVAL STAMP
Project:	<input type="checkbox"/> Approved
Address:	<input type="checkbox"/> Approved as noted
Contractor:	<input type="checkbox"/> Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

SlideLOK® Ready for Installation Coupling Fig. 74



Nominal Size	O.D.	Max. Working Pressure ▲	Max. End Load	Range of Pipe End Separation	Coupling Dimensions				Coupling Bolts		Approx. Wt. Ea.
					Xa	Xb	Y	Z	Qty.	Size	
In./DN(mm)	In./mm	PSI/bar	Lbs./kN	In./mm	In./mm	In./mm	In./mm	In./mm		In./mm	Lbs./kg
2 50	2.375 60.3	750 51.7	3,323 14.78	0-1/32 0-0.79	3 3/4 95	3 3/8 86	6 152	2 51	2	1/2 x 2 3/4 M12 x 70	2.9 1.3
2 1/2 65	2.875 73.0	750 51.7	4,869 21.66	0-1/32 0-0.79	4 5/8 117	4 1/4 108	6 3/8 163	2 51	2	1/2 x 2 3/4 M12 x 70	3.1 1.4
3 80	3.500 88.9	750 51.7	7,216 32.10	0-1/32 0-0.79	5 1/5 132	4 11/16 119	7 178	2 51	2	1/2 x 3 1/2 M12 x 89	3.6 1.6
4 100	4.500 114.3	750 51.7	11,928 53.06	0-3/32 0-2.38	6 1/2 165	6 152	8 5/16 212	2 51	2	1/2 x 3 1/2 M12 x 89	4.9 2.2
5 125	5.563 141.3	750 51.7	18,229 81.09	0-5/16 0-7.9	7 1/4 184	6 3/4 171	10 1/2 267	2 51	2	5/8 x 3 1/2 M16 x 89	5.5 2.5
6 150	6.625 168.3	700 48.3	24,130 107.34	0-5/16 0-7.9	8 5/16 211	7 3/4 197	11 279	2 51	2	5/8 x 3 1/2 M16 x 89	6.3 2.9
8 200	8.625 219.1	600 41.4	35,056 155.94	0-5/16 0-7.9	10 3/4 273	10 1/8 273	14 356	2 1/2 64	2	3/4 x 4 1/2 M20 x 115	14.3 6.5

Notes:

Range of Pipe End Separation values are for system layout reference only. Actual installation spacing may vary based on pipe condition.

▲ – Maximum Working Pressure Rating is for schedule 40 steel pipe. For light wall, stainless steel, aluminum and ISO pipe pressure ratings, please refer to the technical data section. Not for use on “EG” rolled or cut grooved pipe ends.

For additional details see “Coupling Data Chart Notes” in the Introduction Section of the Gruvlok Catalog.

See Installation & Assembly directions on next page.

Not for use in copper systems.